

WELL NAME: PETTIS 1-A

COUNTY: WILKINSON

FIELD: N. ELLIS LAKE

SECTION. 4 TWN. 3 N RANGE. 3 W

LAT. 31.25745 LONG. -91.41638

API # 23-157-20450

BASE OF USDW: 1800'

Originally submitted 1-21-03

MISSISSIPPI STATE OIL & GAS BOARD

Form No. 3

See reverse.

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

INDICATE TYPE OF COMPLETION								
NEW WELL	WORKOVER X	DEEPEN	PLUG BACK	SAME RESERVOIR	DIFFERENT RESERVOIR	OIL X	GAS	DRY
DESCRIPTION OF WELL AND LEASE								
OPERATOR Morrow Oil & Gas Co.					ADDRESS P. O. Box 6718, Jackson, MS 39282-6718			
WELL NAME Pettis Heirs					WELL NUMBER A-1	FIELD & RESERVOIR North Ellis Lake - Armstrong Sand		
LOCATION 330' FNL & 330' FWL of SW 1/4 of NW 1/4					API No.		SEC. - TWN. - RGE. OR BLOCK & SURVEY	
COUNTY Wilkinson	PERMIT NUMBER 2003-OPD-061		DATE ISSUED		PHONE NUMBER			
DATE SPOOLED	DATE TOTAL DEPTH REACHED		DATE COMPLETED, READY TO PRODUCE		ELEVATION (OF, RKB, RT or GR)		ELEVATION OF CASING HO. FLANGE	
TOTAL DEPTH	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					DRILLING CONTRACTOR			
WAS THIS WELL DIRECTIONALLY DRILLED?		DATE DIRECTIONAL SURVEY FILED		METHOD OF RESERVE PIT DISPOSAL <input type="checkbox"/> LANDSPREADING <input type="checkbox"/> ANNULAR <input type="checkbox"/> OTHER				
TYPE OF ELECTRICAL OR OTHER LOGS RUN (Check Logs Filed with the Board)					IF ANNULAR: SURFACE CASING TEST PRESSURE (PSI) 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	AMOUNT PULLED		
TUBING RECORD				LINER RECORD				
SIZE IN.	DEPTH SET FT.	PACKER SET AT	SIZE IN.	TOP FT.	BOTTOM FT.	SACKS CEMENT	SCREEN FT.	
PERFORATION RECORD				ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD				
NUMBER PER FEET	SIZE & TYPE	DEPTH INTERVAL		AMOUNT & KIND OF MATERIAL USED		DEPTH INTERVAL		
INITIAL PRODUCTION								
DATE OF FIRST PRODUCTION		PRODUCING METHOD (Indicate if Flowing, Gas Lift or Pumping - If Pumping, Indicate Size & Type of Pump)						
DATE OF TEST	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST		GAS PRODUCED DURING TEST		WATER PRODUCED DURING TEST	
TUBING PRESSURE		CASING PRESSURE		CALCULATED RATE OF PRODUCTION PER 24 HRS.		OIL BBL/S.	GAS MCF	WATER BBL/S.
DISPOSITION OF GAS (State Whether Vented, Used for Fuel or Sold)					SOUR GAS OR OIL			
					AMOUNT H ₂ S: AMOUNT CO ₂ :			

dated this the 18th day of February, 2003
 at of Mississippi
 in the presence 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 18th day of February, 2003
 at Mississippi
 My commission expires: August 14, 2005

SING TESTS, REQUIRED BY STATEWIDE
 ES 11 AND 12, MUST BE MADE.

MISSISSIPPI STATE OIL AND GAS BOARD			
FORM NO. 3			
API WELL NUMBER			
STATE	COUNTY	WELL	
23	157	20450	0001

See reverse.

WELL COI

MISSISSIPPI STATE OIL & GAS BOARD

COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form No. 3

NEW WELL		WORKOVER X		DEEPEN		PLUG BACK		SAME RESERVOIR		DIFFERENT RESERVOIR		OIL X		GAS		DRY			
INDICATE TYPE OF COMPLETION																			
DESCRIPTION OF WELL AND LEASE																			
OPERATOR Morrow Oil & Gas Co.									ADDRESS P. O. Box 6718, Jackson, MS 39282-6718										
WELL NAME Pettis Heirs									WELL NUMBER A-1		FIELD & RESERVOIR North Ellis Lake - Armstrong Sand								
LOCATION 330' FNL & 330' FWL of SW 1/4 of NW 1/4									API No.				SEC. - TWN. - RGE. OR BLOCK & SURVEY						
COUNTY Wilkinson				PERMIT NUMBER 2003-OPD-061				DATE ISSUED				PHONE NUMBER							
DATE SPUNDED				DATE TOTAL DEPTH REACHED				DATE COMPLETED, READY TO PRODUCE				ELEVATION (DF, RKB, RT or GR)				ELEVATION OF CASING HD. FLANGE			
TOTAL DEPTH				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									DRILLING CONTRACTOR										
WAS THIS WELL DIRECTIONALLY DRILLED?				DATE DIRECTIONAL SURVEY FILED				METHOD OF RESERVE PIT DISPOSAL <input type="checkbox"/> LANDSPREADING <input type="checkbox"/> ANNULAR <input type="checkbox"/> OTHER											
TYPE OF ELECTRICAL OR OTHER LOGS RUN (Check Logs Filed with the Board)												DATE FILED							

