

**WELL NAME: SMITH ET AL 1**

**COUNTY: JEFFERSON**

**FIELD: CHURCH HILL**

**SECTION: 41 TWN. 9N RANGE: 2W**

**LAT 31.69928 LONG -91.26925**

**API NO. 23-063-20508**

**BASE OF USDW: 1240'**

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

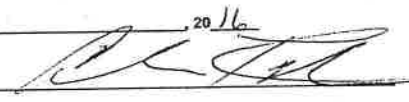
☐ APPLICATION TO DRILL

☐ FORM No. 2  
WORKOVER


☒ CHANGE OF OPERATOR **2/2/16**

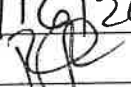
NAME OF COMPANY OR OPERATOR <b>RABB CONTRACTING COMPANY, LLC</b>				DATE <b>5/13/2016</b>	
ADDRESS <b>585 HIGHWAY 3232</b>		CITY <b>FERRIDAY</b>	STATE <b>LA</b>	ZIP <b>71334</b>	TELEPHONE <b>318-757-9332</b>
NAME OF WELL <b>SMITH ET AL</b>		WELL NO. <b>1</b>	ELEVATION (GROUND) <b>209.0</b>		CHECK TYPE OF PROPOSED WELL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS OTHER (NAME)
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) <b>712' FWL &amp; 660' FSL</b>		SECTION - TOWNSHIP - RANGE <b>41 - T9N - R2W</b>			
		LATITUDE - LONGITUDE (NEW WELLS) (dd.ddddd) <b>LAT.: 31.6991; LONG.: 91.2692</b>			
FIELD & RESERVOIR (IF WILDCAT, SO STATE) <b>CHURCH HILL FIELD - ARTMAN</b>		APR No. (EXISTING WELL) <b>23-063-20508-0000</b>		APPROX. DATE WORK BEGINS	
		COUNTY <b>JEFFERSON</b>			
PROPOSED DEPTH <b>5757'</b> <small>FEET</small>	PROPOSED LENGTH OF SURFACE CASING <b>505'</b> <small>FEET</small>	NUMBER OF ACRES IN RILLING UNIT <b>40.0</b> <small>ACRES</small>	DISTANCE FROM PROPOSED LOCATION <b>330'</b> <small>FEET</small>	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL <b>OVER 660'</b> <small>FEET</small>	
NAME OF DRILLING CONTRACTOR					
ADDRESS CITY STATE ZIP					
<b>FOR CHANGE OF OPERATOR ONLY - SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF WELL</b>					
AUTHORIZED REPRESENTATIVE SIGNATURE 			NAME OF FORMER OPERATOR <b>JHP OPERATING CO., LLC</b>		
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 601-576-4900					
REMARKS: (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE) <b>CHANGE OF OPERATOR EFFECTIVE: MAY 1, 2016</b>					
<div style="text-align: right;">           NOTICE: PRIOR TO BEGINNING WORK NOTIFY OIL AND GAS INSPECTOR            ROBERT COLLIER            601-443-1791         </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	IF YES, HAVE TH THE RIGHTS TO A DRILLING UNIT		

EXECUTED THIS THE 24th DAY OF May, 2016  
 STATE OF Louisiana  
 COUNTY OF Concordia

SIGNATURE OF AFFIANT 

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Claude Rebb 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 24th DAY OF May, 2016  
 SEAL  SIGNATURE Joyce A. Carter  
 NOTARY PUBLIC IN AND FOR Concordia COUNTY Louisiana  
 MY COMMISSION EXPIRES For 1 yr

PERMIT NUMBER 2016-COP-260  
 APPROVAL DATE 6/16/2016  
 APPROVED BY 

MISSISSIPPI STATE OIL AND GAS BOARD FORM 2 (Rev. 5/10) A.P.I. WELL NUMBER			
STATE <b>23</b>	COUNTY <b>063</b>	WELL <b>20508</b>	

