

<b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 Fax:(575) 393-0720 <b>District II</b> 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 <b>District IV</b> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b> <b>Oil Conservation Division</b> <b>1220 S. St Francis Dr.</b> <b>Santa Fe, NM 87505</b>	Form C-103 August 1, 2011 Permit 184051 WELL API NUMBER 30-025-41282 5. Indicate Type of Lease P 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name BERTHA J BARBER																																																
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)																																																		
1. Type of Well: O		8. Well Number 016																																																
2. Name of Operator APACHE CORP		9. OGRID Number 873																																																
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000, Midland, TX 79705		10. Pool name or Wildcat																																																
4. Well Location Unit Letter <u>A</u> : <u>1310</u> feet from the <u>N</u> line and feet <u>853</u> from the <u>E</u> line Section <u>7</u> Township <u>20S</u> Range <u>37E</u> NMPM County <u>Lea</u>																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3554 GR																																																		
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____																																																		
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <table style="width:100%;"> <tr> <td colspan="2" style="text-align: center;">NOTICE OF INTENTION TO:</td> <td colspan="2" style="text-align: center;">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>PERFORM REMEDIAL WORK <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> <td>REMEDIAL WORK <input type="checkbox"/></td> <td>ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>TEMPORARILY ABANDON <input type="checkbox"/></td> <td>CHANGE OF PLANS <input type="checkbox"/></td> <td>COMMENCE DRILLING OPNS. <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> </tr> <tr> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>MULTIPLE COMPL <input type="checkbox"/></td> <td>CASING/CEMENT JOB <input type="checkbox"/></td> <td></td> </tr> <tr> <td colspan="2">Other: _____</td> <td colspan="2">Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/></td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>	TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE OF PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>		Other: _____		Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/>																													
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:																																																
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>																																															
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE OF PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>																																															
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>																																																
Other: _____		Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/>																																																
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.  See Attached 1/11/2014 Spudded well.																																																		
<b>Casing and Cement Program</b> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>String</th> <th>Fluid Type</th> <th>Hole Size</th> <th>Csg Size</th> <th>Weight lb/ft</th> <th>Grade</th> <th>Est TOC</th> <th>Dpth Set</th> <th>Sacks</th> <th>Yield</th> <th>Class</th> <th>1" Dpth</th> <th>Pres Held</th> <th>Pres Drop</th> <th>Open Hole</th> </tr> </thead> <tbody> <tr> <td>01/11/14</td> <td>Surf</td> <td></td> <td>11</td> <td>8.625</td> <td>24</td> <td>J55</td> <td></td> <td>1047</td> <td>400</td> <td>1.76</td> <td>C</td> <td></td> <td>2000</td> <td></td> <td></td> </tr> <tr> <td>01/16/14</td> <td>Prod</td> <td></td> <td>7.875</td> <td>5.5</td> <td>17</td> <td>J55</td> <td></td> <td>3954</td> <td>1200</td> <td>2.07</td> <td>C</td> <td></td> <td>2500</td> <td></td> <td></td> </tr> </tbody> </table>			Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole	01/11/14	Surf		11	8.625	24	J55		1047	400	1.76	C		2000			01/16/14	Prod		7.875	5.5	17	J55		3954	1200	2.07	C		2500		
Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole																																			
01/11/14	Surf		11	8.625	24	J55		1047	400	1.76	C		2000																																					
01/16/14	Prod		7.875	5.5	17	J55		3954	1200	2.07	C		2500																																					
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .																																																		
SIGNATURE _____		TITLE _____																																																
Type or print name <u>Electronically Signed Bobby Smith</u>		E-mail address <u>bobby.smith@apachecorp.com</u>																																																
DATE <u>4/2/2014</u>		Telephone No. <u>432-818-1020</u>																																																
<b>For State Use Only:</b> APPROVED BY: <u>Paul Kautz</u> TITLE <u>Geologist</u> DATE <u>4/3/2014 11:17:04 AM</u>																																																		

SPUD 1/11/2014

1/11/2014 SPUD IN F/ 51' TO 1047; TD 1/11/2014 HR. NOTIFIED OCD OF SPUD VIA VOICE MAIL 1300 HR 1/11/2014; CIRC PUMP SWEEPS; TOO H TO RUN 8 5/8 CSG.