CASING RECORD
(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

TUBING RECORD			LINER RECORD				
SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
IN.	FT.		IN.	FT.	FT.		FT.

PERFORATION RECORD			ACID, SHOT, FRAC, LOB, CEMENT, SQUEEZE RECORD				
NUMBER PER FOOT	SIZE & TYPE	DEPTH INTERVAL	AMOUNT & KIND OF MATERIAL USED			DEPTH INTERVAL	

DATE OF FIRST PRODUCTION			PRODUCING METHOD (Indicate if Flowing, Gas Lift or Pumping - If Pumping, Indicate Size & Type of Pump)												
DATE OF TEST			HOURS TESTED		CHOKE SIZE		OIL PRODUCED DURING TEST			GAS PRODUCED DURING TEST			WATER PRODUCED DURING TEST		
TUBING PRESSURE			CASING PRESSURE			CALCULATED RATE OF PRODUCTION PER 24 HRS.			OIL BBL.S.		GAS MCF		WATER GALLONS		
DISPOSITION OF GAS (State Whether Ventd, Used for Fuel or Sold)									SOUTH GAS OR OIL AMOUNT H ₂ S: AMOUNT CO ₂ :						

RECEIVED

FEB 18 2003

STATE OIL & GAS BOARD

Signed this the 18th day of February, 2003at Mississippiin the presence of Hinds

Witnessed by 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 18th day of February, 2003

February

03

Signature

Th. E. Morrow

Notary Public in and for

State at Large

My commission expires: August 14, 2005

The following tests, required by STATEWIDE TESTS 11 AND 12, MUST BE MADE.

MISSISSIPPI STATE OIL AND GAS BOARD
FORM NO. 3
API 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 P. O. Box 6718, Jackson, MS 39282-6718	
Lease Name Pettis Heirs		Well Number A-1	Field & Reservoir North Ellis Lake - Armstrong Sd.
Location 330' FNL & 330' FWL of SW 1/4 of NW/ 1/4		Sec.—TWP—Range or Block & Survey Section 4-T3N-R3W	
County Wilkinson	Permit number 2003-OPD-061	Date Issued 10-2-02	Previous permit number Date Issued
Date spudded 11-27-02	Date total depth reached OTD 7415 7-1-71	Date completed, ready to produce	Elevation (DF, RKB, RT or Gr.) 59.5 feet
Elevation of casing hd. Range 53.5 feet			
Total depth 7415	P.B.T.D. 7048	Single, dual or triple completion? Single	If this is a dual or triple completion, furnish separate report for each completion.
Producing interval (s) for this completion 7017.5 to 7022		Rotary or cable tools used (interval) O-T.D.	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
Type of electrical or other logs run (check logs filed with the commission) None			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	20	660	350	0
Production	7-7/8	4-1/2	10.5 & 11.6	7132	250	0

TUBING RECORD

DOWNER RECORD

Size OD	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2-7/8 in.	6787 ft.	None 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	
12	1/2 Jet	7017.5-7020					
8	1/2 Jet	7020-7022					

INITIAL PRODUCTION

Date of first production 1-7-03		Producing method (Indicate if flowing, gas lift, or pumping—If pumping, show size & type of pump:) Pumping. Working barrel.					
Date of test 1-20-03	Hrs. tested 24	Choke size None	Oil prod. during test 8 bbls	Gas prod. during test 0 MCF	Water prod. during test 2000 bbls.	Oil gravity ° API (Corr)	
Tubing pressure 100	Casing pressure 0	Cal'ed rate of Production per 24 hrs.	Oil 8 bbls.	Gas 0 MCF	Water 2000 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 21st day of January 19 2003
 State of Mississippi
 County of Hinds

W E Morrow
 Signature of Affiant
 W. E. Morrow

Before me, the undersigned authority, on this day personally appeared _____ 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 21st day of January 19 2003

Thelma M. Ammann

SEAL
 My commission expires August 14, 2005

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 IAN 73 2003

State

County

STATE OIL & GAS BOARD

DETAIL OF FORMATIONS PENETRATED

FORMATION	TOP	BOTTOM	DESCRIPTION
Vicksburg Lime	3004'	3067	
Cockfield	3428'	3860'	Sand & shale
Sparta	4034'	4864'	Sand & shale
Cane River Shale	4864'	5176'	
Wilcox	5176'	NR	Sand & shale
Base Big Shale	6464		
Campbell Sand	9017'	9027'	10' Net oil sand

Show all important zones of porosity; detail of all cores; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS

Attach electrical log if run.