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

**RECEIVED**  
**JUN 15 2016**  
 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

209677

NAME OF COMPANY OR OPERATOR <b>JHP OPERATING CO., LLC</b>			DATE <b>5/29/2015</b>			
ADDRESS <b>P. O. BOX 941</b>			CITY <b>NATCHEZ</b>	STATE <b>MS</b>	ZIP <b>39121</b>	TELEPHONE <b>601-807-0983</b>
NAME OF WELL <b>SMITH ET AL</b>			WELL NO. <b>1</b>	ELEVATION (GROUND) <b>209.0</b>		CHECK TYPE OF PROPOSED WELL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS OTHER (NAME)
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) <b>712' FWL &amp; 660' FSL</b>			SECTION - TOWNSHIP - RANGE <b>41 - T9N - R2W</b>		LATITUDE - LONGITUDE (NEW WELLS) (dd.ddddd) <b>LAT.: 31.6991, LONG.: 91.2692</b>	
FIELD & RESERVOIR (IF WILDCAT, SO STATE) <b>CHURCH HILL FIELD - ARTMAN</b>			API No. (EXISTING WELL) <b>23-063-20508-0000</b>		APPROX. DATE WORK BEGINS	
COUNTY <b>JEFFERSON</b>						
PROPOSED DEPTH <b>5757'</b> <small>± FEET</small>	PROPOSED LENGTH OF SURFACE CASING <b>505'</b> <small>FEET</small>	NUMBER OF ACRES IN DRILLING UNIT <b>40.0</b> <small>± ACRES</small>	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE <b>330</b> <small>± FEET</small>	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL <b>OVER 660</b> <small>± FEET</small>		
NAME OF DRILLING CONTRACTOR						
ADDRESS						
CITY						
STATE						
ZIP						
FOR CHANGE OF OPERATOR ONLY - SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF AUTHORIZED REPRESENTATIVE SIGNATURE						
AUTHORIZED REPRESENTATIVE SIGNATURE <i>Robert Collier</i>			NAME OF FORMER OPERATOR <b>ALDRIDGE OPERATING CO., LLC</b>			
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 601-364-7142						
REMARKS: (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE) <b>CHANGE OF OPERATOR EFFECTIVE: JUNE 1. 2015</b> <b>NOTICE: PRIOR TO BEGINNING WORK NOTIFY OIL AND GAS INSPECTOR ROBERT COLLIER 601-443-1791</b>						
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 RIGHT TO A DRILLING UNIT	

EXECUTED THIS THE 15<sup>th</sup> DAY OF June, 2015  
STATE OF Mississippi  
COUNTY OF Adams  
SIGNATURE OF AFFIANT Joseph H. Porter III  
BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Joseph H. Porter III 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 15<sup>th</sup> DAY OF June, 2015  
Signature Joseph J. Fritz III  
NOTARY PUBLIC IN AND FOR Adams COUNTY, Mississippi  
SEAL  
MY COMMISSION EXPIRES \_\_\_\_\_  
PERMIT NUMBER 2015-COP-996  
APPROVAL DATE 6/15/2015  
APPROVED BY [Signature]  
MISSISSIPPI STATE OIL AND GAS BOARD  
FORM 2 (Rev. 5/10)  
A.P.I. WELL NUMBER \_\_\_\_\_  
COUNTY \_\_\_\_\_  
WELL \_\_\_\_\_  
RECEIVED  
JUN 15 2015

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**

☐ APPLICATION TO DRILL      ☐ WORKOVER      ☒ CHANGE OF OPERATOR

NAME OF COMPANY OR OPERATOR JHP OPERATING CO., LLC				DATE 6/15/2015 1:37:27 PM	
ADDRESS P.O. Box 941		CITY NATCHEZ	STATE MS	ZIP 39121	TELEPHONE
NAME OF WELL Smith et al		WELL NO 1	ELEVATION (GROUND)		PROPOSED WELL TYPE
WELL LOCATION		FNL/FSL	SECTION TOWNSHIP RANGE		
		FEL/FWL	LATITUDE LONGITUDE (NEW)		
FIELD NAME Church Hill		API No. (EXISTING WELL) 23-063-20508			APPROX. DATE WORK BEGINS
RESERVOIR		COUNTY JEFFERSON			
PROPOSED DEPTH (FT)	PROPOSED LENGTH OF SURFACE CASING (FT)	NO. ACRES IN DRILLING UNIT	DISTANCE FROM PROPOSED LOC. TO NEAREST DRILLING LINE (FT)		DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL (FT)
NAME OF DRILLING CONTRACTOR					
ADDRESS		CITY	STATE	ZIP	

**For Change of Operator Only - Signature of Former Operator Required for Transfer of Well**

AUTHORIZED REPRESENTATIVE SIGNATURE	NAME OF FORMER OPERATOR ALDRIDGE OPERATING CO., LLC
-------------------------------------	--

NOTIFY 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 A WORKOVER: PRESENT PRODUCING ZONE
	EXPECTED NEW PRODUCING ZONE

Executed this day \_\_\_\_\_ Affiant name \_\_\_\_\_  
 State \_\_\_\_\_ Notary Name \_\_\_\_\_  
 County \_\_\_\_\_ Commission Expires \_\_\_\_\_  
 PERMIT NUMBER 2015-COP-0996  
 APPROVAL DATE 6/15/2015

APPROVED BY  
 NOTICE:

BEFORE SENDING THIS FORM, BE SURE THAT ALL  
 INFORMATION REQUESTED IS GIVEN.

