

WELL NAME: PETTIS HEIRS SWD #3

COUNTY: WILKINSON

FIELD: DIXONS BAYOU

SECTION. 5 TWN. 3N RANGE. 3W

LAT. 31.25281 LONG. -91.42888

API # 23-157-20639

BASE OF USDW: 1810'

MISSISSIPPI STATE OIL & GAS BOARD
ORIGINAL WELL COMPLETION AND/OR RECOMPLETION REPORT AND WELL LOG

FORM 3

INDICATE TYPE OF COMPLETION											
NEW WELL	REENTRY	WORKOVER	DEEPEN	PLUG BACK	SAME RESERVOIR	DIFFERENT RESERVOIR	OIL	GAS	INJECTOR	DRY	
		X									

OPERATOR Morrow Oil & Gas Co.				ADDRESS 2140 West McDowell Rd., Jackson, MS 39204			
LEASE NAME Pettis Heirs				WELL NUMBER 3		FIELD & RESERVOIR Dixon Bayou - Sparta	
LOCATION 330' FWL & 351' FNL of NE/4 of NW/4				SEC. - TWN. - RGE, LAT AND LONG 3-T3N-R3W		API NO. & DIRECTIONAL, VERTICAL OR HORIZONTAL 23-157-20639 Vertical	
COUNTY Wilkinson		PERMIT NUMBER Verbal		DATE ISSUED		PREVIOUS PERMIT NUMBER 120	
DATE SPUEDDED 10-3-01 (Orig.)		DATE TOTAL DEPTH REACHE 11-18-74 (Orig.)		DATE OF THIS COMPLETION S.W.D.W.		ELEVATION (OF, RKB, RT or GR) & ELEVATION OF CASING HD. FLANGE 52.6 Gr	
TOTAL DEPTH 7421 (Orig.)		P.B.T.D. 3060		SINGLE, DUAL OR TRIPLE COMPLETION?		IF THIS IS A DUAL OR TRIPLE COMPLETION, FURNISH SEPARATE REPORT FOR EACH COMPLETION.	
PERFORATIONS FOR THIS COMPLETION, FORMATION 2130-2150, 2410-2420, 2950-3000						DRILLING CONTRACTOR N/A	
WAS THIS WELL DIRECTIONALLY DRILLED?		WAS DIRECTIONAL SURVEY MADE?		WAS COPY OF DIRECTIONAL SURVEY FILED?		DATE FILED	
No		No		No		N/A	
LIST ALL ELECTRICAL LOGS RUN FOR THIS COMPLETION, SERVICE COMPANY AND DATES FILED							
No							

CASING RECORD						
CASING (Report All Strings Set in Well - Conductor, Surface, Intermediate, Producing, etc.)						
PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (lb./ft.)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
SURFACE	12 1/4	8 5/8	24	633	400	
PRODUCTION	7 7/8	4 1/2	10.5	3060	200	

TUBING RECORD				LINER RECORD			
SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
2 7/8 IN.	2115 FT.	2115	IN.	FT.	FT.		FT.

PERFORATION RECORD THIS COMPLETION				ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD			
NUMBER PER FEET	SIZE & TYPE	DEPTH INTERVAL	SERVICE COMPANY	AMOUNT & KIND OF MATERIAL USED		DEPTH INTERVAL	

LIST ALL OTHER PERFORATIONS RECORDS AND TEST RESULTS CONT ON BACK				ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD			
NUMBER PER FEET	SIZE & TYPE	DEPTH INTERVAL	SERVICE COMPANY	AMOUNT & KIND OF MATERIAL USED		DEPTH INTERVAL	

INITIAL PRODUCTION							
DATE OF FIRST PRODUCTION/INJECTION				PRODUCING METHOD (Indicate if Flowing, Gas Lift or Pumping - If Pumping, Indicate Size & Type of Pump)			
S.W.D.W.							
DATE OF TEST	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST	GAS PRODUCED DURING TEST	WATER PRODUCED DURING TEST	OIL GRAVITY	
0	0	0	0	0	0	0	
TUBING PRESSURE	CASING PRESSURE	CALCULATED RATE OF PRODUCTION PER 24 HRS.		OIL	GAS	WATER	GAS - OIL RATIO
		N/A		BBLs.	MCF	BBLs.	
DISPOSITION OF GAS (State Whether Vent, Used for Fuel or Sold)				SOUR GAS OR OIL			
Dry Hole				AMOUNT H ₂ S: AMOUNT CO ₂ :			

Executed this the 3rd day of February, 2015
 State of Mississippi
 County of Wilkinson
 Before me, the undersigned authority, on this day personally appeared Mary Ellen Jones known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 3rd day of February, 2015
 SEAL
 Signature Mary Ellen Jones
 Signature William W. Hinds

Notary Public in and for Hinds
 County Mississippi
 My commission expires August 14, 2017



MISSISSIPPI STATE OIL AND GAS BOARD
 FORM NO. 3
 A.P.I. WELL NUMBER
 STATE COUNTY WELL

CASING TESTS, REQUIRED BY STATEWIDE RULES 11 AND 12, MUST BE MADE.
 Effective Jan. 1, 2007, no authorization to transport Oil or Gas from location will be approved until a completed form 3 and all electrical surveys have been filed with the Mississippi Oil and Gas Board.

RECEIVED
FEB 04 2015
 STATE OIL & GAS BOARD

MISSISSIPPI STATE OIL AND GAS BOARD
APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

☐ APPLICATION TO DRILL

☒ **FORM No. 2**
WORKOVER

☐ CHANGE OF OPERATOR

NAME OF COMPANY OR OPERATOR Morrow Oil & Gas Co.				DATE 11-3-14	
ADDRESS 2140 West McDowell Road, Jackson, MS 39204				CITY STATE ZIP JACKSON MS 39204	
NAME OF WELL Pettis Heirs		WELL NO. 3		ELEVATION (GROUND) 52.6	
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) 330' FWL & 351' FNL of NE/4 of NW/4		SECTION - TOWNSHIP - RANGE 3-T3N-R3W		CIRCLE TYPE OF PROPOSED WELL <input type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER (NAME) S.W.D.W.	
FIELD & RESERVOIR (IF WILDCAT, SO STATE) Dixon Bayou - Sparta		API No. (EXISTING WELL) 23 157 20639		APPROX. DATE WORK BEGINS	
COUNTY Wilkinson					
PROPOSED DEPTH FEET	PROPOSED LENGTH OF SURFACE CASING FEET	NUMBER OF ACRES IN RILLING UNIT 40 ACRES	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING 330 FEET	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL FEET	
NAME OF DRILLING CONTRACTOR Work to be performed by company personnel					
ADDRESS CITY STATE ZIP					
FOR CHANGE OF OPERATOR ONLY - SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF AUTHORIZED REPRESENTATIVE SIGNATURE					

Note: AREA FIELD INSPECTOR OR FIELD DIRECTOR (JACKSON OFFICE) OF DATES OF SPUDDING AND REACHING TOTAL DEPT.
 State Oil and Gas Board, 500 Graymont Avenue, Suite E, Jackson, MS 39202-2244

REMARKS: (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE)
 Re-set packer. *mit*

NOTICE: PRIOR TO BEGINNING WORK NOTIFY OIL AND GAS INSPECTOR
 ROBERT LAIRD
 601-906-2599

ARE THERE SEPARATELY OWNED TRACTS OR INTERESTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT? (REF. MS. STATUTE 63-3-7)	YES	NO <input checked="" type="checkbox"/>	IF YES, HAVE THE PERSONS OWNING THE DRILLING RIGHTS IN SAID TRACTS OR INTERESTS AND THE RIGHTS TO SHARE IN THE PRODUCTION THEREFROM AGREED TO DEVELOP THEIR LANDS AS A DRILLING UNIT AND TO THE DRILLING OF THE WELL? (REF. MS. STATUTE 63-3-7)	YES	NO
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EXECUTED THIS THE 4th DAY OF November, 2014

STATE OF Mississippi
 COUNTY OF Hinds

Mary Ellen Jones
 SIGNATURE OF AFFIANT
 Wilma W. Ammons

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Wilma W. Ammons KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE ABOVE INSTRUMENT, WHO BEING BY ME DULY SWORN ON OATH, STATES THAT HE IS DULY AUTHORIZED TO MAKE THE ABOVE REPORT AND THAT HE HAS KNOWLEDGE OF THE FACTS STATED THEREIN, AND THAT SAID REPORT IS TRUE AND CORRECT.

SUBSCRIBED AND SWORN TO BEFORE ME THIS 4th DAY OF November, 2014
 SEAL
 MY COMMISSION EXPIRES August 14, 2017
 Signature *Thelma W. Ammons*
 NOTARY PUBLIC IN AND FOR State at Large
 COUNTY Mississippi

PERMIT NUMBER _____

APPROVAL DATE 11/5/2014

APPROVED BY *[Signature]*

NOTICE: BEFORE SENDING THIS FORM, BE SURE THAT ALL INFORMATION REQUESTED IS GIVEN. SEE INSTRUCTIONS ON REVERSE SIDE OF FORM

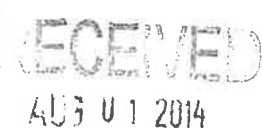
MISSISSIPPI STATE OIL AND GAS BOARD FORM 2 (Rev. 4/01) A.P.I. WELL NUMBER COUNTY WELL			
RECEIVED NOV 5 2014		23 157 20639	

MISSISSIPPI STATE OIL AND GAS BOARD
APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

☐ APPLICATION TO DRILL

☒ **FORM No. 2**
WORKOVER

☐ CHANGE OF OPERATOR

NAME OF COMPANY OR OPERATOR Morrow Oil & Gas Co.				DATE 7-29-14	
ADDRESS 2140 West McDowell Rd., Jackson, MS 39204				CITY STATE ZIP JACKSON MS 39204	
NAME OF WELL Pettis Heirs		WELL NO. 3		ELEVATION (GROUND) 52.6	
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) 330' FWL & 351' FNL of NE/4 of NW/4		SECTION - TOWNSHIP - RANGE 3-T3N-R3W		CIRCLE TYPE OF PROPOSED WELL <input type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER (NAME) S.W.D.W.	
FIELD & RESERVOIR (IF WILDCAT, SO STATE) Dixon Bayou - Sparta		API No. (EXISTING WELL) 23 157 20639		APPROX. DATE WORK BEGINS	
		COUNTY Wilkinson			
PROPOSED DEPTH FEET	PROPOSED LENGTH OF SURFACE CASING FEET	NUMBER OF ACRES IN RILLING UNIT 40 ACRES	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING 330 FEET	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL FEET	
NAME OF DRILLING CONTRACTOR Work to be performed by company pers					
ADDRESS CIT					
<div style="display: flex; justify-content: space-between;"> <div> FOR CHANGE OF OPERATOR ONLY - SIGN AUTHORIZED REPRESENTATIVE SIGNATURE </div> <div> NOTICE: PRIOR TO BEGINNING WORK NOTIFY OIL AND GAS INSPECTOR ALLEN FLOYD 601-835-6802 </div> </div>					
Note: AREA FIELD INSPECTORE OR FIELD DIRECTOR(JACKSON) State Oil and Gas Board, 500 Graymont Avenue, Suite E, Jackson, MS 39202 601-576-4900					
REMARKS: (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE)					
W.O. rig to pull & test tubing; check packer. <div style="text-align: right; margin-top: 20px;">  </div>					
ARE THERE SEPARATELY OWNED TRACTS OR INTERESTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT? (REF. MS. STATUTE 53-3-7)	YES	NO X	IF YES, HAVE THE PERSONS OWNING THE DRILLING RIGHTS IN SAID TRACTS OR INTERESTS AND THE RIGHTS TO SHARE IN THE PRODUCTION THEREFROM AGREED TO DEVELOP THEIR LANDS AS A DRILLING UNIT AND TO THE DRILLING OF THE WELL? (REF. MS. STATUTE 53-3-7)		YES NO

EXECUTED THIS THE 29th DAY OF July, 2014
 STATE OF Mississippi
 COUNTY OF Hinds

Mary Ellen Jones
 SIGNATURE OF AFFIANT
 Mary Ellen Jones

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Mary Ellen Jones KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE ABOVE INSTRUMENT, WHO BEING BY ME DULY SWORN ON OATH, STATES THAT HE IS DULY AUTHORIZED TO MAKE THE ABOVE REPORT AND THAT HE HAS KNOWLEDGE OF THE FACTS STATED THEREIN, AND THAT SAID REPORT IS TRUE AND CORRECT.