This well completion or recompletion report and well log shall be filed with the Mississippi State Oil and Gas Board no later than thirty (30) days after project completion.

MISSISSIPPI OIL AND GAS BOARD

INSPECTOR'S VERIFICATION OF WELL SPUDDING

FIELD: North Ellis Lake INSPECTOR: Sonny Zeigler
OPERATOR: Morrow Oil & Gas INSPECTION DATE: 1-31-2003
WELL NAME & NO.: Pettis Hens 1-A API #: 23-157-20450-0001
COUNTY: Wilkinson SEC: 04 TWN: 3N RANGE: 2W

WELL SPUDDED ON 11-27-2002

N 31.25745

W 291.41638

(Re-entry)

RECEIVED

FEB 03 2003
STATE OIL &
GAS BOARD

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

☒ APPLICATION TO ~~RE-ENTER~~ ☐ FORM No. 2 WORKOVER ☐ CHANGE OF OPERATOR

NAME OF COMPANY OR OPERATOR MORROW OIL & GAS CO.				DATE 9-17-02	
ADDRESS P. O. BOX 6718		CITY JACKSON	STATE MS	ZIP 39211	TELEPHONE 601-372-6613
NAME OF WELL PETTIS HEIRS		WELL NO. A-1	ELEVATION (GROUND) 53.5'		CIRCLE TYPE OF PROPOSED WELL <input checked="" type="radio"/> OIL <input type="radio"/> GAS OTHER (NAME)
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) 330' FNL & 330' FWL of SW 1/4 of NW 1/4		SECTION - TOWNSHIP - RANGE SECTION 4-T3N-R3W		LATITUDE - LONGITUDE (NEW WELLS) (dd.ddddd)	
FIELD & RESERVOIR (IF WILDCAT, SO STATE) N. ELLIS LAKE - ARMSTRONG SAND		API No. (EXISTING WELL) 23-157-20450		APPROX. DATE WORK BEGINS 9-09-02	
COUNTY WILKINSON					
PROPOSED DEPTH 7415 FEET	PROPOSED LENGTH OF SURFACE CASING 660 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 1800 FEET	

NAME OF DRILLING CONTRACTOR ALPINE WELL SERVICE, INC.		NOTICE: PRIOR TO BEGINNING WORK CITY NOTIFY OIL & GAS BD REPRESENTATIVE		ZIP 39121
ADDRESS P. O. BOX 2217		NATCHEZ		

FOR CHANGE OF OPERATOR ONLY - SIGNATURE AUTHORIZED REPRESENTATIVE SIGNATURE	INSPECTOR JAMES E. "SONNY" ZEIGLER MOBIL 601-443-1791 PAGER 987-6426	RECEIVED OCT 02 2002 STATE OIL & GAS BOARD
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NOTE: NOTIFY AREA FIELD INSPECTOR OR FIELD DIRECTOR (JACKSON OFFICE) OF DATES OF
State Oil and Gas Board, 500 Greymont

REMARKS: (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE)
Will drill out plugs. Run approximately 4500' of 2-3/8" tubing with downhole production equipment. Set surface pumping equipment and produce from original perforations @ 7017.5'-7022'. Will co-mingle oil produced with that produced @ the Morrow #6 Pettis Heirs located in the Dixon Bayou Field. Will allocate production based on monthly production test of the #A-1 Pettis Heirs. Wells are on a common lease.