MISSISSIPPI STATE OIL & GAS BOARD  
 APPLICATION FOR PERMIT TO DRILL, WORKOVER OR  
 CHANGE OPERATOR  
 FORM 2 (rev. 5/10)  
 API WELL NUMBER

23-063-20508

208371

**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 <b>ALDRIDGE OPERATING CO., LLC</b>				DATE <b>11/12/2014</b>	
ADDRESS <b>P. O. BOX 629</b>		CITY <b>NATCHEZ</b>	STATE <b>MS</b>	ZIP <b>39121</b>	TELEPHONE <b>601-446-5585</b>
NAME OF WELL <b>SMITH ET AL</b>		WELL NO. <b>1</b>	ELEVATION (GROUND) <b>209.0</b>		CIRCLE TYPE OF PROPOSED WELL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER (NAME)
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) <b>712' FWL &amp; 660' FSL</b>		SECTION - TOWNSHIP - RANGE <b>SECTION 41, T9N-R2W</b> LATITUDE - LONGITUDE (NEW WELLS) (dd.ddddd) <b>LAT.: 31.6991; LONG.: 91.2692</b>			
FIELD & RESERVOIR (IF WILDCAT, SO STATE) <b>CHURCH HILL - ARTMAN</b>		API No. (EXISTING WELL) <b>23-063-20508-0000</b>		APPROX. DATE WORK BEGINS	
COUNTY <b>JEFFERSON</b>					
PROPOSED DEPTH <b>5757'</b> FEET	PROPOSED LENGTH OF SURFACE CASING <b>505'</b> FEET	NUMBER OF ACRES IN RILLING UNIT <b>40.0</b> ACR	DISTANCE FROM PROPOSED LOCATION TO NEAREST		
NAME OF DRILLING CONTRACTOR			NOTICE: PRIOR TO BEGINNING WORK NOTIFY OIL AND GAS INSPECTOR <b>ROBERT COLLIER</b> <b>601-443-1791</b>		
ADDRESS			CITY		
<b>FOR CHANGE OF OPERATOR ONLY - SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF</b>					
AUTHORIZED REPRESENTATIVE SIGNATURE <i>[Signature]</i>			NAME OF FORMER OPERATOR <b>JHP OPERATING CO., LLC</b>		
<b>Note: AREA FIELD INSPECTOR OR FIELD DIRECTOR (JACKSON OFFICE) OF DATES OF SPUDDING AND REACHING TOTAL DEPT.</b> State Oil and Gas Board, 500 Greymont 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) <b>CHANGE OF OPERATOR EFFECTIVE: NOVEMBER 1, 2014</b>					
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)	

EXECUTED THIS THE 25th DAY OF November, 2014  
 STATE OF Mississippi  
 COUNTY OF Adams

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Courtney Aldridge 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 25th DAY OF November, 2014  
 Signature Jessica Knapp  
 NOTARY PUBLIC IN AND FOR Adams COUNTY

Commission Expires April 21, 2016

PERMIT NUMBER 2015-COP-600  
 APPROVAL DATE 11/24/2014  
 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

RECEIVED  
 DEC 01 2014  
 STATE OIL & GAS BOARD

RECEIVED  
 NOV 18 2014  
 STATE OIL & 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 ALDRIDGE OPERATING CO., LLC				DATE 11/24/2014 11:39:51 AM	
ADDRESS P. O. BOX 629		CITY NATCHEZ	STATE MS	ZIP 39121	TELEPHONE (601) 446-5585
NAME OF WELL Smith et al		WELL NO 1	ELEVATION (GROUND)		PROPOSED WELL TYPE
WELL LOCATION		FNL/FSL	SECTION TOWNSHIP RANGE		
		FEL/FWL	LATITUDE LONGITUDE (NEW)		
FIELD NAME Church Hill			API No. (EXISTING WELL) 23-063-20508		APPROX. DATE WORK BEGINS
RESERVOIR			COUNTY JEFFERSON		
PROPOSED DEPTH (FT)	PROPOSED LENGTH OF SURFACE CASING (FT)	NO. ACRES IN DRILLING UNIT	DISTANCE FROM PROPOSED LOC. TO NEAREST DRILLING LINE (FT)		DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL (FT)
NAME OF DRILLING CONTRACTOR					
ADDRESS		CITY	STATE	ZIP	

**For Change of Operator Only - Signature of Former Operator Required for Transfer of Well**

AUTHORIZED REPRESENTATIVE SIGNATURE	NAME OF FORMER OPERATOR JHP OPERATING CO., LLC
-------------------------------------	---

NOTIFY 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 A WORKOVER: PRESENT PRODUCING ZONE
	EXPECTED NEW PRODUCING ZONE

Executed this day \_\_\_\_\_  
 State \_\_\_\_\_  
 County \_\_\_\_\_  
 PERMIT NUMBER \_\_\_\_\_  
 APPROVAL DATE \_\_\_\_\_

2015-COP-0600

11/24/2014

APPROVED BY  
 NOTICE:

BEFORE SENDING THIS FORM, BE SURE THAT ALL  
 INFORMATION REQUESTED IS GIVEN.