SUBSCRIBED AND SWORN TO BEFORE ME THIS 29th DAY OF July, 2014

SEAL

MY COMMISSION EXPIRES

Signature Wilma W. Ammons
 NOTARY PUBLIC IN AND FOR State at Large
 COUNTY Mississippi



PERMIT NUMBER

APPROVAL DATE 8/1/2014

APPROVED BY [Signature]

NOTICE: BEFORE SENDING THIS FORM, BE SURE THAT ALL INFORMATION REQUESTED IS GIVEN. SEE INSTRUCTIONS ON REVERSE SIDE OF FORM.

MISSISSIPPI STATE OIL AND GAS BOARD FORM 2 (Rev. 4/01) A.P.I. WELL NUMBER		
STATE <u>23</u>	WELL NUMBER <u>157 20639</u>	COUNTY <u>WILKINSON</u>

FORM 3

ENTERED

Effective Jan. 1, 2007, no authorization to transport Oil or Gas from location will be approved until a completed form 3 and all electrical surveys have been filed with the Mississippi Oil and Gas Board

MISSISSIPPI STATE OIL & GAS BOARD
ORIGINAL WELL COMPLETION AND/OR RECOMPLETION REPORT AND WELL LOG

FORM 3

INDICATE TYPE OF COMPLETION										
NEW WELL	REENTRY	WORKOVER	DEEPEN	PLUG BACK	SAME RESERVOIR	DIFFERENT RESERVOIR	OIL	GAS	INJECTOR	DRY
3		X							X	
DESCRIPTION OF WELL AND LEASE										
OPERATOR Morrow Oil & Gas Co.					ADDRESS 2140 West McDowell Rd., Jackson, MS 39204					
LEASE NAME Pettis					WELL NUMBER 3		FIELD & RESERVOIR Dixon Bayou - Sparta			
LOCATION 330' FWL & 351' FNL of NE 1/4 SW 1/4					SEC., TWP., RGE., LAT AND LONG 5-3N-3W		API NO. 23 137 20639		DIRECTIONAL, VERTICAL OR HORIZONTAL	
COUNTY Wilkinson	PERMIT NUMBER Verbal 9/7/09		DATE ISSUED 9-7-09		PREVIOUS PERMIT NUMBER		DATE ISSUED			
DATE SPUNDED N/A	DATE TOTAL DEPTH REACHED N/A		DATE OF THIS COMPLETION 9-9-09		ELEVATION (OF RKB, RT OR GR)		ELEVATION OF CASING HD. FLANGE 52.6 DF			
TOTAL DEPTH 7421	P.B.T.D. N/A		SINGLE, DUAL OR TRIPLE COMPLETION? N/A		IF THIS IS A DUAL OR TRIPLE COMPLETION, FURNISH SEPARATE REPORT FOR EACH COMPLETION.					
PERFORATIONS FOR THIS COMPLETION, FORMATION N/A							DRILLING CONTRACTOR Alpine Well Service, Inc.			
WAS THIS WELL DIRECTIONALLY DRILLED? No			WAS DIRECTIONAL SURVEY MADE? N/A		WAS COPY OF DIRECTIONAL SURVEY FILED? N/A		DATE FILED N/A			
LIST ALL ELECTRICAL LOGS RUN FOR THIS COMPLETION, SERVICE COMPANY AND DATES FILED N/A										
CASING RECORD										
CASING (Report All Strings Set in Well - Conductor, Surface, Intermediate, Producing, etc.)										
PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (lb./ft.)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED				
N/A										
TUBING RECORD										
SIZE 2	IN 7/8	DEPTH SET 6900	PACKER SET AT 6900	SIZE IN 0	TOP 0	BOTTOM 0	SACKS CEMENT 0	SCREEN 0		
PERFORATION RECORD - THIS COMPLETION										
NUMBER PER FOOT	SIZE & TYPE	DEPTH INTERVAL	SERVICE COMPANY	AMOUNT & KIND OF MATERIAL USED			DEPTH INTERVAL			
N/A										
ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD										
NUMBER PER FOOT	SIZE & TYPE	DEPTH INTERVAL	SERVICE COMPANY	AMOUNT & KIND OF MATERIAL USED			DEPTH INTERVAL			
9	2" HyperDome	7044-7046		None						
INITIAL PRODUCTION										
DATE OF FIRST PRODUCTION/INJECTION 10-27-2000		PRODUCING METHOD (Indicate if Flowing, Gas Lift or Pumping - If Pumping, Indicate Size & Type of Pump) Pumping Unidraulic								
DATE OF TEST 10-22-00	HOURS TESTED 24	CHOKE SIZE ---	OIL PRODUCED DURING TEST 21	GAS PRODUCED DURING TEST 0	WATER PRODUCED DURING TEST 1029		OIL GRAVITY 47		*API	
TUBING PRESSURE ---	CASING PRESSURE ---	CALCULATED RATE OF PRODUCTION PER 24 HRS.			OIL 21 BBLs	GAS 0 MCF	WATER BBLs	GAS - OIL RATIO 0		
DISPOSITION OF GAS (State Whether Vented, Used for Fuel or Sold)					SOUR GAS OR OIL AMOUNT H ₂ S: N/A AMOUNT CO ₂ : N/A					

Executed this the 8th day of December, 2009

State of Mississippi
County of Hinds

Mary Ellen Jones
Signature of Affiant

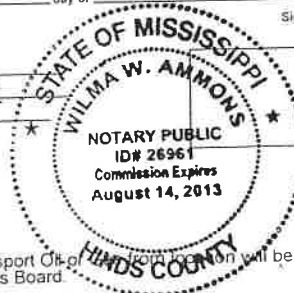
Before me, the undersigned authority, on this day personally appeared Mary Ellen Jones known to me to be the person whose name is subscribed to the above Instrument, who being by me duly sworn on oath, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 8th day of December, 2009

SEAL

Thelma M. Ammons
Signature

Notary Public in and for Hinds
County Mississippi
My commission expires 8-14-2013



MISSISSIPPI STATE OIL AND GAS BOARD
FORM NO. 3
A.P.I. WELL NUMBER
STATE COUNTY WELL

RECEIVED

DEC 09 2009

STATE OIL & GAS BOARD

CASING TESTS, REQUIRED BY STATEWIDE RULES 11 AND 12, MUST BE MADE.

Effective Jan. 1, 2007, no authorization to transport Oil or Gas from location will be approved until a completed form 3 and all electrical surveys have been filed with the Mississippi Oil and Gas Board.

MISSISSIPPI STATE OIL & GAS BOARD

APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

☐ APPLICATION TO DRILL

☒ WORKOVER

☐ CHANGE OF OPERATOR

NAME OF COMPANY OR OPERATOR Morrow Oil & Gas Co.				DATE 12-8-09	
ADDRESS 2140 West McDowell Road		CITY Jackson	STATE MS	ZIP 39204	TELEPHONE 601-372-6613
NAME OF WELL Pettis Heirs		WELL NO. 3	ELEVATION (GROUND) 52.6 DF		CIRCLE TYPE OF PROPOSED WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER (NAME) S.W.D.W.
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) NE 1/4 of SW 1/4 330' FWL & 351' FNL of NE 1/4 of SW 1/4		SECTION - TOWNSHIP - RANGE Section 5-T3N-R3W			
FIELD & RESERVOIR (IF WILDCAT, SO STATE) Dixon Bayou - Sparta		LATITUDE - LONGITUDE (NEW WELLS) (dd.ddddd) 157 28			
		API No. (EXISTING WELL) 23 157 20639		APPROX. DATE WORK BEGINS	
		COUNTY Wilkinson			
PROPOSED DEPTH 7421 FEET	PROPOSED LENGTH OF SURFACE CASING FEET	NUMBER OF ACRES IN DRILLING UNIT 40 ACRES	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE 330 FEET	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL FEET	
NAME OF DRILLING CONTRACTOR Alpine Well Service, Inc.					
ADDRESS P. O. Box 2217		CITY Natchez	STATE MS	ZIP 39121	
FOR CHANGE OF OPERATOR ONLY - SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF WELL					
AUTHORIZED REPRESENTATIVE SIGNATURE			NAME OF FORMER OPERATOR		
NOTE: AREA FIELD INSPECTOR OR FIELD DIRECTOR (JACKSON OFFICE) OF DATES OF SPUDDING AND REACHING TOTAL DEPTH. Mississippi State Oil and Gas Board, 500 Greymont Avenue, Suite E, Jackson, MS 39202 601-354-7142					
REMARKS: (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE)					
<p>Discovered hole in tubing.</p> <p>9-7-09 Received verbal approval from James "Sonny" Ziegler for workover.</p> <p>9-8-09 Move in rig.</p> <p>9-9-09 Replaced tubing, rigged down and moved off location.</p>					
ARE THERE SEPARATELY OWNED TRACTS OR INTERESTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT? (REF. MS. STATUTE 53-3-7)	YES	NO	IF YES, HAVE THE PERSONS OWNING THE DRILLING RIGHTS IN SAID TRACTS OR INTERESTS AND THE RIGHTS TO SHARE IN THE PRODUCTION THEREFROM AGREED TO DEVELOP THEIR LANDS AS A DRILLING UNIT AND TO THE DRILLING OF THE WELL? (REF. MS. STATUTE 53-3-7)		YES NO
		<input checked="" type="checkbox"/>			

Executed this the 8th day of December, 2009.

State of Mississippi

County of Hinds

RECEIVED
DEC 09 2009
STATE OIL & GAS BOARD

Signature of Affiant Mary Ellen Jones
Mary Ellen Jones

Before me, the undersigned authority, on this day personally appeared _____ the person whose name is subscribed to the above instrument, who being by me duly sworn on oath, states that he is duly authorized to make the above report and that he has knowledge of the facts stated herein, and that said report is true and correct.

Subscribed and sworn to before me this 8th day of December, 2009.

SEAL

My commission expires _____

Signature Thelma H. Ammon
Notary Public in and for Hinds
County Mississippi

PERMIT NUMBER verbal

APPROVAL DATE 9-7-09 12/09/2009

APPROVED BY James "Sonny" Ziegler

NOTICE: BEFORE SENDING THIS FORM, BE SURE THAT ALL INFORMATION REQUESTED IS GIVEN. SEE INSTRUCTIONS ON REVERSE SIDE OF FORM.