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
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EXECUTED THIS THE 17th DAY OF September, 2002

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 17th DAY OF September, 2002

SEAL

MY COMMISSION EXPIRES AUGUST 14, 2005

SIGNATURE Helma M. Hammons

NOTARY PUBLIC IN AND FOR HINDS

COUNTY MISSISSIPPI

PERMIT NUMBER 2003-OPD-061

APPROVAL DATE 10-2-2002

APPROVED BY 2.2

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>	COUNTY <u>157</u>	WELL <u>20450-0001</u>

MISSISSIPPI STATE OIL & GAS BOARD
PLUGGING RECORD

FORM No. 7

Operator EXCO Resources, Inc.		Address 100 Independence Pl. #404, Tyler, TX 75703	
Name of Well Pettis Heirs		Well No. 1-A	Field & Reservoir North Ellis Lake - Armstrong
Location of Well 330' FNL & 330' FWL SW/4, NE/4 of Section 4, T3N, R3W		Section - Township - Range 4-T3N-R3W	
API No. 23-157-20450		County Wilkinson	
Application to drill this well was filed in name of: Hughes & New Oil Co., Inc.		Has this well ever produced oil or gas Yes	Character of well at completion (initial production): Oil (bbls/day) 22 Gas (MCF/day) 0 Dry ----
Date Plugged 7/15/2002	Total Depth 7415'	Amount well producing when plugged: Oil (bbls/day) 0 Gas (MCF/day) 0 Water (bbls/day) 0	
Name of each formation containing oil or gas. Indicate which formation open to wellbore at time of plugging.	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement.
Armstrong	Oil	7017.5'-7022'	6448'-6248', 200' cement
Surface	----	----	Cut pipe off 3' BGL. 0'-30' cement plug; weld plate on top

CASING RECORD					
Size pipe	Put in well (feet)	Pulled out (feet)	Left in well (feet)	Give depth & method of parting casing (shot, ripped, etc.)	Packers and shoes
8-5/8"	660'	None	660'		
4-1/2"	7132'	None	7132'		
Was well filled with mud-laden fluid, according to regulations? Yes				Indicate deepest formation containing fresh water: 1830'	

NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE		
Name	Address	Direction from this well


In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.

Use reverse side for additional details
File this form in duplicate with:

Executed this the 20th day of August, 2002

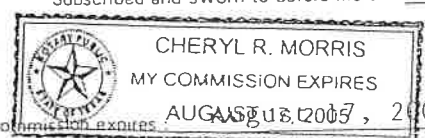
State of Texas

County of Smith


 Signature of Affiant: **Daniel A. Johnson**

Before me, the undersigned authority, on this day personally appeared **Daniel A. Johnson** 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 20th day of August, 2002

SEAL 
 Signature Cheryl R. Morris
 Notary Public in and for Smith
 County Texas

My Commission Expires AUGUST 18, 2005

262
8/29/02

RECEIVED
JUN 19 1966
FEDERAL
BOARD

Signature of Affiant

Subscribed and sworn to before me this 8th day of July, 2002


day of July, 2002
Charles E. Morris

MISSISSIPPI STATE OIL AND GAS BOARD
NOTICE OF INTENTION TO PLUG & ABANDON
FORM 6

APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

120646 APPLICATION TO DRILL ☐ WORKOVER ☐ CHANGE OPERATOR ☒

NAME OF COMPANY OR OPERATOR EXCO RESOURCES, INC.		DATE MARCH 18, 1999	
ADDRESS 5735 PINELAND DRIVE, SUITE 235	CITY DALLAS	STATE TEXAS	ZIP 75231
NAME OF WELL PETTIS HEIRS		WELL NUMBER 1-A	ELEVATION (GROUND) N/A
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) 330' FNL & 330' FWL SW/4, NW/4 SEC 4, T3N-R3W		CHECK THE TYPE OF PROPOSED WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/>	
FIELD & RESERVOIR (IF WILDCAT, SO STATE) NORTH ELLIS LAKE FIELD - ARMSTRONG SAND		COUNTY WILKINSON	APPROXIMATE DATE WORK WILL START MARCH 1, 1999
PROPOSED DEPTH 7415 FEET	PROPOSED LENGTH OF SURFACE CASING 660 FEET	NUMBER OF ACRES IN DRILLING UNIT 40	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE FEET

NAME OF DRILLING CONTRACTOR	CITY	STATE
ADDRESS	 RIO GRANDE DRILLING COMPANY AUTHORIZED REPRESENTATIVE SIGNATURE	
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	DATE APPROVED	

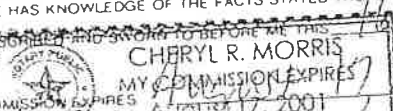
NOTE: Notify area field inspector or field director (Jackson office) of dates of spudding and reaching total depth
State Oil and Gas Board, 500 Greymont Avenue, Suite E, Jackson, MS 39202 601-354-7142

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

THE PURPOSE OF THIS FORM 2 IS A CHANGE OF OPERATOR
FROM: RIO GRANDE DRILLING COMPANY
TO: EXCO RESOURCES, INC.