Affiant name \_\_\_\_\_  
 Notary Name \_\_\_\_\_  
 Commission Expires \_\_\_\_\_

MISSISSIPPI STATE OIL & GAS BOARD APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR FORM 2 (rev. 5/10) API WELL NUMBER  23-063-20508
---

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

**FORM 3**

INDICATE TYPE OF COMPLETION										
NEW WELL <b>X</b>	REENTRY	WORKOVER	DEEPEN	PLUG BACK	SAME RESERVOIR	DIFFERENT RESERVOIR	OIL <b>X</b>	GAS	INJECTOR	DRY
DESCRIPTION OF WELL AND LEASE										
OPERATOR <b>JHP OPERATING CO., LLC</b>					ADDRESS <b>59 DUNBAR ROAD, NATCHEZ, MS 39120</b>					
LEASE NAME <b>SMITH et al</b>					WELL NUMBER <b>1</b>					
LOCATION <b>712' FWL &amp; 660' FSL</b>					SEC. - TWN. - RGE, LAT AND LONG. <b>41-T9N-R2W, LAT.: 31.6991; LONG.: 91.2692</b>		FIELD & RESERVOIR <b>CHURCH HILL FIELD - ARTMAN</b>		API NO. <b>23-063-20508-0000</b>	
COUNTY <b>JEFFERSON</b>					PERMIT NUMBER <b>2013-OPD-149</b>		DATE ISSUED <b>03/15/2013</b>		PREVIOUS PERMIT NUMBER <b>NA</b>	
DATE SPUDDED <b>04/04/2013</b>					DATE TOTAL DEPTH REACHED <b>04/13/2013</b>		DATE OF THIS COMPLETION <b>09/19/2013</b>		ELEVATION (OF RKB, RT or GR) <b>221.0 DF</b>	
TOTAL DEPTH <b>5757'</b>					P.B.T.D. <b>5714'</b>		SINGLE, DUAL OR TRIPLE COMPLETION? <b>SINGLE</b>		IF THIS IS A DUAL OR TRIPLE COMPLETION, FURNISH SEPARATE REPORT FOR EACH COMPLETION.	
PERFORATIONS FOR THIS COMPLETION, FORMATION <b>5486'-5491'</b>								DRILLING CONTRACTOR <b>BIG RIVER OILFIELD SERVICES, LLC</b>		
WAS THIS WELL DIRECTIONALLY DRILLED? <b>NO</b>			WAS DIRECTIONAL SURVEY MADE? <b>NA</b>			WAS COPY OF DIRECTIONAL SURVEY FILED? <b>NA</b>			DATE FILED <b>NA</b>	
LIST ALL ELECTRICAL LOGS RUN FOR THIS COMPLETION, SERVICE COMPANY AND DATES FILED <b>ARRAY INDUCTION/GR/SP/CALIPER</b>										
FILED 08/03/2013										
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	11"	8 5/8"	24 LBS	505'	200	NONE				
PRODUCTION	7 7/8"	5 1/2"	17 LBS	5750'	350	NONE				
LINER RECORD										
SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN			
3 1/2 IN.	2520 FT.									
PERFORATION RECORD THIS COMPLETION										
NUMBER PER FOOT	SIZE & TYPE	DEPTH INTERVAL	SERVICE COMPANY	AMOUNT & KIND OF MATERIAL USED			DEPTH INTERVAL			
6 SHOTS	CASING	5486-5491	SCHLUMBERGER							
LIST ALL OTHER PERFORATIONS RECORDS AND TEST RESULTS CONT ON BACK										
NUMBER PER FOOT	SIZE & TYPE	DEPTH INTERVAL	SERVICE COMPANY	AMOUNT & KIND OF MATERIAL USED			DEPTH INTERVAL			
INITIAL PRODUCTION										
DATE OF FIRST PRODUCTION/INJECTION <b>09/13/2013</b>			PRODUCING METHOD (Indicate if Flowing, Gas Lift or Pumping - If Pumping, Indicate Size & Type of Pump) <b>PUMPING</b>							
DATE OF TEST <b>09/18/2013</b>	HOURS TESTED <b>24HRS</b>	CHOKE SIZE <b>NONE</b>	OIL PRODUCED DURING TEST <b>6</b>	GAS PRODUCED DURING TEST <b>600 BARRELS</b>		WATER PRODUCED DURING TEST <b>600 BARRELS</b>		OIL GRAVITY <b>40</b> *API		
TUBING PRESSURE <b>90 LBS</b>	CASING PRESSURE <b>100 LBS</b>	CALCULATED RATE OF PRODUCTION PER 24 HRS. <b>6 BARRELS</b>			OIL <b>6</b> BBL.S.	GAS <b> </b> MCF	WATER <b>600</b> BBL.S.	GAS - OIL RATIO		
DISPOSITION OF GAS (State Whether Vent, Used for Fuel or Solid)					SOUR GAS OR OIL <b>AMOUNT H<sub>2</sub>S: NONE AMOUNT CO<sub>2</sub>: NONE</b>					

Executed this the 19TH day of SEPTEMBER, 20 13  
State of MISSISSIPPI

County of ADAMS

Subscribed and sworn to before me this 19TH day of SEPTEMBER, 20 13  
I, JOSEPH H. PORTER, III, Notary Public for the State of Mississippi, do hereby certify that the undersigned authority, on this day personally appeared JOSEPH H. PORTER, III, 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 this report is true and correct.