MISSISSIPPI STATE OIL & GAS BOARD
APPLICATION FOR PERMIT TO DRILL,
WORKOVER OR CHANGE OPERATOR
FORM 2 (Rev. 4/01)
A. P. I. WELL NUMBER

STATE 23 COUNTY 157 WELL 20639

APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

☐ APPLICATION TO DRILL



FORM No. 2
WORKOVER



CHANGE OF OPERATOR

NAME OF COMPANY OR OPERATOR Morrow Oil & Gas Co.				DATE 10-17-06	
ADDRESS 2140 West McDowell Road		CITY Jackson	STATE MS	ZIP 39204	TELEPHONE 601-372-6613
NAME OF WELL Pettis Heirs		WELL NO. 3	ELEVATION (FEET) 52.6 DF		CIRCLE TYPE OF PROPOSED WELL OIL GAS OTHER (NAME) S.W.D.W.
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) NE $\frac{1}{4}$ of SW $\frac{1}{4}$ 330' FWL & 551' FNL of NE $\frac{1}{4}$ of SW $\frac{1}{4}$		SECTION - TOWNSHIP - RANGE Section 5-T3N-R3W			
FIELD & RESERVOIR (IF WILDCAT, SO STATE) Dixon Bayou - Sparta		LATITUDE - LONGITUDE (NEW WELLS) (dd.ddddd) API No. (EXISTING WELL) 23 137 20639 COUNTY Wilkinson			
PROPOSED DEPTH 7421 FEET	PROPOSED LENGTH OF SURFACE CASING 640 FEET	NUMBER OF ACRES IN RILLING UNIT 40 ACRES	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE 330 FEET		DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL FEET
NAME OF DRILLING CONTRACTOR Alpine Well Service, Inc.					
ADDRESS P. O. Box 2217		CITY Natchez	STATE MS	ZIP 39121	
FOR CHANGE OF OPERATOR ONLY - SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF WELL					
AUTHORIZED REPRESENTATIVE SIGNATURE			NAME OF FORMER OPERATOR		
NOTE: NOTIFY AREA FIELD INSPECTOR OR FIELD DIRECTOR (JACKSON OFFICE) OF DATES OF SPUDDING AND REACHING TOTAL DEPTH. State Oil and Gas Board, 500 Greymont Avenue, Suite E, Jackson, MS 39202 601-354-7142.					
REMARKS: (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE) Unseat pkr. Pull out of hole. Found hole in joint #66. Ran pkr and tbq back in hole. Set pkr. Tested to 520 psi. Replaced 3 jts tail pipe - 67 jts in hole. Did not wash out. Witnessed by Ray Huff, MSOG inspector					
ARE THERE SEPARATELY OWNED TRACTS OR INTERESTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT? (REF. MS. STATUTE 53-3-71)	YES	NO X	IF YES, HAVE THE PERSONS OWNING THE DRILLING RIGHTS IN SAID TRACTS OR INTERESTS AND THE RIGHTS TO SHARE IN THE PRODUCTION THEREFROM AGREED TO DEVELOP THEIR LANDS AS A DRILLING UNIT AND TO THE DRILLING OF THE WELL? (REF. MS. STATUTE 53-3-71)		YES NO

EXECUTED THIS THE 17th DAY OF October, 2006

STATE OF Mississippi
COUNTY OF Hinds

SIGNATURE OF AFFIANT Mary Ellen Jones

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Mary Ellen Jones KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE ABOVE INSTRUMENT, WHO BEING BY ME DULY SWORN ON OATH, STATES THAT HE IS DULY AUTHORIZED TO MAKE THE ABOVE REPORT AND THAT HE HAS KNOWLEDGE OF THE FACTS STATED THEREIN, AND THAT SAID REPORT IS TRUE AND CORRECT.

SUBSCRIBED AND SWORN TO BEFORE ME THIS 17th DAY OF October
SEAL
NOTARY PUBLIC STATE OF MISSISSIPPI AT LARGE
MY COMMISSION EXPIRES: Aug 14, 2009
BONDED THRU NOTARY PUBLIC UNDERWRITERS

SIGNATURE Thelma A. Ammon
NOTARY PUBLIC IN AND FOR State at Large
COUNTY Mississippi

PERMIT NUMBER Verbal

APPROVAL DATE 9-22-06

APPROVED BY Ray Huff

NOTICE: BEFORE SENDING THIS FORM, BE SURE THAT ALL INFORMATION REQUESTED IS GIVEN. SEE INSTRUCTIONS ON REVERSE SIDE OF FORM.

MISSISSIPPI STATE OIL AND GAS BOARD FORM 2 (Rev. 4/01) A.P.I. WELL NUMBER			
STATE	COUNTY	WELL	

RECEIVED

OCT 20 2006

STATE OIL & GAS BOARD

MISSISSIPPI STATE OIL & GAS BOARD
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form No. 3

DESIGNATE TYPE OF COMPLETION:

New Well ☐ Work-Over ☒ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☐

DESCRIPTION OF WELL AND LEASE

Operator: Morrow Oil & Gas Co. Address: 2140 W. McDowell Rd., Jackson, MS 39204

Lease Name: Pettis Heirs S.W.D.W. Well Number: 3 Field & Reservoir: Dixon Bayou - Sparta

Location: 330' FWL & 551' FNL of the NE 1/4 of SW 1/4 in Sec.—TWP—Range or Block & Survey
Section 5-T3N-R3W

County: Wilkinson Permit number: 2001-001-051 Date Issued: 10-17-00 Previous permit number: 2001-001-051

Date spudded: 8-4-03 Date total depth reached: 11-18-74(orig.) Date completed, ready to produce: S.W.D.W. Elevation (DF, XXXXX ft. or G.M. feet): 52.6 Elevation of casing hd. flange: feet

Total depth: 7421 P.B.T.D.: ---- Single, dual or triple completion?: ---- If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion: None Rotary or cable tools used (interval): 0 - TD Drilling Contractor: -----

Was this well directionally drilled?: No Was directional survey made?: No Was copy of directional survey filed?: N/A Date filed: N/A

Type of electrical or other logs run (check logs filed with the commission): None Date filed: N/A

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	<u>12 1/4"</u>	<u>8-5/8"</u>	<u>243</u>	<u>653</u>	<u>400</u>	<u>None</u>
S.W.D.W.	<u>7-7/8"</u>	<u>4 1/2"*</u>	<u>10.50#</u>	<u>3060</u>	<u>200</u>	<u>None</u>
*Set for SW						

TUBING RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
<u>2-3/8 in.</u>	<u>2115 ft.</u>	<u>2115 ft.</u>	<u>---</u> in.	<u>---</u> ft.	<u>---</u> ft.	<u>---</u>	<u>---</u>

INNER RECORD

PERFORATION RECORD				ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD		
Number per ft.	Size & type	Depth Interval		Am't. & kind of material used	Depth Interval	
<u>4</u>	<u>----</u>	<u>2130-50, 2410-20,</u>		<u>0</u>	<u>0</u>	
		<u>2950-3000</u>				

INITIAL PRODUCTION

Date of first production: S.W.D.W. Producing method (Indicate if flowing, gas lift or pumping—if pumping, show size & type of pump.): 0

Date of test: 0 Hrs. tested: 0 Choke size: 0 Oil prod. during test: 0 bbls. Gas prod. during test: 0 MCF Water prod. during test: 0 bbls. Oil gravity: --- API (Corr)

Tubing pressure: 575 Casing pressure: 575 Cal'd rate of Production per 24 hrs.: 0 Oil: 0 bbls. Gas: 0 MCF Water: 0 bbls. Gas-oil ratio: ---

Disposition of gas (state whether vented, used for fuel or sold): Dry Hole For Sour Gas or Oil Amount H₂S: ----- Amount CO₂: -----

Executed this the 17th day of October 2006 XM
 State of Mississippi
 County of Hinds

Before me, the undersigned authority, on this day personally appeared Mary Ellen Jones known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 17th day of October 2006
 SEAL
 My commission expires -----

NOTARY PUBLIC STATE OF MISSISSIPPI AT LARGE
 MY COMMISSION EXPIRES: Aug 14, 2009
 BONDED THRU NOTARY PUBLIC UNDERWRITERS
Thelma H. Ammon
 Notary Public in and for State at Large
 County, Mississippi

Casing tests as required by Statewide Rules 11 and 12 must be made.

RECEIVED

OCT 20 2006

STATE OIL & GAS BOARD

MISSISSIPPI STATE OIL AND GAS BOARD

Form No. 3

A. P. I. Well Number

State

County

Well

MISSISSIPPI STATE OIL AND GAS BOARD APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

☐ APPLICATION TO DRILL
 ☒ FORM No. 2 WORKOVER
 ☐ CHANGE OF OPERATOR

NAME OF COMPANY OR OPERATOR Morrow Oil & Gas Co.			DATE 11-14-05	
CITY Jackson		STATE MS	ZIP 39204	TELEPHONE 601-372-6613
ADDRESS 2140 West McDowell Road		WELL NO. 3	ELEVATION (GROSS) 52.6 DF	CIRCLE TYPE OF PROPOSED WELL OIL GAS OTHER (NAME) S.W.D.W.
NAME OF WELL Pettis Heirs		SECTION - TOWNSHIP - RANGE Section 5-T3N-R3W		
LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) NE 1/4 of SW 1/4 330' FWL & 551' FNL of NE 1/4 of SW 1/4		LATITUDE - LONGITUDE (NEW WELLS) (dd.ddddd) 23 137 20639		
OIL & RESERVOIR (IF WILDCAT, SO STATE) Dixon Bayou - Sparta		API No. (EXISTING WELL) 23 137 20639		APPROX. DATE WORK BEGINS 9-20-05
COUNTY Wilkinson				
PROPOSED DEPTH 7421 FEET	PROPOSED LENGTH OF SURFACE CASING 640 FEET	NUMBER OF ACRES IN RILLING UNIT 40 ACRES	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE 330 FEET	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL FEET

NAME OF DRILLING CONTRACTOR
Alpine Well Service, Inc.
 ADDRESS
P. O. Box 2217
 CITY
Natchez
 STATE
MS
 ZIP
39121

FOR CHANGE OF OPERATOR ONLY - SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF WELL
 AUTHORIZED REPRESENTATIVE SIGNATURE _____ NAME OF FORMER OPERATOR _____

RECEIVED
NOV 23 2005

NOTE: NOTIFY AREA FIELD INSPECTOR OR FIELD DIRECTOR (JACKSON OFFICE) OF DATES OF SPUDDING AND REACHING TOTAL DEPTH.
 State Oil and Gas Board, 500 Greymont Avenue, Suite E, Jackson, MS 39202 601-354-7142

REMARKS: (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE)
Unseat pkr; Pull out of hole. Found hole in joint #63. Ran mule shoe and washed 6 1/2 jts sand. POOH and removed mule shoe. Ran pkr and tbg back in hole. Set pkr. Tested to 500 psi. Ran 6 jts tail pipe - 67 jts in hole.
Test witnessed by MSOG inspector James Zeigler.