RECEIVED
APR 20 1999
STATE OIL & GAS BOARD

YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ARE THERE SEPARATELY OWNED TRACTS OR INTERESTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT? (REF MS STATUTE 53-3-7)	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF SO 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)
--	---

EXECUTED THIS THE <u>16th</u> DAY OF <u>April</u> 19 <u>99</u>	<u>Daniel A. Johnson</u> SIGNATURE OF AFFIANT
STATE OF <u>Texas</u>	KNOWN TO ME TO
COUNTY OF <u>Smith</u>	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>17th</u> DAY OF <u>April</u> 19 <u>99</u>	<u>Cheryl R. Morris</u> NOTARY PUBLIC IN AND FOR <u>Smith</u> COUNTY <u>Texas</u>
	

PERMIT NUMBER <u>99COP372</u>	MISSISSIPPI STATE OIL AND GAS BOARD
APPROVAL DATE <u>5-10-99</u>	FORM NO. 2 (REV. 4-90)
APPROVED BY <u>[Signature]</u>	A - WELL NUMBER
NOTICE BEFORE SENDING IN THIS FORM BE SURE THAT YOU HAVE GIVEN ALL INFORMATION REQUESTED	STATE <u>23</u> COUNTY <u>157</u> WELL <u>20450</u>

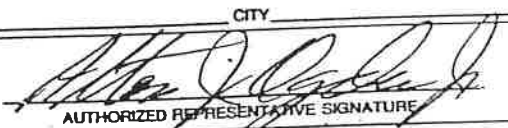
SEE INSTRUCTIONS ON REVERSE SIDE OF FORM

APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

APPLICATION TO DRILL ☐ WORKOVER ☐ CHANGE OPERATOR ☒

0110792

NAME OF COMPANY OR OPERATOR RIO GRANDE DRILLING COMPANY		DATE 4/23/96	
ADDRESS 10101 REUNION PLACE UNION SQUARE, SUITE 210	CITY SAN ANTONIO	STATE TX	ZIP TELEPHONE 78216-4156 210-308-8000
NAME OF WELL PETTIS HEIRS	WELL NUMBER 1-A	ELEVATION (GROUND) N/A	CHECK THE TYPE OF PROPOSED WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/>
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) 330' FNL & 330' FWL SW/4, NE/4 SEC. 4, T3N-R3W		OTHER (NAME) _____	
FIELD & RESERVOIR (IF WILDCAT, SO STATE) N. ELLIS LAKE - ARMSTRONG SAND		COUNTY WILKINSON	APPROXIMATE DATE WORK WILL START MAY 1, 1996
PROPOSED DEPTH: 7415 FEET	PROPOSED LENGTH OF SURFACE CASING: 660 FEET	NUMBER OF ACRES IN DRILLING UNIT 40	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE _____ FEET

NAME OF DRILLING CONTRACTOR _____	CITY _____	STATE _____
ADDRESS _____		
FOR CHANGE OF OPERATOR ONLY SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF WELL	 AUTHORIZED REPRESENTATIVE SIGNATURE	
	BELLE OIL, INC. 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 _____	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 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)


THE PURPOSE OF THIS FORM 2 IS A CHANGE OF OPERATOR

FROM: BELLE OIL, INC.

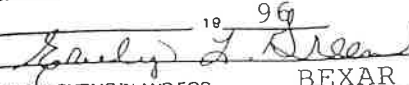
TO: RIO GRANDE DRILLING COMPANY

RECEIVED
MAY 13 1996
STATE OIL & GAS BOARD

<input type="checkbox"/> YES <input type="checkbox"/> NO ARE THERE SEPARATELY OWNED TRACTS OR INTERESTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT? (REF. MS STATUTE 53-3-7)	<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 THEREIN AGREED TO DEVELOP THEIR LANDS AS A DRILLING UNIT AND TO THE WELL? (REF. MS STATUTE 53-3-7)
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EXECUTED THIS THE <u>7th</u> DAY OF <u>May</u> , 19 <u>96</u>	
STATE OF <u>TEXAS</u>	SIGNATURE OF AFFIANT
COUNTY OF <u>BEXAR</u>	GUY BOB BUSCHMAN

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED _____ KNOWN 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 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>7th</u> DAY OF <u>May</u> , 19 <u>96</u>	
SEAL EVELYN L. GREEN Notary Public, State of Texas My Commission Expires August 3, 1996	NOTARY PUBLIC IN AND FOR COUNTY, <u>BEXAR</u> <u>TEXAS</u>

PERMIT NUMBER: <u>016002464</u>
APPROVAL DATE: <u>5-16-96</u>
APPROVED BY: <u>[Signature]</u>
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. 4-90)

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

DATE

Alton J. Ogden, Sr.