Subscribed and sworn to before me this 19TH day of SEPTEMBER, 20 13  
Signature [Signature]  
Notary Public for the State of Mississippi  
ID No. 20175  
Notary Public for the State of Mississippi  
County ADAMS  
My commission expires 11/16

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**  
**SEP 20 2013**  
**STATE OIL & GAS BOARD**



# MISSISSIPPI STATE OIL AND GAS BOARD

## APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

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

NAME OF COMPANY OR OPERATOR <b>JHP OPERATING CO., LLC</b>				DATE <b>04/15/2013</b>	
ADDRESS <b>59 DUNBAR ROAD</b>		CITY <b>NATCHEZ</b>	STATE <b>MS</b>	ZIP <b>39120</b>	TELEPHONE <b>601-807-0983</b>
NAME OF WELL <b>SMITH ET AL</b>		WELL NO. <b>1</b>	ELEVATION (GROUND) <b>209.0 N.G.V.L</b>		
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) <b>SEE REMARKS</b>		SECTION - TOWNSHIP - RANGE <b>41 - T9N - R2W</b>		CHECK TYPE OF PROPOSED WELL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS OTHER (NAME) _____	
FIELD & RESERVOIR (IF WILDCAT, SO STATE) <b>CHURCH HILL FIELD - ARTMAN</b>		API No. (EXISTING WELL) <b>23-063-20508-0000</b>		APPROX. DATE WORK BEGINS <b>04/04/2013</b>	
LATITUDE - LONGITUDE (NEW WELLS) (dd.ddddd) <b>Lat.: 31.6991; Long.: 91.26</b>		COUNTY <b>JEFFERSON</b>			
PROPOSED DEPTH <b>5,760</b> <small>± FEET</small>	PROPOSED LENGTH OF SURFACE CASING <b>456</b> <small>FEET</small>	NUMBER OF ACRES IN DRILLING UNIT <b>40.0</b> <small>± ACRES</small>	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE <b>330</b> <small>± FEET</small>	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL <b>OVER 660</b> <small>± FEET</small>	
NAME OF DRILLING CONTRACTOR <b>BIG RIVER OILFIELD SERVICES, LLC</b>					
ADDRESS <b>1516 MURRAY DRIVE</b>		CITY <b>VIDALIA</b>	STATE <b>LA</b>	ZIP <b>71373</b>	
FOR CHANGE OF OPERATOR ONLY - SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF 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) From the southeast corner of Section 40, T9N-R2W, Jefferson County, Mississippi, go northerly along the east boundary of Section 40 for 660 feet; thence westerly at right angles for 712 feet to the location in Section 41, T9N-R2W, Jefferson County, Mississippi. <b>AMENDED APPLICATION TO DRILL</b>					
ARE THERE SEPARATELY OWNED TRACTS OR INTERESTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT? (REF. MS. STATUTE 53-3-7)	YES <b>X</b>	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 <b>X</b>
NO					

EXECUTED THIS THE 15<sup>th</sup> DAY OF April, 2013  
 STATE OF Mississippi  
 COUNTY OF Adams

SIGNATURE OF AFFIANT *Joseph H. Porter III*

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Joseph H. Porter III 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 15<sup>th</sup> DAY OF April, 2013  
 SEAL *Joseph H. Porter III*  
 NOTARY PUBLIC IN AND FOR Mississippi COUNTY Adams

MY COMMISSION EXPIRES 6-17-2016

PERMIT NUMBER

APPROVAL DATE

APPROVED BY

5/8/2013

*RPL*

**RECEIVED**  
 MAY - 7 2013

MISSISSIPPI STATE OIL AND GAS BOARD

FORM 2 (Rev. 5/10)

A.P.I. WELL NUMBER

COUNTY

WELL

063

20508

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

STATE OIL & GAS BOARD



DETAIL OF FORMATIONS PENETRATED			
FORMATION	TOP	BOTTOM	DESCRIPTION REQUIRED*
SPARTA	2597	3307	SAND AND SHALE
WILCOX	3816		SAND AND SHALE
ARTMAN	5487	5514	SAND
PEARLINE	5534	5541	SAND
LIST ALL PERFORATIONS WITH TEST DATA, ACID, FRACTURE, SQUEEZE, PLUGS			
PERFORATED 5486'-5491' SWABBED OIL AND SW.			
CORE RECORD			
DIAMOND CORE INTERVAL		LIST ALL SIDEWALL CORES	
30 SWC 4422.5-5562.5			
OPEN HOLE TESTS			
DRILL STEM TEST	RECOVERY		PRESSURES
INTERVAL DEPTHS			

\* 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 all Well Logs.