ARE THERE SEPARATELY OWNED TRACTS OR INTERESTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS REQUESTED? (REF. MS. STATUTE 53-3-7)	YES	NO	IF YES, HAVE THE PERSONS OWNING THE DRILLING RIGHTS IN SAID TRACTS OR INTERESTS AND THE RIGHTS TO SHARE IN THE PRODUCTION THEREFROM AGREED TO DEVELOP THEIR LANDS AS A DRILLING UNIT AND TO THE DRILLING OF THE WELL? (REF. MS. STATUTE 53-3-7)	YES	NO
		X			

EXECUTED THIS THE **14th** DAY OF **November**, 20**05**
 STATE OF **Mississippi**
 COUNTY OF **Hinds**

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED **Mary Ellen Jones** KNOWN TO ME TO BE THE PERSON WHOSE NAME IS
 SUBSCRIBED TO THE ABOVE INSTRUMENT, WHO BEING BY ME DULY SWORN ON OATH, STATES THAT HE IS DULY AUTHORIZED TO MAKE THE ABOVE REPORT AND THAT HE HAS KNOWLEDGE OF THE FACTS
 STATED THEREIN, AND THAT SAID REPORT IS TRUE AND CORRECT.
 SUBSCRIBED AND SWORN TO BEFORE ME, PUBLIC STATE OF MISSISSIPPI AT LARGE
MY COMMISSION EXPIRES: Aug 14, 2009
BONDED THRU NOTARY PUBLIC UNDERWRITERS
 Signature **Thelma A. Amman**
 NOTARY PUBLIC IN AND FOR **State at Large**
 COUNTY **Mississippi**

PERMIT NUMBER **Verbal**
 APPROVAL DATE **9-19-05**
 APPROVED BY **James Zeigler**
 NOTICE: BEFORE SENDING THIS FORM, BE SURE THAT ALL INFORMATION REQUESTED IS GIVEN. SEE INSTRUCTIONS ON REVERSE SIDE OF FORM.

MISSISSIPPI STATE OIL AND GAS BOARD
FORM 2 (Rev. 4/01)
A.P.I. WELL NUMBER
STATE **23** COUNTY **137** WELL **20639**

MISSISSIPPI STATE OIL & GAS BOARD WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form No. 3

DESIGNATE TYPE OF COMPLETION:

New Well ☐ Work-Over ☒ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☐

DESCRIPTION OF WELL AND LEASE

Operator Morrow Oil & Gas CO.		Address 2140 W. McDowell Rd., Jackson MS 39204	
Lease Name Pettis Heirs S.W.D.W.		Well Number 3	Field & Reservoir Dixon Bayou - Sparta
Location 330' FWL & 551' FNL of the NE 1/4 of SW 1/4 in		Sec.—TWP—Range or Block & Survey Section 5-T3N-R3W	
County Wilkinson	Permit number 2001-001-051	Date Issued	Previous permit number 2001-COI-051
Date spudded 8-4-03	Date total depth reached 11-18-74(orig.)	Date completed, ready to produce S.W.D.W.	Elevation (DF, BKB, BSK, BSK, BSK) feet 52.6
Total depth 7421	P.B.T.D.	Single, dual or triple completion?	If this is a dual or triple completion, furnish separate report for each completion.
Producing interval (s) for this completion None		Rotary or cable tools used (interval) 0 - TD	Drilling Contractor
Was this well directionally drilled? No	Was directional survey made? N/A	Was copy of directional survey filed? N/A	Date filed N/A
Type of electrical or other logs run (check logs filed with the commission) None			Date filed N/A

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	12 1/4"	8-5/8"	243	653	400	None
S.W.D.W.	7-7/8"	4 1/2"*	10.50#	3060	200	None
*Set for SW						

TUBING RECORD

INNER RECORD

Size 2-3/8in.	Depth set 2115 ft.	Packer set at 2115 ft.	Size --- in.	Top --- ft.	Bottom --- ft.	Sacks cement ---	Screen (ft.) ---
PERFORATION RECORD				ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD			
Number per ft. 4	Size & type ---	Depth Interval 2130-50, 2410-20, 2950-3000		Am't. & kind of material used 0		Depth Interval ---	

INITIAL PRODUCTION

STATE OIL & GAS BOARD

Date of first production S.W.D.W.		Producing method (Indicate if flowing, gas lift or pumping—If pumping, show size & type of pump;) 0					
Date of test 0	Hrs. tested 0	Choke size 0	Oil prod. during test 0 bbls.	Gas prod. during test 0 MCF	Water prod. during test 0 bbls.	Oil gravity --- API (Corr)	
Tubing pressure 575	Casing pressure 575	Cal'd rate of Production per 24 hrs.	Oil 0 bbls.	Gas 0 MCF	Water 0 bbls.	Gas-oil ratio ---	
Disposition of gas (state whether vented, used for fuel or sold): Dry Hole				For Sour Gas or Oil Amount H ₂ S: Amount CO ₂ :			

Executed this the 14th day of November, 19 05

State of Mississippi

County of Hinds

Signature of Affiant
Mary Ellen Jones
Mary Ellen Jones known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 14th day of November, 19 05

SEAL
NOTARY PUBLIC STATE OF MISSISSIPPI AT LARGE
MY COMMISSION EXPIRES: Aug 14, 2009
BONDED THRU NOTARY PUBLIC UNDERWRITERS

Notary Public in and for Mississippi
County, Mississippi

Casing tests as required by Statewide Rules 11 and 12 must be made.

MISSISSIPPI STATE OIL AND GAS BOARD

Form No. 3

A. P. I. Well Number

State

County

Well

MISSISSIPPI STATE OIL & GAS BOARD WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form No. 3

DESIGNATE TYPE OF COMPLETION:

New Well ☐ Work-Over ☒ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☐

DESCRIPTION OF WELL AND LEASE

Operator Morrow Oil & Gas Co.		Address 2140 W. McDowell Rd., Jackson, MS 39204	
Lease Name Pettis Heirs S.W.D.W.		Well Number 3	Field & Reservoir Dixon Bayou - Sparta
Location 330' FWL & 551' FWL of the NE/4 of SW/4 in		Sec.—TWP—Range or Block & Survey Section 5-T3N-R3W	
County Wilkinson	Permit number 2001-COI-051	Date Issued	Previous permit number 2001-COI-051
Date spudded 8-4-03	Date total depth reached 11-18-74(orig.)	Date completed, ready to produce S.W.D.W.	Elevation (DF, XXXXXX) feet 52.6
Total depth 7421	P.B.T.D. ----	Single, dual or triple completion? ----	If this is a dual or triple completion, furnish separate report for each completion.
Producing interval (s) for this completion None		Rotary or cable tools used (interval) 0 - TD	Drilling Contractor
Was this well directionally drilled? NO	Was directional survey made? N/A	Was copy of directional survey filed? N/A	Date filed N/A
Type of electrical or other logs run (check logs filed with the commission) None			Date filed N/A

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	12 1/4"	8-5/8"	243	653	400	None
S.W.D.W.	7-7/8"	4 1/2" *	10.50#	3060	200	None
*Set for SW						

TUBING RECORD

Size	Depth set	Packer set at	Size	Top'	Bottom'	Sacks cement	Screen (ft.)
2-3/8 in.	2115 ft.	2115 ft.	---	---	---	---	---

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
4	----	2130-50, 2410-20	0	0
		2950-3000		

INITIAL PRODUCTION

Date of first production S.W.D.W.		Producing method (Indicate if flowing, gas lift or pumping—If pumping, show size & type of pump;) 0					
Date of test 0	Hrs. tested 0	Choke size 0	Oil prod. during test 0 bbls.	Gas prod. during test 0 MCF	Water prod. during test 0 bbls.	Oil gravity --- @ API (Corr)	
Tubing pressure	Casing pressure 575	Cal'd rate of Production per 24 hrs.	Oil 0 bbls.	Gas 0 MCF	Water 0 bbls.	Gas-oil ratio ---	

Disposition of gas (state whether vented, used for fuel or sold):
Dry Hole

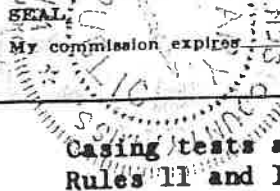
For Sour Gas or Oil
Amount H₂S: _____ Amount CO₂: _____

Executed this the 19th day of August, 19 2003
State of Mississippi
County of Hinds

W. E. Morrow
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared W. E. Morrow known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 19th day of August, 19 2003

SEAL:  NOTARY PUBLIC STATE OF MISSISSIPPI AT LARGE
MY COMMISSION EXPIRES: **Aug 14, 2003**
BONDED THRU NOTARY PUBLIC UNDERWRITERS

Thelma Th. Ammon
Notary Public in and for State at Large
County, Mississippi

Casing tests as required by Statewide Rules 11 and 12 must be made.

RECEIVED

AUG 22 2003

State 23

MISSISSIPPI STATE OIL AND GAS BOARD

Form No. 3

A. P. I. Well Number

County 151

20639 Well

STATE OIL & GAS BOARD

MISSISSIPPI STATE OIL AND GAS BOARD

APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

FORM No. 2
WORKOVER

CHANGE OF OPERATOR

☐ APPLICATION TO DRILL

☒

☐

NAME OF COMPANY OR OPERATOR Morrow Oil & Gas Co.				DATE 8-19-03	
ADDRESS 2140 West McDowell Road		CITY Jackson	STATE MS	ZIP 39204	TELEPHONE 601-372-6613
NAME OF WELL Pettis Heirs		WELL NO. 3	ELEVATION (G.M.M.M.) 52.6 DF		CIRCLE TYPE OF PROPOSED WELL OIL GAS OTHER (NAME) S.W.D.W.
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) NE$\frac{1}{4}$ of SW$\frac{1}{4}$ 330' FWL & 551' FNL of NE$\frac{1}{4}$ of SW$\frac{1}{4}$		SECTION - TOWNSHIP - RANGE Section 5-T3N-R3W			
		LATITUDE - LONGITUDE (NEW WELLS) (dd.ddddd)			
FIELD & RESERVOIR (IF WILDCAT, SO STATE) Dixon Bayou- Sparta		API No. (EXISTING WELL) 23 137 20639		APPROX. DATE WORK BEGINS 8-4-03	
COUNTY Wilkinson					
PROPOSED DEPTH 7421 FEET	PROPOSED LENGTH OF SURFACE CASING 640 FEET	NUMBER OF ACRES IN RILLING UNIT 40 ACRES	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE 330 FEET		DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL FEET
NAME OF DRILLING CONTRACTOR Alpine Well Service, Inc.					
ADDRESS P. O. Box 2217		CITY Natchez	STATE MS	ZIP 39121	
FOR CHANGE OF OPERATOR ONLY - SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF WELL					
AUTHORIZED REPRESENTATIVE SIGNATURE			NAME OF FORMER OPERATOR		
<p>NOTE: NOTIFY AREA FIELD INSPECTOR OR FIELD DIRECTOR (JACKSON OFFICE) OF DATES OF SPUDDING AND REACHING TOTAL DEPTH. State Oil and Gas Board, 500 Greymont Avenue, Suite E, Jackson, MS 39202 601-354-7142</p> <p>REMARKS: (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE)</p> <p>Unseat pkr. Pull tbg out of hole. Remove pkr & put on mule shoe. Ran tbg back in hole & tagged sand @ 71 jts (2216'). Wash out sd. Ran 68 jts to 2119.95', 9 jts tail pipe @ 2308.65'. Pull out of hole & took off mule shoe. Put on pkr & ran tbg in hole. Set pkr & tested to 500 psi.* NU well and RD.</p> <p>*Test witnessed by Mr. James Zeigler, Miss. St. O&G Board</p>					
ARE THERE SEPARATELY OWNED TRACTS OR INTERESTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT? (REF. MS. STATUTE 53-3-7)		YES	NO X	IF YES, HAVE THE PERSONS OWNING THE DRILLING RIGHTS IN SAID TRACTS OR INTERESTS AND THE RIGHTS TO SHARE IN THE PRODUCTION THEREFROM AGREED TO DEVELOP THEIR LANDS AS A DRILLING UNIT AND TO THE DRILLING OF THE WELL? (REF. MS. STATUTE 53-3-7)	
				YES	NO

EXECUTED THIS THE 19th DAY OF August, 2003

STATE OF Mississippi

COUNTY OF Hinds

SIGNATURE OF AFFIANT

W. E. Morrow

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED

W. E. Morrow

KNOWN TO ME TO BE THE PERSON WHOSE NAME IS

SUBSCRIBED TO THE ABOVE INSTRUMENT, WHO BEING BY ME DULY SWORN ON OATH, STATES THAT HE IS DULY AUTHORIZED TO MAKE THE ABOVE REPORT AND THAT HE HAS KNOWLEDGE OF THE FACTS STATED THEREIN, AND THAT SAID REPORT IS TRUE AND CORRECT.