October 1, 1976

Address

City

State

P. O. Box 564,

Natchez,

Mississippi 39120

DESCRIPTION OF WELL AND LEASE

Name of lease

Well number

Elevation (ground)

Pettis Heirs

1-A

53.5'

Well location

(give footage from section lines)

Section—township—range or block & survey

330' FNL & 330' FWL SW/4 NW/4

Sec. 4, T3N-R3W

Field & reservoir (If wildcat, so state)

County

Wilkinson

North Ellis Lake - Armstrong

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

330 feet

feet

Proposed depth:

~~XXXXX~~ length of

Approx. date work will start

7415' feet

surface casing

feet

Upon Approval

Number of acres in drilling unit

Name of drilling contractor

New & Hughes Drilling Company

Address P. O. Box 1487

City Natchez

State Miss.

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

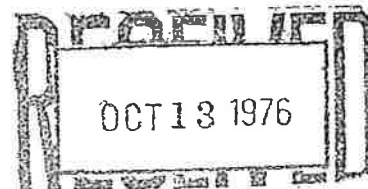
John Loper
BROOKHAVEN, MISS.
Tel. 833-5179

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)

Change of Operator from H & N Operating Company, Inc.
to Alton J. Ogden, Sr.



STATE OIL & GAS BOARD

Executed this the 1st day of October, 1976

State of Mississippi

County of Adams

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared Jeff Kirkwood 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 1st day of October, 1976

SEAL

My commission expires January 14, 1980

Notary Public in and for Adams

County Mississippi

Permit Number

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

A P I Well Number

State

County

Well

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

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

DESCRIPTION OF WELL AND LEASE

Operator Hughes & New Oil Co.-D. Braswell		Address P. O. Drawer 1487, Natchez, Ms.	
Lease Name Pettis Heirs		Well Number 1-A	Field & Reservoir North Ellis Lake
Location 330' FNL & 330' FWL SW/4 NW/4, Section 4, T3N, R3W			
County Wilkinson	Permit number 555	Date Issued 6-22-71	Previous permit number
Date spudded 6-24-71	Date total depth reached 7-1-71	Date completed, ready to produce 7-13-71	Elevation (DF, RKB, RT or Gr.) feet 59.5
Total depth 7415	P.B.T.D. 7048	Single, dual or triple completion? Single	
Producing interval (s) for this completion 7017.5 to 7022		Rotary tools used (Interval) 0 - TD	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 (x) Gamma Ray - CBL			Date filed Mailed by Dresser Atlas

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	20	660	350	
Production	7-7/8	4-1/2	10.5 & 11.6	7132	250	

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2-7/8 in.	6787 ft.	None ft.					

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval
12	1/2 Jet	7017.5 - 7020
8	1/2 Jet	7020 - 7022

ACID, SHOT, FRACTURE, CEMENT, SQUEEZE RECORD
Am't. & kind of material used

INITIAL PRODUCTION

Date of first production 7-13-71		Producing method (Indicate if flowing, gas lift or pumping—If pumping, show size & type of pump) Pumping 2" x 2-1/2" x 16' BHD Insert Pump					
Date of test 8-1	Hrs. tested 24	Choke size 10/64	Oil prod. during test 95 bbls.	Gas prod. during test N. T. MCF	Water prod. during test 2 bbls.	Oil gravity 44 ° API (Corr)	
Tubing pressure 190	Casing pressure 150	Cal'ated rate of Production per 24 hrs. 95 bbls.	Oil 95 bbls.	Gas N. T. MCF	Water 2 bbls.	Gas-oil ratio N. T.	

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

Used for fuel.

Executed this the 3rd day of August, 1971
State of Mississippi
County of Adams

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared C. D. Hollingsworth 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 August, 1971

SEAL

My commission expires 7/9/73

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

Well Completion or Recompletion Report and Well Log
FORM 3 - IOCC P-7

Authorized by Order No. 118-58

Effective November 1, 1958

APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

APPLICATION TO DRILL ☐ WORKOVER ☐ CHANGE OPERATOR ☒

NAME OF COMPANY OR OPERATOR

DATE

H & N Operating Co., Inc.

March 4, 1975

Address

City

State

P. O. Box 1487

Natchez

Miss.

DESCRIPTION OF WELL AND LEASE

Name of lease

Well number

Elevation (ground)

Pettis Heirs

A-1

53.5

(give footage from section lines)

Section—township—range or block & survey

Well location

330' FNL & 330' FWL, SW/4 of NW/4

Section 4, T3N-R3W

Field & reservoir (If wildcat, so state)

County

North Ellis Lake

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:

Proposed length of

Approx. date work will start

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 181
NATCHEZ, MISS.
Tel. 445-5041

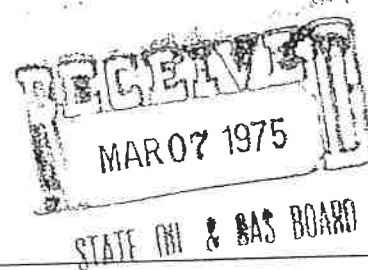
P. O. Box 2782 CS
LAUREL, MISS.
Tel. 428-4044

P. O. Box 1332
JACKSON, MISS.
Tel. 354-7104 or 354-7108

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)

Change from HUGHES & NEW OIL CO., INC - D. BRASWELL
to H & N OPERATING COMPANY, INC.