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.

RECEIVED  
JAN 20 2013  
STATE OIL & GAS BOARD



MISSISSIPPI OIL AND GAS BOARD

INSPECTOR'S VERIFICATION OF WELL SPUDDING

Corrected

FIELD: Church Hill INSPECTOR: Dallas m. Daley

OPERATOR: JHP Operating Co., LLC INSPECTION DATE: 4-8-13

WELL NAME & NO.: Smith Etal No. 1 API #: 23-063-20508

COUNTY: Jefferson SEC: 41 TWN: 9N RANGE: 2W

LATITUDE 31.69928

LONGITUDE 91.26925

WELL SPUDDED ON 4-4-13 @ 12:00 AM

RECEIVED

APR 10 2013

STATE OIL & GAS BOARD

Corrected

**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 JHP OPERATING CO., LLC				DATE 3/15/2013 8:24:14 AAA		
ADDRESS 59 DUNBAR ROAD		CITY NATCHEZ	STATE MS	ZIP 39120	TELEPHONE	
NAME OF WELL Smith et al		WELL NO 1	ELEVATION (GROUND) 209		PROPOSED WELL TYPE  OIL - Production	
WELL LOCATION 712' FWL & 660' FSL		FNL/FSL	SECTION 41	TOWNSHIP 9 N		RANGE 2 W
		FEL/FWL	LATITUDE 31.6991			LONGITUDE (NEW) -91.2692
FIELD NAME Church Hill			API No. (EXISTING WELL) 23-063-20508		APPROX. DATE WORK BEGINS	
RESERVOIR WILCOX OIL POOL			COUNTY JEFFERSON			
PROPOSED DEPTH (FT)  5700	PROPOSED LENGTH OF SURFACE CASING (FT)  456	NO. ACRES IN DRILLING UNIT  40	DISTANCE FROM PROPOSED LOC. TO NEAREST DRILLING LINE (FT)  330		DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL (FT)  660	
NAME OF DRILLING CONTRACTOR						
ADDRESS		CITY	STATE	ZIP		

**For Change of Operator Only - Signature of Former Operator Required for Transfer of Well**

AUTHORIZED REPRESENTATIVE SIGNATURE	NAME OF FORMER OPERATOR
-------------------------------------	-------------------------

NOTIFY 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 A WORKOVER: PRESENT PRODUCING ZONE
	EXPECTED NEW PRODUCING ZONE

Executed this day \_\_\_\_\_  
 State \_\_\_\_\_  
 County \_\_\_\_\_  
 PERMIT NUMBER 2013-OPD-0149  
 APPROVAL DATE 3/15/2013

Affiant name \_\_\_\_\_  
 Notary Name \_\_\_\_\_  
 Commission Expires \_\_\_\_\_

APPROVED BY  
 NOTICE:

BEFORE SENDING THIS FORM, BE SURE THAT ALL  
 INFORMATION REQUESTED IS GIVEN.

MISSISSIPPI STATE OIL & GAS BOARD APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR FORM 2 (rev. 5/10) API WELL NUMBER 23-063-20508-0000
--

# 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 <b>JHP OPERATING CO., LLC</b>				DATE <b>03/12/2013</b>	
ADDRESS <b>59 DUNBAR ROAD</b>		CITY <b>NATCHEZ</b>	STATE <b>MS</b>	ZIP <b>39120</b>	TELEPHONE <b>601-807-0983</b>
NAME OF WELL <b>SMITH ET AL</b>		WELL NO. <b>1</b>	ELEVATION (GROUND) <b>209.0 N.G.V.D.</b>		CHECK TYPE OF PROPOSED WELL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS OTHER (NAME) _____
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) <b>SEE REMARKS</b>		SECTION - TOWNSHIP - RANGE <b>41 - T9N - R2W</b>		LATITUDE - LONGITUDE (NEW WELLS) (dd.dddd) <b>Lat.: 31.6991; Long.: 91.2692</b>	
FIELD & RESERVOIR (IF WILDCAT, SO STATE) <b>CHURCH HILL FIELD - WILCOX</b>			API NO. (EXISTING WELL) <b>NA</b>		APPROX. DATE WORK BEGINS <b>UPON APPROVAL</b>
PROPOSED DEPTH <b>5,700</b> FEET		PROPOSED LENGTH OF SURFACE CASING <b>456</b> FEET		NUMBER OF ACRES IN DRILLING UNIT <b>40.0</b> ACRES	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE <b>330</b> FEET  DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED FOR WELL <b>OVER 660</b> FEET
NAME OF DRILLING CONTRACTOR <b>TO BE DETERMINED</b>			NOTICE: PRIOR TO BEGINNING WORK NOTIFY OIL AND GAS INSPECTOR <b>DALLAS DALEY</b> <b>601-906-9896</b>		
ADDRESS _____			R OF _____		
FOR CHANGE OF OPERATOR ONLY AUTHORIZED REPRESENTATIVE SIGNATURE _____					
NOTE: AREA FIELD INSPECTOR OR FIELD DIRECTOR (JACKSON OFFICE) OF DATES OF STOPPING AND RESUMING WORK 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) From the southeast corner of Section 40, T9N-R2W, Jefferson County, Mississippi, go northerly along the east boundary of Section 40 for 660 feet; thence westerly at right angles for 712 feet to the location in Section 41, T9N-R2W, Jefferson County, Mississippi. <b>Define pool per Special Field Rules upon Completion</b>					
ARE THERE SEPARATELY OWNED TRACTS OR INTERESTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT? (REF. MS. STATUTE 53-3-7)		YES <b>X</b>	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 <b>X</b>	NO