SUBSCRIBED AND SWORN TO BEFORE ME THIS 19th DAY OF August
 SEAL NOTARY PUBLIC STATE OF MISSISSIPPI AT LARGE
 MY COMMISSION EXPIRES: Aug 14, 2005
 BONDED THRU NOTARY PUBLIC UNDERWRITERS
 MY COMMISSION EXPIRES

August

20 03

Signature

Thelma H. Ammons

NOTARY PUBLIC IN AND FOR

State at Large

COUNTY

Mississippi

PERMIT NUMBER

APPROVAL DATE

APPROVED BY

NOTICE: BEFORE SENDING THIS FORM, BE SURE THAT ALL INFORMATION REQUESTED IS GIVEN. SEE INSTRUCTIONS ON REVERSE SIDE OF FORM.

MISSISSIPPI STATE OIL AND GAS BOARD
FORM 2 (Rev. 4/01)
A.P.I. WELL NUMBER

STATE

23

COUNTY

157

WELL

20639

RECEIVED

AUG 22 2003

STATE OIL & GAS BOARD

MISSISSIPPI STATE OIL & GAS BOARD WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form No. 3

DESIGNATE TYPE OF COMPLETION:

New Well ☐ Work-Over ☒ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☐

DESCRIPTION OF WELL AND LEASE

Operator Morrow Oil & Gas Co.		Address 2140 W. McDowell Rd., Jackson, MS 39204		
Lease Name Pettis Heirs S.W.D.W.		Well Number 3	Field & Reservoir Dixon Bayou - Sparta	
Location 330' FWL & 551' FNL of the NE/4 of SW/4 in		Sec.—TWP—Range or Block & Survey Section 5-T3N-R3W		
County Wilkinson	Permit number 2001-COI-051	Date Issued 10-17-2000	Previous permit number 120	Date Issued 9-16-74
Date spudded 10-3-01	Date total depth reached 11-18-74(orig.)	Date completed, ready to produce S.W.D.W.	Elevation (DF, RECORDED) 52.6 feet	Elevation of casing hd. flange feet
Total depth 7421	P.E.T.D. -----	Single, dual or triple completion?		If this is a dual or triple completion, furnish separate report for each completion.
Producing interval (s) for this completion None		Rotary or cable tools used (interval) 0 - TD		Drilling Contractor Reliable Production Ser.
Was this well directionally drilled? No	Was directional survey made? N/A	Was copy of directional survey filed? N/A	Date filed N/A	
Type of electrical or other logs run (check logs filed with the commission) None				Date filed N/A

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	12 1/4"	8-5/8"	24#	653	400	None
S.W.D.W.	7-7/8"	4 1/2"*	10.50#	3060	200	None
*Set for SW						

TUBING RECORD

INNER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2-3/8 in.	2115 ft.	2115 ft.	--- in.	--- ft.	--- ft.	---	---

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
4	---	2130'-50', 2410'-20'	0	0
		2950'-3000'		

INITIAL PRODUCTION

Date of first production DRY HOLE SWDW		Producing method (Indicate if flowing, gas lift or pumping—If pumping, show size & type of pump): 0					
Date of test 0	Hrs. tested 0	Choke size 0	Oil prod. during test 0 bbls.	Gas prod. during test 0 MCF	Water prod. during test 0 bbls.	Oil gravity --- ° API (Corr)	
Tubing pressure	Casing pressure 575	Cal'd rate of Production per 24 hrs.	Oil 0 bbls.	Gas 0 MCF	Water 0 bbls.	Gas-oil ratio ---	

Disposition of gas (state whether vented, used for fuel or sold): Dry Hole	For Sour Gas or Oil Amount H ₂ S:	Amount CO ₂ :
--	---	--------------------------

Executed this the 31st day of October in 2001
 State of Mississippi
 County of Hinds

Before me, the undersigned authority, on this day personally appeared W.E. Morrow known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 31st day of October in 2001

SEAL
 My commission expires August 14, 2005
 Notary Public in and for State of Large
Mississippi

Casing tests as required by Statewide Rules 11 and 12 must be made.

MISSISSIPPI STATE OIL AND GAS BOARD

Form No. 3

A. P. I. Well Number **23-157-20639**

State Mississippi County Wilkinson Well Dixie Bayou

MISSISSIPPI STATE OIL & GAS BOARD WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form No. 3

DESIGNATE TYPE OF COMPLETION:

New Well ☐ Work-Over ☒ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☐

DESCRIPTION OF WELL AND LEASE

Operator Morrow Oil & Gas Co.		Address 2140 W. McDowell Rd., Jackson, MS 39204	
Lease Name Pettis Heirs S.W.D.W.		Well Number 3	Field & Reservoir Dixon Bayou - Sparta
Location 330' FWL & 551' FNL of the NE/4 of SW/4 in		Sec.—TWP—Range or Block & Survey Section 5-T3N-R3W	
County Wilkinson	Permit number 2001-COI-051	Date Issued 10-17-2000	Previous permit number 120
Date spudded 10-3-01	Date total depth reached 11-18-74(orig.)	Date completed, ready to produce S.W.D.W.	Elevation (DF, FEET TO TOP OF) 52.6 feet
Total depth 7421	P.B.T.D. ----	Single, dual or triple completion? ---	If this is a dual or triple completion, furnish separate report for each completion.
Producing interval (s) for this completion None		Rotary or cable tools used (interval) 0 - TD	Drilling Contractor Reliable Production Ser.
Was this well directionally drilled? No	Was directional survey made? N/A	Was copy of directional survey filed? N/A	Date filed N/A
Type of electrical or other logs run (check logs filed with the commission) None			Date filed N/A

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	12 $\frac{1}{4}$ "	8-5/8"	24#	653	400	None
S.W.D.W.	7-7/8"	4 $\frac{1}{2}$ "*	10.50#	3060	200	None
*Set for SW						

TUBING RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2-3/8 in.	2115 ft.	2115 ft.	---	---	---	---	---

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
4	---	2130'-50', 2410'-20'	0	0
		2950'-3000'		

INITIAL PRODUCTION

Date of first production XXXXXX - SWDW		Producing method (Indicate if flowing, gas lift or pumping—If pumping, show size & type of pump;) 0					
Date of test 0	Hrs. tested 0	Choke size 0	Oil prod. during test 0 bbls.	Gas prod. during test 0 MCF	Water prod. during test 0 bbls.	Oil gravity --- ° API (Corr)	
Tubing pressure	Casing pressure 575	Cal'd rate of Production per 24 hrs.	Oil 0 bbls.	Gas 0 MCF	Water 0 bbls.	Gas-oil ratio ---	
Disposition of gas (state whether vented, used for fuel or sold): Dry Hole				For Sour Gas or Oil Amount H ₂ S: Amount CO ₂ :			

Executed this the 31st day of October, 2001

State of Mississippi

County of Hinds

Before me, the undersigned authority, on this day personally appeared W.E. Morrow known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 31st day of October, 2001

SEAL August 14, 2005

My commission expires

Signature of Affiant
W.E. Morrow

Notary Public in and for State at Large
County, Mississippi

Casing tests as required by Statewide Rules 11 and 12 must be made.

MISSISSIPPI STATE OIL AND GAS BOARD

Form No. 3

A. P. I. Well Number **23-157-20639**

State Mississippi County Wilkinson Well Pettis Heirs #3
S.W.D.W.

APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

☐ APPLICATION TO DRILL

☒ WORKOVER

☐ CHANGE OPERATOR

NAME OF COMPANY OR OPERATOR Morrow Oil & Gas Co.		DATE 10-16-01	
ADDRESS 2140 West McDowell Road	CITY Jackson	STATE MS	ZIP 39204
NAME OF WELL Pettis Heirs		WELL NO. #3	ELEVATION (GROUND)
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) The NE Quarter of SW Quarter (NE 1/4 of SW 1/4) Section 5, T3N-R3W, Wilkinson County, Miss. 330' FWL & 551' FNL of the NE/4 of SW/4 in SECTION 5 TOWNSHIP 3N RANGE 3W		CIRCLE TYPE OF PROPOSED WELL OIL GAS OTHER (NAME) Salt Water	
FIELD & RESERVOIR (IF WILDCAT, SO STATE) Dixon Bayou, Sparta		COUNTY Wilkinson	APPROX. DATE WORK BEGINS 10-0-01
PROPOSED DEPTH 7241 FEET	PROPOSED LENGTH OF SURFACE CASING 640 FEET	NUMBER OF ACRES IN DRILLING UNIT 40 ACRES	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE 330 FEET
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL FEET			
NAME OF DRILLING CONTRACTOR Reliable Production Service, Inc.			
ADDRESS 1090 Cinclare Drive		CITY Port Allen	STATE LA
		ZIP 70767-3235	
FOR CHANGE OF OPERATOR ONLY - SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF WELL			
AUTHORIZED REPRESENTATIVE SIGNATURE		NAME OF FORMER OPERATOR	
H ₂ S OPERATIONS (FOR STAFF USE ONLY)			
FORM 19: DATE REQUESTED	DATE RECEIVED	DATE APPROVED	
CONTINGENCY PLAN: DATE RECEIVED		DATE APPROVED	
NOTE: NOTIFY AREA FIELD INSPECTOR OR FIELD DIRECTOR (JACKSON OFFICE) OF DATES OF SPUDDING AND REACHING TOTAL DEPTH. State Oil and Gas Board, 500 Graymont Avenue, Suite E, Jackson, MS 39202 601-354-7142 10-3-01:			
REMARKS: (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE) MI & RU WO rig. ND wellhead. Welder cut ring off csg, tbg broke off on top of wellhead. Had welder weld connections on tbg. Put on pup joint. Unset pkr. NU BOP's. Pull out of hole w/68 jts 2-7/8" tbg & Halco pkr. SI for night. (10-4-01) RU test truck. Test 10 jts. Did not test. Made decision to lay down 2-7/8" & replace w/2-3/8". RD & release test truck. Ran in hole w/2-7/8" & POOH laying down. SI for night. (10-5-01) PU arrow SL shear pkr. PU & ran in hole w/69 jts (2115.40') 2-3/8" J-55 tbg. Set pkr. Test csg to 500#. Test o.k. Unset pkr. ND BOP's. Set pkr 18,000# tension. Pulled on pkr. NU wellhead. MIT test to 500#. Test o.k. RD & release rig.			
ARE THERE SEPARATELY OWNED TRACTS OR INTERESTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT? (REF. MS. STATUTE 53-3-7)	YES	NO	IF YES, HAVE THE PERSONS OWNING THE DRILLING RIGHTS IN SAID TRACTS OR INTERESTS AND THE RIGHTS TO SHARE IN THE PRODUCTION THEREFROM AGREED TO DEVELOP THEIR LANDS AS A DRILLING UNIT AND TO THE DRILLING OF THE WELL? (REF. MS. STATUTE 53-3-7)
		YES	NO

EXECUTED THIS THE 16th DAY OF October
STATE OF Mississippi
COUNTY OF Hinds

W. E. MORROW
SIGNATURE OR AFFIANT
KNOWN TO ME

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE ABOVE INSTRUMENT, WHO BEING BY ME DULY SWORN ON OATH, STATES THAT HE IS DULY AUTHORIZED TO MAKE THE ABOVE REPORT AND THAT HE HAS KNOWLEDGE OF THE FACTS STATED THEREIN, AND THAT SAID REPORT IS TRUE AND CORRECT.