Executed this the 4th day of March, 1975

State of Mississippi

County of Adams

Signature of Affiant

Earl Green

Before me, the undersigned authority, on this day personally appeared Earl Green 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 March, 1975

SEAL

My commission expires Nov. 15, 1977

Notary Public in and for Adams

County Mississippi

Permit Number

C.O. 289

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

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 Hughes & New Oil Company, Inc.-
Dlynn Braswell
P. O. Drawer 1487
Natchez
Mississippi
State

DATE June 21, 1971

DESCRIPTION OF WELL AND LEASE

Name of lease Pettis	Well number 1	Elevation (ground) 53.5
Well location (give footage from section lines) 330' FNL & 330' FWL, SW/4 of NW/4		Section—township—range or block & survey Section 4, T3N, R3W
Field & reservoir (If wildcat, so state) North Ellis Lake	County Wilkinson	
Check the type of proposed well Oil <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Other (Name) _____		
Nearest distance from proposed location to drilling unit line 330 feet		Distance from proposed location to nearest drilling. completed or applied—for well 1,490 feet
Proposed depth: 7,400 feet	Proposed length of surface casing 640 feet	Approx. date work will start 6-25-71
Number of acres in drilling unit 40	Name of drilling contractor New & Hughes Drilling Company, Inc. Address P. O. Drawer 1487 City Natchez State Miss.	

STATE OIL AND GAS
BOARD OFFICES:

P. O. Box 181
NATCHEZ, MISS
Tel. 445-5041

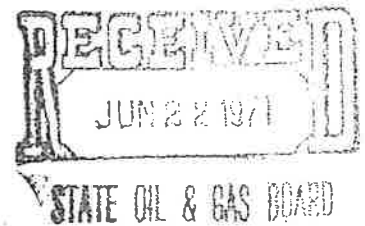
P. O. Box 2782 CS
LAUREL, MISS.
Tel. 428-4044

P. O. Box 1332
JACKSON, MISS.
Tel. 355-9361; Ext. 301 or 303

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

640'

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



Executed this the 21st day of June 1971
State of Mississippi
County of Adams

John Kyzar Jr.
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared John Kyzar Jr. 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 21st day of June

SEAL

My commission expires 7/9/73

Robert J. Mey
Notary Public in and for Adams
County Mississippi

MISSISSIPPI STATE OIL AND GAS BOARD

Form No. 2

A P I Well Number

State

County

Well

23

157

20450

Permit Number

Approval Date

Approved By J. F. BORTHWICK, JR. By [Signature]

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

See Instructions on Reverse Side of Form

NOTE: The drilling unit shown hereon lies totally within the confines of a rectangle 1810.0 feet by 1445.0 feet.

Sec. 44

Sec. 45

T4N-R3W

Sec. 5

1
ASPCO
Pettis Heirs

3
H.O.R.
Pettis Heirs

330'
330'
LOC.

SW 1/4 of NW 1/4

2
H.O.R.
Pettis Heirs

RECEIVED
JUN 22 1971

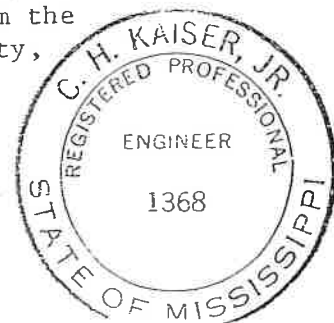
STATE OIL & GAS BOARD

Section 4
T3N-R3W

Ground Elevation at Staked Location = 93.5 M.S.L.