\*LEWIS CSG,CREW; HOLE SIZE 11; RUN 25 JTS; STRING SIZE 8.625"; WT 24#; TYPE J-55 STC W/FLOAT COLLAR AND GUIDE SHOE; FC @ 1003'; CSG, SET @ 1047'; RAN 9 CENTRALIZERS; CIRC; SURF CSG PRESSURE TEST: 2000 PSI/ 30 MIN. - OK.

1/12/2014 \*RU W/ PAR 5; PUMPED 20 BBLS F/W;LEAD W/200 SKS "C"; MIXED @ 13.5 PPG; YIELD @ 1.76 CF/SK; 63 BBLS SLY; TAIL W/ 200 SKS CLASS "C" MIX @ 14.8 PPG; YIELD @ 1.34 CF/SK; 47 BBLS SLY; DISPLACE W/ 63 BBLS F/W; BUMP @ 0115 HR 1/12/2014 W/1080 PSI; PRIOR 400 PSI @ 2.8 BPM. CIR 38 BBLS/121 SKS CMT TO SURFACE; FLOAT HELD OK; OCD NOTIFIED VIA VM 1/11/2014

1/13/2014 CONTROLLED DRILLING DUE TO INCLINATION PROBLEMS FROM 1885 TO 2027; SERVICE RIG. FUNCTION TEST BOP; CONTROLLED DRILLING DUE TO INCLINATION PROBLEMS FROM 2027 TO 2251 HAULED 2 BINS- OFF;

1/14/2014 CONTROLLED DRILLING DUE TO INCLINATION PROBLEMS FROM 2251 TO 2539; SERVICE RIG; FUNCTION TEST BOP; CONTROLLED DRILLING DUE TO INCLINATION PROBLEMS FROM 2539 TO 2965.

1/15/2014 CONTROLLED DRILLING DUE TO INCLINATION PROBLEMS FROM 2965. TO 3520; SERVICE RIG; FUNCTION TEST BOP; CONTROLLED DRILLING DUE TO INCLINATION PROBLEMS FROM 3520 TO 3954; TD @ 2230 HR; 1/15/2014

PUMP SWEEPS & CIRCULATE. HAULED 3- BINS; 3- LOADS BRINE; 2- LOADS F/W

1/16/2014 TOO H F/ LOGS; HSM W/ RIG CREW & WEATHERFORD LOGGERS RU 1 ONE RUN;SPECTRAL GAMMA RAY; SPECTRAL DENSITY;COMPENSATED NEUTRON; DUAL LATEROLOG/ WEATHERFORD LOGGERS TD 3953;

\*LEWIS CSG CREW RU AND RUN 96 JTS; HOLE SIZE 7 8.75; STRING SIZE 5.50; WT 17.0#; TYPE J-55 LT&C W/FLOAT COLLAR AND FLOAT SHOE; FC @ 3914'; CSG SET @ 3954'; MRKR JT @ 3335'; RAN 37 CENTRALIZERS; NOTIFIED OCD VIA VOICE MAIL; 0430; 1/16/2014 OF CSG AND CMT JOB; CIRC

\*RU CEMENT PAR- FIVE; PUMP 1ST STAGE;20 BBLS F/W; 24 BBLS MUD FLUSH; LEAD W/ 900 SKS 35/65 POZ/C MIXED @ 12.6 PPG; YIELD @ 2.07 CF/SK; 331 BBLS SLY; TAIL W/ 300 SKS 50/50 CLASS"C"; MIXED @ 14.2; YIELD @ 1.38 CF/SK; 73 BBLS SLY; DISPLACED W/ 93 BBLS 8.33 F/W; BUMPED @ 1726 HR; 1/16/2014; WITH 1841 PSI; PRIOR 1146 PSI; @ 3 BPM; CIRCULATED 166 BBLS 450 SKS; FLOATS HELD OK. ND BOP SET SLIPS W/ 70000 CUT OFF NU TUBIN HEAD JET PITS;

RIG RELEASED 1/16/2014

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Comments  
Permit 184051

**DRILLING COMMENTS**

Operator: APACHE CORP 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 873
	Permit Number: 184051
	Permit Type: Drilling

**Comments**

Created By	Comment	Comment Date
There are no Comments for this Permit		