October 16th 2001

Thelma H. Ammon
NOTARY PUBLIC IN AND FOR State at Large
COUNTY Mississippi

SEAL: NOTARY PUBLIC STATE OF MISSISSIPPI AT LARGE
MY COMMISSION EXPIRES: Aug 14, 2005
BONDED THRU NOTARY PUBLIC UNDERWRITERS

PERMIT NUMBER
APPROVAL DATE 10/26/2001
APPROVED BY RVO

NOTICE: BEFORE SENDING THIS FORM BE SURE THAT ALL INFORMATION REQUESTED IS GIVEN.
SEE INSTRUCTIONS ON REVERSE SIDE OF FORM

MISSISSIPPI STATE OIL AND GAS BOARD		
FORM NO. 2 (Rev. 4-90)		
A.P.I. WELL NUMBER	23-157-20639	
STATE	COUNTY	WELL
Mississippi	Wilkinson	Pettis Heirs #3

S.W.D.W.

MISSISSIPPI STATE OIL & GAS BOARD WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form No. 3

DESIGNATE TYPE OF COMPLETION:

New Well ☐ Work-Over ☒ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☐

DESCRIPTION OF WELL AND LEASE

Operator Morrow Oil & Gas Co.		Address 2140 West McDowell Rd., Jackson, MS 39204	
Lease Name Pettis Heirs S.W.D.W.		Well Number 3	Field & Reservoir Dixon Bayou - Sparta
Location 330' FWL & 551' FNL of the NE/4 of SW/4 in		Sec.—TWP—Range or Block & Survey Sec. 5-T-3N-R3W	
County Wilkinson	Permit number 2001-COI-051	Date Issued 10-17-2000	Previous permit number 120
Date spudded 10-3-01	Date total depth reached 11-18-74 (orig.)	Date completed, ready to produce S.W.D.W.	Elevation (DF. XXXXXXXXXX) 52.6 feet
Total depth 7421	P.B.T.D. ---	Single, dual or triple completion? ---	If this is a dual or triple completion, furnish separate report for each completion.
Producing interval (s) for this completion None		Rotary or cable tools used (interval) 0 - TD	Drilling Contractor Reliable Production Ser.
Was this well directionally drilled? No	Was directional survey made? N/A	Was copy of directional survey filed? N/A	Date filed N/A
Type of electrical or other logs run (check logs filed with the commission) None			Date filed N/A

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	12 1/4"	8-5/8"	24#	653	400	None
S.W.D.W.	7-7/8"	4 1/2"*	10.50#	3060	200	None
*Set 4 1/2" for SW						

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2-3/8" In.	ft.	2115 ft.	---	---	---	---	---

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
0	0	0	0	0

INITIAL PRODUCTION

Date of first production Dry Hole		Producing method (Indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) 0					
Date of test 0	Hrs. tested 0	Choke size 0	Oil prod. during test 0 bbls.	Gas prod. during test 0 MCF	Water prod. during test 0 bbls.	Oil gravity --- ° API (Corr)	
Tubing pressure ---	Casing pressure 575	Cal'd rate of Production per 24 hrs.	Oil 0 bbls.	Gas 0 MCF	Water 0 bbls.	Gas-oil ratio ---	
Disposition of gas (state whether vented, used for fuel or sold): Dry Hole				For Sour Gas or Oil Amount H ₂ S: Amount CO ₂ :			

Executed this the 16th day of October, XX 2001
 State of Mississippi
 County of Hinds

Before me, the undersigned authority, on this day personally appeared W. E. Morrow known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 16th day of October, XX 2001
Thelma H. Ammon
 Notary Public in and for Mississippi
 County, Mississippi

SEAL
 NOTARY PUBLIC STATE OF MISSISSIPPI AT LARGE
 MY COMMISSION EXPIRES: Aug 14, 2005
 BONDED THRU NOTARY PUBLIC UNDERWRITERS

Casing tests as required by
 Rules 11 and 12 must be made.

OCT 25 2001

STATE OIL &
 GAS BOARD

MISSISSIPPI STATE OIL AND GAS BOARD

Form No. 3

A. P. I. Well Number 23-157-20639

State Mississippi County Wilkinson Well Pettis Hrs #3
S.W.D.W.

APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

127343
APPLY TO DRILL ☐ WORKOVER ☐ CHANGE OPERATOR ☒

NAME OF COMPANY OR OPERATOR Morrow Oil & Gas Company				DATE 09/25/00	
ADDRESS 2140 West McDowell Road		CITY Jackson	STATE Mississippi	ZIP 39204	TELEPHONE (601) 372-6613
NAME OF WELL Pettis Heirs		WELL NUMBER #3	ELEVATION (GROUND)		CHECK THE TYPE OF PROPOSED WELL
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) The NE Quarter of SW Quarter (NE 1/4 of SW 1/4) Section 5, T3N-R3W, Wilkinson County, MS					OIL _____
330' FWL & 551' FNL of the NE/4 of SW/4 in			SECTION 5 T 3N R 3W		GAS _____
FIELD & RESERVOIR (IF WILDCAT, SO STATE) Dixon Bayou, Sparta			COUNTY Wilkinson		OTHER (NAME) Salt Water
PROPOSED DEPTH 7,421 FEET			PROPOSED LENGTH OF SURFACE CASING 640 FEET	NUMBER OF ACRES IN DRILLING UNIT 40	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE 330 FEET
NAME OF DRILLING CONTRACTOR _____					
ADDRESS _____					
FOR CHANGE OF OPERATOR ONLY					
SIGNATURE OF FORMER OPERATOR REQUIRED <i>James M. Bigler</i>			NAME OF FORMER OPERATOR Biglane Operating Company		
FOR TRANSFER OF WELL			AUTHORIZED REPRESENTATIVE SIGNATURE		
H S OPERATIONS (FOR STAFF USE ONLY) 2			NOTICE: PRIOR TO BEGINNING WORK NOTIFY OIL & GAS BOARD REPRESENTATIVE		
FORM NO. 19:		DATE REQUESTED _____	DATE RECEIVED _____		
CONINGENCY PLAN		DATE RECEIVED _____	DATE AP _____		
NOTE: Notify area field inspector or field director (Jackson office) of dates of spudding and reaching total depth. State Oil and Gas Board, P.O. Box 1332, Jackson, MS 39215-1332					
REMARKS (IF THIS IS AN APPLICATION TO WORKOVER BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE)					
To change operator: Effective 09/25/00					
OCT 12 2000 STATE OIL & GAS BOARD					
YES _____ NO _____ ARE THERE SEPARATELY OWNED TRACTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT?			YES _____ NO _____ IF SO, HAVE THE PERSONS OWNING THE DRILLING RIGHTS IN SAID TRACTS AND THE RIGHTS TO SHARE IN THE PRODUCTION THEREFROM AGREED TO DEVELOP THEIR LANDS AS A DRILLING UNIT AND TO THE DRILLING OF THE WELL?		
EXECUTED THIS THE <u>25th</u> DAY OF <u>Sept.</u> 20 <u>00</u> STATE OF <u>Mississippi</u> COUNTY OF <u>Adams</u>			SIGNATURE OF AFFIANT <i>William E. Morrow</i> KNOWN TO ME TO		
BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE ABOVE INSTRUMENT, WHO BEING BY ME DULY SWORN ON OATH STATES, THAT HE IS DULY AUTHORIZED TO MAKE THE ABOVE REPORT AND THAT HE HAS KNOWLEDGE OF THE FACTS STATED THEREIN, AND THAT SAID REPORT IS TRUE AND CORRECT.					
SUBSCRIBED AND SWORN TO BEFORE ME THIS <u>25th</u> DAY OF <u>Sept.</u> 20 <u>00</u>					
SEAL MY COMMISSION EXPIRES <u>10-29-01</u>			NOTARY PUBLIC IN AND FOR <u>Mississippi</u> COUNTY <u>Adams</u>		
PERMIT NUMBER <u>2001-COI-051</u> APPROVAL DATE <u>10/11/2000</u> APPROVED BY <u>RST</u> NOTICE BEFORE SENDING IN THIS FORM BE SURE THAT YOU HAVE GIVEN ALL INFORMATION REQUESTED			MISSISSIPPI STATE OIL AND GAS BOARD FORM NO. 2 (REV 10-86) A.P.I. WELL NUMBER STATE <u>23</u> COUNT <u>157</u> WELL <u>20639</u>		
SEE INSTRUCTIONS ON REVERSE SIDE OF FORM					

MISSISSIPPI STATE OIL & GAS BOARD

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form No. 3

DESIGNATE TYPE OF COMPLETION:

New Well ☐ Work-Over ☒ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☐

DESCRIPTION OF WELL AND LEASE

Operator **BIGLANE OPERATING COMPANY** Address **P.O. BOX 966 Natchez, Mississippi 39120**
 Lease Name **PETTIS HEIRS SWD** Well Number **3** Field & Reservoir **Dixons Bayou - CATAHOULA**

Location **330' FWL & 551' FNL in NE/4 of SW/4** Sec.—TWP—Range or Block & Survey **Sec 5 3N-3W**
 County **WILKINSON** Permit number **120** Date Issued **12-16-74**

Date spudded **11-74** Date total depth reached **3060** Date completed, ready to produce **52** Elevation (DF, RKB, RT or Gr.) **52** feet
 Total depth **7421** P.B.T.D. **3060** Single, dual or triple completion? **no** If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion **SWD inject @ 2110 to 3000** Rotary or cable tools used (interval) **no** Drilling Contractor **BY SCHLUMBERGER**
 Was this well directionally drilled? **no** Was directional survey made? **no** Was copy of directional survey filed? **no** Date filed **BY SCHLUMBERGER**
 Type of electrical or other logs run (check logs filed with the commission) **IES CET**

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
surface	12 1/4	8 5/8	24	653	400	
SWDW	7 7/8	4 1/2	10.50	3060	200	

TUBING RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2 7/8 in.	2100 ft.	2100 ft.	in.	ft.	ft.		

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
Casing Leak		2130-2150	400 sxs cement	2130-2150
	3 3/8	2410-2420		

INITIAL PRODUCTION

Date of first production **SWD** Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)

Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
			bbls.	MCF	bbls.	* API (Corr)

Tubing pressure	Casing pressure	Cal'ted rate of Pro-duction per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
			bbls.	MCF	bbls.	

Disposition of gas (state whether vented, used for fuel or sold): For Sour Gas or Oil Amount H₂S: Amount CO₂:

Executed this the 12 day of November, 1990
 State of Mississippi
 County of Adams

Signature of Affiant *James Mayo*
 James Mayo known to me to

Before me, the undersigned authority, on this day personally appeared James Mayo who being by me duly sworn on oath states, that he is duly authorized to be the person whose name is subscribed to the above instrument, and that said report is true and correct.
 make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 12 day of November, 1990

SEAL

My commission expires 4-25-91

Notary Public in and for Adams
 County, Mississippi

Casing tests as required by Statewide Rules 11 and 12 must be made.