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

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



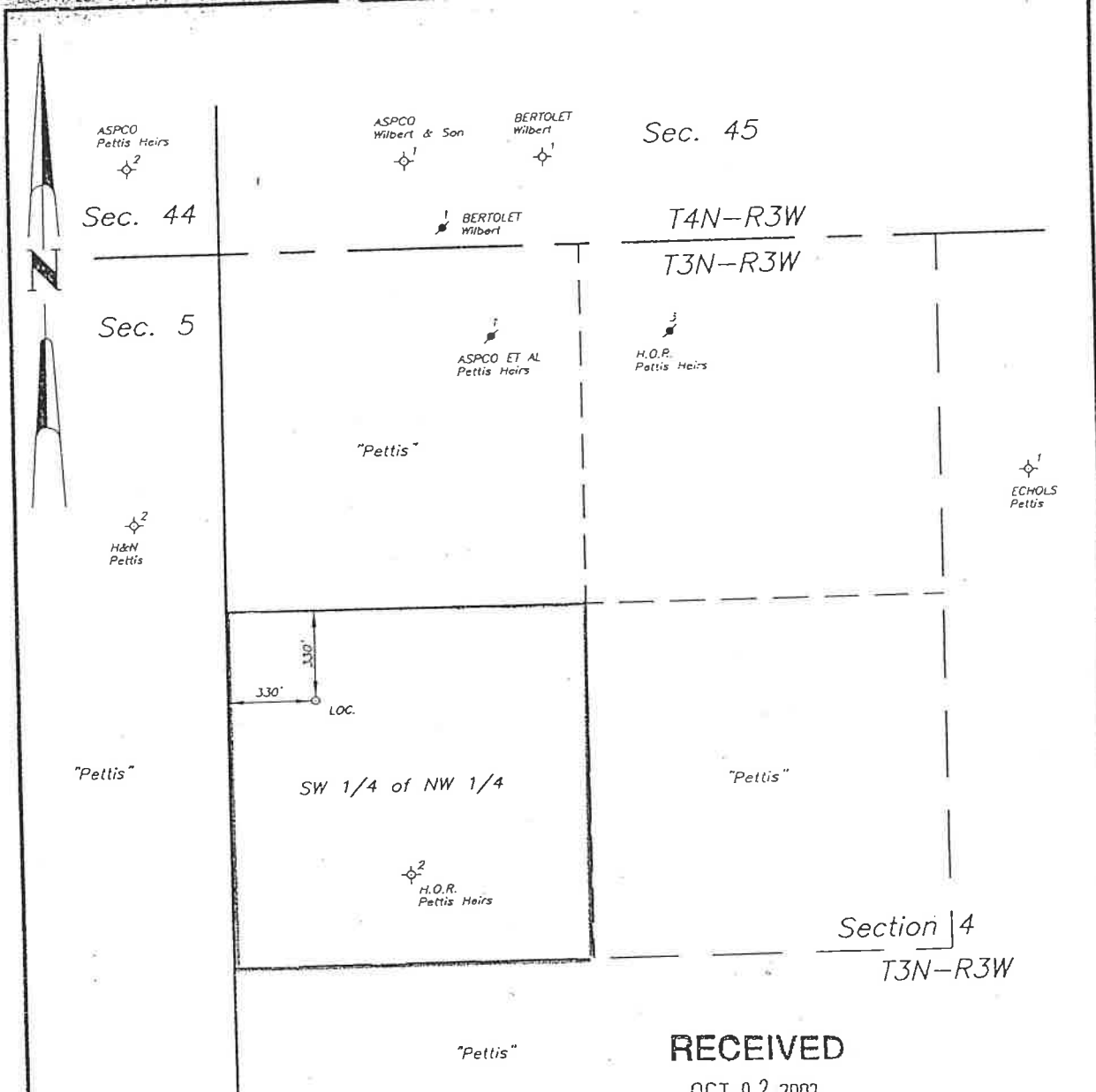
Well Location For

HUGHES & NEW OIL CO., INC. - DLYNN BRASWELL
Pettis No. 1

in

Section 4, T3N-R3W
Wilkinson County, Mississippi

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



RECEIVED

OCT 02 2002

STATE OIL &
GAS BOARD

Ground Elevation at Staked Location = 53.5 N.G.V.D.

DESCRIPTION OF LOCATION: 330 feet from the north line and 330 feet from the west line of the SW 1/4 of NW 1/4 of Section 4, T3N-R3W, Wilkinson County, Mississippi. Being the same and identical as the HUGHES & NEW-BRASWELL-Pettis No.1 drilled in June 1971.

DESCRIPTION OF DRILLING UNIT: The Southwest 1/4 of Northwest 1/4 of Section 4, T3N-R3W, Wilkinson County, Mississippi.

Malcolm G. Barlow

Malcolm G. Barlow, Reg. P.L.S. #1499
August 6, 2002

Re-Entry
Well Location For

MORROW OIL & GAS COMPANY

Pettis No. A-1

Situated In

Section 4, T3N-R3W

Wilkinson County, Mississippi

NORTH ELLIS LAKE FIELD



JORDAN, KAISER & SESSIONS
Civil Engineers & Professional Land Surveyors
P. O. Box 1267, Hattiesburg, Mississippi 39121