EXECUTED THIS THE 12th DAY OF March, 2013  
 STATE OF MS  
 COUNTY OF Adams

SIGNATURE OF AFFIANT

*Joseph H. Porter, III*

KNOWN TO ME TO BE THE PERSON WHOSE NAME

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Joseph H. Porter, III  
 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 12th DAY OF March, 2013

Signature

NOTARY PUBLIC IN AND FOR

COUNTY Adams



PERMIT NUMBER

**2013-OPD-149**

APPROVAL DATE

**3/15/2013**

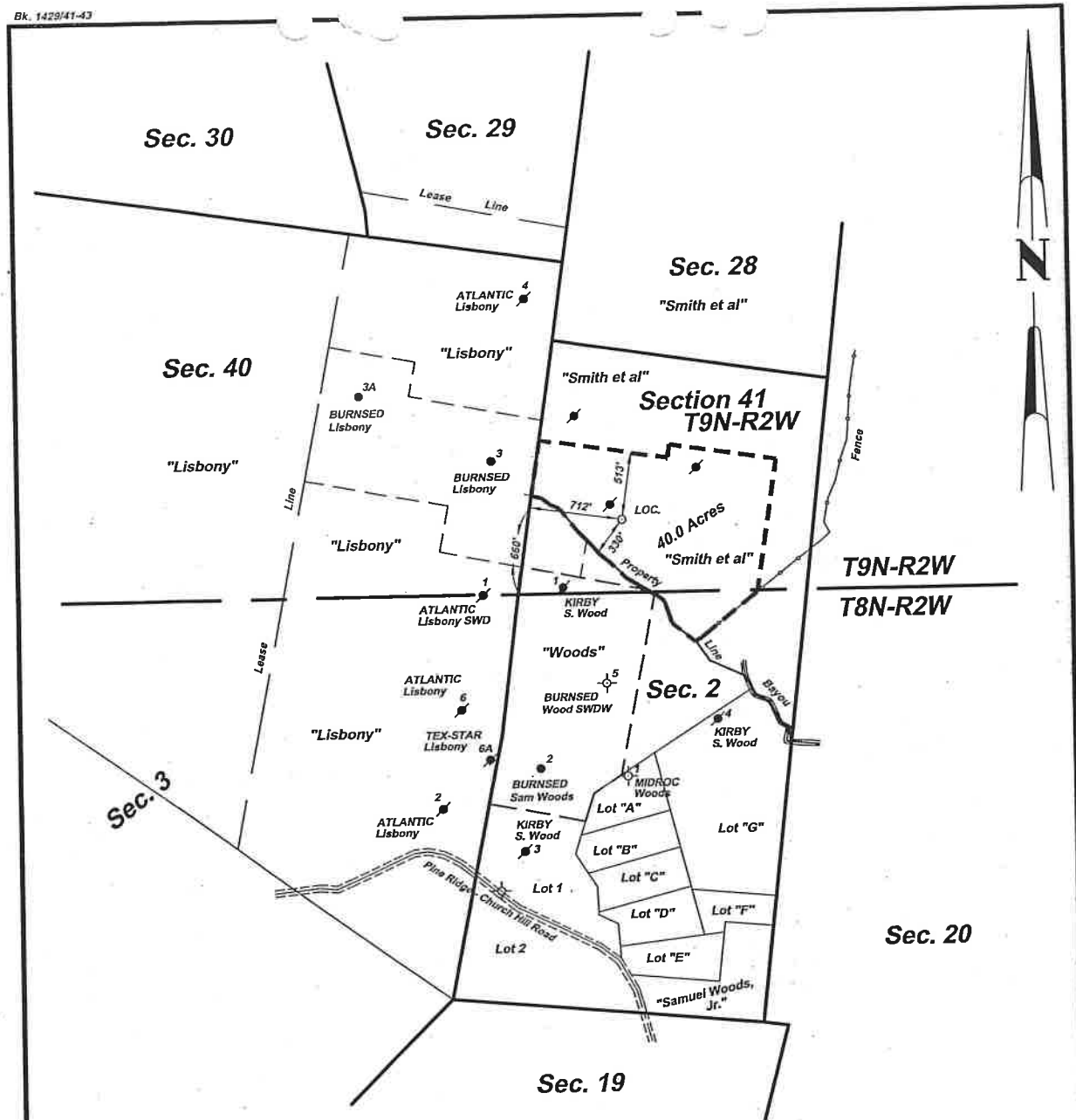
APPROVED BY

*[Signature]*

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

STATE OIL & GAS BOARD

MISSISSIPPI STATE OIL AND GAS BOARD		
FORM 2 (Rev. 5/10)		
A.P.I. WELL NUMBER		
STATE <b>23</b>	COUNTY <b>063</b>	WELL <b>20508</b>