MISSISSIPPI STATE OIL AND GAS BOARD

Form No. 3

A. P. I. Well Number

State

County

Well

APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

APPLICATION TO DRILL ☐

WORKOVER ☒

CHANGE OPERATOR ☐

NAME OF COMPANY OR OPERATOR

Biglane Operating Company

DATE

October 25, 1990

Address

P.O. BOX 966

City
Natchez,

State
Mississippi

DESCRIPTION OF WELL

Name of well

PETTIS HEIRS SWD

Well number

#3

Elevation (ground)

45.6'

Well location

(give footage from section lines)

Section—township—range or block & survey

330' FWL & 551' FNL of the NE/4 of SW/4 in

Sec 5 T3N - R3W

Field & reservoir (If wildcat, so state)

DIXON BAYOU - CATAHOULA

County

Wilkinson

Check the type of proposed well Oil _____ Gas _____ Other (Name) _____

Nearest distance from proposed location to drilling unit line

Distance from proposed location to nearest drilling, completed or applied—for well

feet

feet

Proposed depth:

feet

Proposed length of

surface casing

feet

Approx. date work will start

Number of acres in drilling unit

Name of drilling contractor

Address

City

State

FOR CHANGE OF OPERATOR ONLY

Signature of former operator required for transfer of well.

Authorized Representative Signature

Name of Former Operator

NOTE: Notify nearest field office or Jackson office on dates of spudding and reaching total depth.

State Oil and Gas Board, P.O. Box 1332, Jackson, MS 39215-1332 601-359-3725

Remarks: (If this is an application to workover, briefly describe work to be done, giving present producing zone and expected new producing zone)

Pull tubing and packer - wash sand off perfs.

Reperforate injection zone

Set Packer @ 2100 and test



☐ YES ☐ NO Are there separately owned tracts in the drilling unit for which this permit is sought?

☐ YES ☐ NO If so, has the person owning the drilling rights in said tracts and the rights to share in the production therefrom agreed to develop their lands as a drilling unit and to the drilling of the well?

Executed this the 25 day of October, 1990

State of Mississippi

County of Adams

JAMES G MAYO

Before me, the undersigned authority, on this day personally appeared JAMES G MAYO known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 25 day of October

SEAL

My commission expires 4-25-91

Notary Public in and for Adams

County, Mississippi

Permit Number:

10-30-90

Approval Date:

Approved By:

Notice: Before sending in this form be sure that you have given all information requested.

See Instructions on Reverse Side of Form

MISSISSIPPI STATE OIL AND GAS BOARD

Form No. 2 (Rev. 4/1984)

A. P. I. Well Number

State

County

Well

MISSISSIPPI STATE OIL & GAS BOARD

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form No. 3

DESIGNATE TYPE OF COMPLETION:

☐ New Well
 ☒ Work-Over
 ☐ Deepen
 ☐ Plug Back
 ☐ Same Reservoir
 ☐ Different Reservoir
 ☐ Oil
 ☐ Gas
 ☐ Dry

DESCRIPTION OF WELL AND LEASE

Operator BIGLANE OPERATING COMPANY		Address P.O. BOX 988 Natchez, Ms. 39120	
Lease Name PETTIS HEIRS SWD		Well Number 3	Field & Reservoir DIXON BAYOU - CATAHOULA
Location 330' FWL & 551' FNL in NE/4 of SW/4		Sec.—TWP.—Range or Block & Survey Sec 5 3N-3W	
County WILKINSON	Permit number	Date Issued	Previous permit number 120
Date spudded 11-74	Date total depth reached	Date completed, ready to produce	Elevation (DF, RKB, RT or Gr.) 52 feet
Total depth 7421	P.B.T.D. 3060	Single, dual or triple completion?	
Producing interval (s) for this completion SWD inject @ 2110 to 3000		Rotary or cable tools used (interval)	
Was this well directionally drilled? no		Was directional survey made?	Was copy of directional survey filed?
Type of electrical or other logs run (check logs filed with the commission) IES CET		Date filed BY SCHLUMBERGER	

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
surface	12 1/4	8 5/8	24	653	400	
SWDW	7 7/8	4 1/2	10.50	3060	200	

TUBING RECORD

Size	Depth set	Packer set at	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)
2 7/8 in.	2100 ft.	2100 ft.					

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
		2130-2150	400 sacks cement	2130-2150
		2644-2654	squeeze was not successful	

INITIAL PRODUCTION

Date of first production SWD		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)					
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)	
Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas—oil ratio	

Disposition of gas (state whether vented, used for fuel or sold):

For Sour Gas or Oil Amount H₂S: Amount CO₂:

Executed this the 2 day of MAY, 19 90

State of Mississippi

County of Adams

James Mayo
Signature of Affiant

JAMES MAYO known to me to

Before me, the undersigned authority, on this day personally appeared James Mayo be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 2 day of MAY, 19 90

Norman K. Wheeler
Notary Public in and for ADAMS County, MISSISSIPPI

SEAL 4-25-91

My commission expires

Casing tests as required by Statewide Rules 11 and 12 must be made.

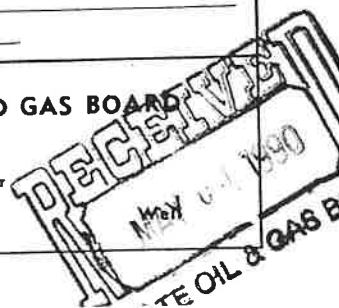
MISSISSIPPI STATE OIL AND GAS BOARD

Form No. 3

A. P. I. Well Number

State

County



MISSISSIPPI STATE OIL & GAS BOARD

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form No. 3

DESIGNATE TYPE OF COMPLETION:

New Well ☐ Work-Over ☒ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☒ Oil ☐ Gas ☐ Dry ☐

DESCRIPTION OF WELL AND LEASE

Operator BIGLANE OPERATING COMPANY		Address P.O. BOX 988 Natchez, Ms. 39120	
Lease Name PETTIS HEIRS SWD		Well Number 3	Field & Reservoir DIXONS BAYOU-CATAHOULA
Sec.—TWP.—Range or Block & Survey Sec 5-3N-3W			
Location 330' FWL & 551' FNL in NE/4 of SW/4			
County WILKINSON	Permit number	Date Issued	Previous permit number 120
Date spudded 11-74	Date total depth reached	Date completed, ready to produce	Elevation (DF, RKB, RT or Gr.) 52 feet
Total depth 7421	P.B.T.D. 3060	Single, dual or triple completion?	Elevation of casing hd. flange feet
Producing interval (s) for this completion SWD inject @ 2110 to 3000		Rotary or cable tools used (interval)	Drilling Contractor
Was this well directionally drilled? NO	Was directional survey made? NO	Was copy of directional survey filed?	Date filed NOV 13 1989
Type of electrical or other logs run (check logs filed with the commission) IES CET			Date filed NOV 13 1989

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
surface	12 1/4	8 5/8	24	653	400	
SWDW	7 7/8	4 1/2	10.50	3060	200	

TUBING RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2 7/8 in.	2100 ft.	2100 ft.	in.	ft.	ft.		
PERFORATION RECORD				ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD			
Number per ft.	Size & type	Depth Interval		Am't. & kind of material used		Depth Interval	
Casing Leak		2130-2150 2644-2654 2990-3000		400sxs cement		2130-2150	

INITIAL PRODUCTION

Date of first production SWD		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)				
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)
Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas—oil ratio
Disposition of gas (state whether vented, used for fuel or sold):				For Sour Gas or Oil Amount H ₂ S: Amount CO ₂ :		

Executed this the 14 day of November, 19 88
 State of Mississippi
 County of Adams

James G Mayo
 Signature of Affiant

Before me, the undersigned authority, on this day personally appeared JAMES G MAYO known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 14th day of November, 19 88

Norma K. Wheeler
 Notary Public in and for Adams
 County, Mississippi

SEAL
 My commission expires 4-25-91

Casing tests as required by Statewide Rules 11 and 12 must be made.

MISSISSIPPI STATE OIL AND GAS BOARD

Form No. 3

A. P. I. Well Number

State

County

Well

APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

APPLICATION TO DRILL ☐ WORKOVER ☒ CHANGE OPERATOR ☐

NAME OF COMPANY OR OPERATOR BIGLANE OPERATING COMPANY			DATE September 26, 1988		
ADDRESS P. O. Box 966		CITY Natchez,	STATE Mississippi	ZIP 39120	TELEPHONE 442-2783
NAME OF WELL PETTIS HEIRS		WELL NUMBER 3	ELEVATION (GROUND) 45.6'		CHECK THE TYPE OF PROPOSED WELL
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) 330' FWL & 551' FNL of the NE/4 of SW/4 in		SECTION 5 T 3N R 3W		OIL _____ GAS _____ OTHER (NAME) Salt Water	
FIELD & RESERVOIR (IF WILDCAT, SO STATE) DIXON BAYOU - Sparta		COUNTY Wilkinson		APPROXIMATE DATE WORK WILL START 6-23-87	
PROPOSED DEPTH: 3060'	PROPOSED LENGTH OF SURFACE CASING: 640	NUMBER OF ACRES IN DRILLING UNIT 40	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE 330'	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL 1100	

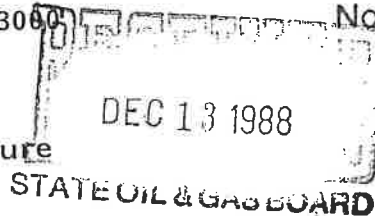
NAME OF DRILLING CONTRACTOR NEW & HUGHES DRILLING COMPANY		STATE MS	
ADDRESS P. O. Box 1487		CITY Natchez,	
FOR CHANGE OF OPERATOR ONLY SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF WELL		NAME OF FORMER OPERATOR	

H ₂ S OPERATIONS (FOR STAFF USE ONLY) FORM NO. 19: DATE REQUESTED _____	DATE RECEIVED _____	DATE APPROVED _____
CONTINGENCY PLAN: DATE RECEIVED _____		

NOTE: Notify area field inspector or field director (Jackson office) of dates of spudding and reaching total depth.
State Oil and Gas Board, P.O. Box 1332, Jackson, MS 39215-1332 601-359-3725

REMARKS: (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE)

To inject salt water @2110' to 3060'
Packer will be set @2010'
See Attached Workover Procedure



Notice: Prior To Beginning Work Notify Oil & Gas Board Representative
Alton Pate
Phone: 384-2904

<input type="checkbox"/> YES <input type="checkbox"/> NO ARE THERE SEPARATELY OWNED TRACTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT?	<input type="checkbox"/> YES <input type="checkbox"/> NO IF SO, HAVE THE PERSONS OWNING THE DRILLING RIGHTS IN SAID TRACTS AND THE RIGHTS TO SHARE IN THE PRODUCTION THEREFROM AGREED TO DEVELOP THEIR LANDS AS A DRILLING UNIT AND TO THE DRILLING OF THE WELL?
--	--

EXECUTED THIS THE <u>26th</u> DAY OF <u>September</u> , 19 <u>88</u>	<u>Michael B. Rinehart</u> SIGNATURE OF AFFIANT
STATE OF <u>Mississippi</u>	
COUNTY OF <u>Adams</u>	
BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED <u>Michael Rinehart</u> KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE ABOVE INSTRUMENT, WHO BEING BY ME DULY SWORN ON OATH STATES, THAT HE IS DULY AUTHORIZED TO MAKE THE ABOVE REPORT AND THAT HE HAS KNOWLEDGE OF THE FACTS STATED THEREIN, AND THAT SAID REPORT IS TRUE AND CORRECT.	
SUBSCRIBED AND SWORN TO BEFORE ME THIS <u>26th</u> DAY OF <u>September</u> , 19 <u>88</u>	<u>Nancy B. Kuehnle</u> NOTARY PUBLIC IN AND FOR <u>Adams</u>
SEAL	
MY COMMISSION EXPIRES <u>10/12/91</u>	COUNTY, <u>Mississippi</u>

PERMIT NUMBER: <u>W.O. 25 SWDW</u>
APPROVAL DATE: <u>12/13/88</u>
APPROVED BY: <u>[Signature]</u>
NOTICE: BEFORE SENDING IN THIS FORM BE SURE THAT YOU HAVE GIVEN ALL INFORMATION REQUESTED.

MISSISSIPPI STATE OIL AND GAS BOARD
FORM NO. 2 (REV. 10-86)
A. P. I. WELL NUMBER _____
STATE _____ COUNTY _____ WELL _____

MISSISSIPPI STATE OIL & GAS BOARD
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form No. 3

DESIGNATE TYPE OF COMPLETION: ATBO

New Well ☐ Work-Over ☒ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☐

DESCRIPTION OF WELL AND LEASE

Operator Biglane Operating Company		Address P. O. Box 988, Natchez, Ms. 39120	
Lease Name Pettis Heirs SWDW		Well Number 3	Field & Reservoir Dixon Bayou-Miosene
Location 330' FWL & 551' FNL in NE/4 of SW/4 in		Sec.—TWP—Range or Block & Survey 5 - 3N- 3W	
County Wilkinson	Permit number W. O. 67	Date Issued 12/12/75	Previous permit number 120
Date spudded SWDW	Date total depth reached	Date completed, ready to produce	Elevation of casing hd. flange 52 feet
Total depth 7421'	P.B.T.D. 3060'	Single, dual or triple completion?	Elevation of casing feet
Producing interval (s) for this completion SWD Well Injection 2990'-3000'		Rotary tools used (Interval)	Cable tools used (Interval)
Was this well directionally drilled?		Was directional survey made?	Was copy of directional survey filed?
Type of electrical or other logs run (check logs filed with the commission)		Date filed	

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	12-1/4"	8-5/8"OD	24#	653'	400	None
SWD Well	7-7/8"	4-1/2"OD	10.50#	3060'	200	None

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2-7/8 in.	2928 ft.	2931 ft.	- in.	- ft.	- ft.	-	-

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
9-Tot.	1-11/16	2990'-3000'	0	0
	Hy-Dome			

INITIAL PRODUCTION

Date of first production SWD Well		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): 0				
Date of test -	Hrs. tested -	Choke size -	Oil prod. during test - bbls.	Gas prod. during test - MCF	Water prod. during test - bbls.	Oil gravity - API (Corr)
Tubing pressure SWDW	Casing pressure 0	Cal'd rate of Production per 24 hrs.	Oil 0 bbls.	Gas 0 MCF	Water 0 bbls.	Gas-oil ratio 0

Disposition of gas (state whether vented, used for fuel or sold):

SWDW

Executed this the 17th day of December, 1975
 State of Mississippi
 County of Adams

Oscar Manceaux
 Signature of Affiant

Oscar Manceaux

Before me, the undersigned authority, on this day personally appeared Oscar Manceaux known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

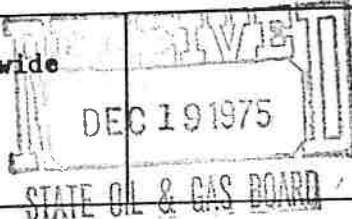
Subscribed and sworn to before me this 17th day of December, 1975

SEAL

My Commission Expires April 25, 1975

Notary Public in and for
 County, Mississippi

Casing tests as required by Statewide
 Rules 11 and 12 must be made.



MISSISSIPPI STATE OIL & GAS BOARD
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form No. 3

DESIGNATE TYPE OF COMPLETION:

New Well ☐ Work-Over ☒ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☐

DESCRIPTION OF WELL AND LEASE

Operator Biglane Operating Company		Address P. O. Box 988, Natchez, Ms. 39120	
Lease Name Pettis Heirs SWDW		Well Number 3	Field & Reservoir Dixon Bayou-Miosene
Location 330' FWL & 551' FNL in NE/4 of SW/4 in		Sec.—TWP—Range or Block & Survey 5 - 3N- 3W	
County Wilkinson	Permit number W. O. 67	Date Issued 12/12/75	Previous permit number 120
Date spudded SWDW	Date total depth reached	Date completed, ready to produce	Elevation 52 feet
Total depth 7421'	P.B.T.D. 3060'	Single, dual or triple completion?	Elevation of casing hd. flange feet
Producing interval (s) for this completion SWD Well Injection 2990'-3000'		Rotary tools used (interval)	Cable tools used (interval)
Was this well directionally drilled?	Was directional survey made?	Was copy of directional survey filed?	Date filed
Type of electrical or other logs run (check logs filed with the commission)			Date filed

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	12-1/4"	8-5/8"OD	24#	653'	400	None
SWD Well	7-7/8"	4-1/2"OD	10.50#	3060'	200	None

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2-7/8 in.	2928 ft.	2931 ft.	- in.	- ft.	- ft.	-	-

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
9-Tot.	1-11/16	2990'-3000'	0	0
	Hy-Dome			

INITIAL PRODUCTION

Date of first production SWD Well		Producing method (Indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) 0				
Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
-	-	-	- bbls.	- MCF	- bbls.	- API (Corr)
Tubing pressure	Casing pressure	Cal'ted rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
SWDW	0		0 bbls.	0 MCF	0 bbls.	0

Disposition of gas (state whether vented, used for fuel or sold):

SWDW

Executed this the 17th day of December, 19 75
 State of Mississippi
 County of Adams

Oscar Manceaux
 Signature of Affiant

Oscar Manceaux

Before me, the undersigned authority, on this day personally appeared Oscar Manceaux known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

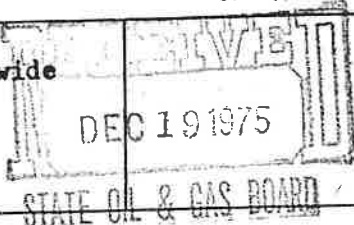
Subscribed and sworn to before me this 17th day of December, 19 75

SEAL

My Commission Expires April 25, 1976

Norma K. Myzelle
 Adams
 Notary Public in and for
 County, Mississippi

Casing tests as required by Statewide Rules 11 and 12 must be made.



APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

APPLICATION TO DRILL ☐

WORKOVER ☒

CHANGE OPERATOR ☐

NAME OF COMPANY OR OPERATOR

DATE December 2, 1975

Biglane Operating Company

Address City State
P. O. Box 988 Natchez, Mississippi 39120

DESCRIPTION OF WELL AND LEASE

Name of lease Well number Elevation (ground)
Pettis Heirs 3 45.6'

Well location (give footage from section lines) Section—township—range or block & survey
330' FWL & 551' FNL of NE/4 of SW/4 in 5- 3N - 3W

Field & reservoir (If wildcat; so, state) County
Dixon Bayou - Miosene Wilkinson

Check the type of proposed well Oil Gas Other (Name)
Salt Water Disposal Well

Nearest distance from proposed location to drilling unit line Distance from proposed location to nearest drilling, completed or applied—for well
330.00 feet

Proposed depth: Proposed length of Approx. date work will start
3060' feet surface casing feet

Number of acres in drilling unit Name of drilling contractor

Address City State

STATE OIL AND GAS BOARD OFFICES: P. O. Box 1332 JACKSON, MISS. Tel. 354-7104 or 354-7108
Bill Cauthen Natchez, Miss. Tel. 445-5041
Bob Comerio Waynesboro, Miss. Tel. 735-9400
John Loper Brookhaven, Miss. Tel. 833-5179
Percy Quin Columbia, Miss. Tel. 736-4390

NOTE: Notify nearest field office or Jackson office on dates of spudding and reaching total depth.

Remarks: (If this is an application to workover, briefly describe work to be done, giving present producing zone and expected new producing zone)
RE-ENTER DRY HOLE, CLEAN OUT AND COMPLETE AS SALT WATER DISPOSAL WELL.

AFFIDAVIT ATTACHED

RECEIVED
STATE OIL &
GAS BOARD

Executed this the 2nd. day of December, 1975
State of Mississippi
County of Adams
Signature of Affiant
Oscar Manceaux

Before me, the undersigned authority, on this day personally appeared Oscar Manceaux known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report is true and correct.

Subscribed and sworn to before me this 2nd. day of December, 1975
Notary Public in and for Adams Mississippi
My commission expires April 25, 1979

MISSISSIPPI STATE OIL AND GAS BOARD

Form No. 2

A P I Well Number

State County Well

Permit Number: W.O. 67
Approval Date: 12-12-75
Approved By: [Signature]
Notice: Before sending in this form be sure that you have given all information requested.

See Instructions on Reverse Side of Form

Section 5

T3N-R3W

BIGLANE
Pettis Heirs

330'

551'

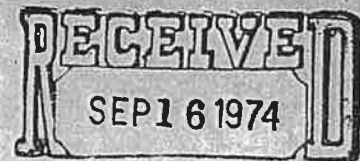
LOC.

NE 1/4 of SW 1/4

Sec. 6

Sec. 9

Sec. 10



STATE OIL & GAS BOARD

DESCRIPTION OF LOCATION: 330 feet from the west line and 551 feet from the north line of the NE 1/4 of the SW 1/4 of Section 5, T3N-R3W, Wilkinson County, Mississippi.

C. H. Kaiser, Jr.
C. H. Kaiser, Jr. Reg. C.E. No. 1368

Well Location For
BIGLANE OPERATING CO.
Pettis Heirs No. 3

in
Section 5, T3N-R3W
Wilkinson County, Mississippi



JORDAN, KAISER & SESSIONS
Civil Engineers - Natchez, Miss.

Scale: 1" = 500'

September 1974

B - 8 - 72 - (3)

Section 5

T 3N-R3W

BIGLANE
Pettis Heirs

330' LOC.

551'

NE 1/4 of SW 1/4

Sec. 6

Sec. 9

Sec. 10

DESCRIPTION OF LOCATION: 330 feet from the west line and 551 feet from the north line of the NE 1/4 of the SW 1/4 of Section 5, T3N-R3W, Wilkinson County, Mississippi.

C. H. Kaiser, Jr.
C. H. Kaiser, Jr. Reg. C.E. No. 1368

RECEIVED
STATE OIL &
GAS BOARD

Well Location For

BIGLANE OPERATING CO.
Pettis Heirs No. 3

DEC 10 1975

in
Section 5, T 3 N - R 3 W
Wilkinson County, Mississippi



JORDAN, KAISER & SESSIONS
Civil Engineers - Natchez, Miss.

Scale: 1" = 500'

September 1974

R - R - 72-(3)

Section 5

T 3 N-R 3 W

BIGLANE
Pettis Heirs

330'

551'

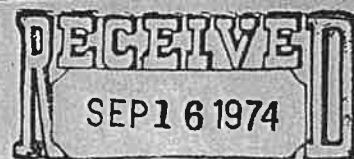
LOC.

NE 1/4 of SW 1/4

Sec. 6

Sec. 9

Sec. 10



STATE OIL & GAS BOARD

DESCRIPTION OF LOCATION: 330 feet from the west line and 551 feet from the north line of the NE 1/4 of the SW 1/4 of Section 5, T3N-R3W, Wilkinson County, Mississippi.

C. H. Kaiser, Jr.
C. H. Kaiser, Jr. Reg. C.E. No. 1368

Well Location For

BIGLANE OPERATING CO.
Pettis Heirs No. 3

in
Section 5, T 3 N-R 3 W
Wilkinson County, Mississippi



JORDAN, KAISER & SESSIONS
Civil Engineers - Natchez, Miss.

September 1974

Scale: 1" = 500'

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