Ground Elevation at Staked Location = 209.0 N.G.V.D. (Before Grading)

**DESCRIPTION OF LOCATION:** From the southeast corner of Section 40, T9N-R2W, Jefferson County, Mississippi, go northerly along the east boundary of Section 40 for 660 feet; thence westerly at right angles for 712 feet to the location in Section 41, T9N-R2W, Jefferson County, Mississippi.

Position of location from (NAD '83): Lat. 31.6991° and Long. 91.2692°

*Malcolm G. Barlow*  
Malcolm G. Barlow, Reg. P.L.S. #1499  
January 15, 2013

Well Location For  
**JHP OPERATING COMPANY, LLC**  
**Smith et al No. 1**  
Sited In  
Section 41, T9N-R2W  
Jefferson County, Mississippi



January 2013



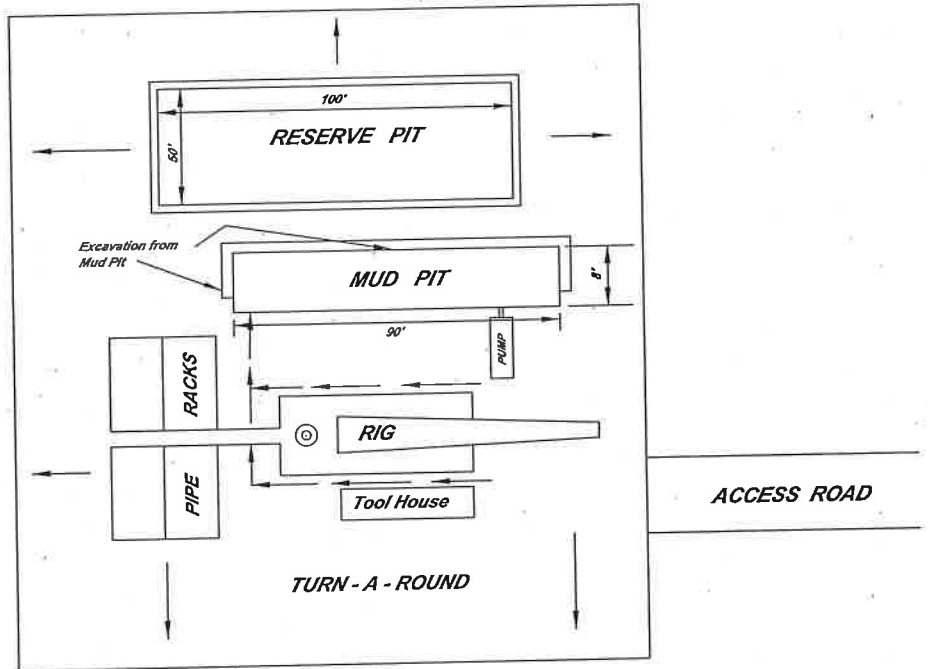
MAR 13 2013

STATE OF MISSISSIPPI

Church Hill Field

**JORDAN, KAISER & SESSIONS**  
Civil Engineers & Professional Land Surveyors  
P. O. Box 1267, Natchez, Mississippi 39121  
Tel.: (601)442-3628 Fax: (601)442-5511

- A. The drilling fluids associated with drilling this well location will be spread over the surface of lands with prior permission obtained from the surface owner.
- B. The approximate volume of drilling mud, cuttings, drainage water and other associated fluids to be contained within the reserve pit is 18,000 cubic feet or 3,250 barrels.
- C. The typical size of the reserve pit will vary from 50 feet by 100 feet to 100 feet by 100 feet, depending on the topography of the drill site. The depth of the reserve pit will be sufficient to accommodate the volume of the drilling fluids.



—NOTE—  
Drawing Not To Scale

### TYPICAL WILCOX ROTARY RIG FACILITY SITE

RECEIVED  
MAR 13 2013  
STATE OIL & GAS BOARD

OPERATOR'S REP.: J.H. "Jay" Porter

OPERATOR: JHP OPERATING CO., LLC

ADDRESS: P.O. Box 337

WELL NAME: Smith et al No. 1

Vidalia, La. 71373

LOCATION: Sec. 41 T 9N R 2W

TELEPHONE NUMBER: 601.807.8983

COUNTY: Jefferson

STATE OF MISSISSIPPI