

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 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	Form C-103 August 1, 2011 Permit 198597 WELL API NUMBER 30-025-41782 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name MCDONALD STATE AC 2																																																
SUNDRY NOTICES AND REPORTS ON WELLS (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 039																																																
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>J</u> : <u>2230</u> feet from the <u>S</u> line and feet <u>1710</u> from the <u>E</u> line Section <u>13</u> Township <u>22S</u> Range <u>36E</u> NMPM County <u>Lea</u>																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3470 GR																																																		
Pit or Below-grade Tank Application ☐ or Closure ☐ 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">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>PERFORM REMEDIAL WORK ☐</td> <td>PLUG AND ABANDON ☐</td> <td>REMEDIAL WORK ☐</td> <td>ALTER CASING ☐</td> </tr> <tr> <td>TEMPORARILY ABANDON ☐</td> <td>CHANGE OF PLANS ☐</td> <td>COMMENCE DRILLING OPNS. ☐</td> <td>PLUG AND ABANDON ☐</td> </tr> <tr> <td>PULL OR ALTER CASING ☐</td> <td>MULTIPLE COMPL ☐</td> <td>CASING/CEMENT JOB ☐</td> <td></td> </tr> <tr> <td colspan="2">Other: _____</td> <td colspan="2">Other: <u>Drilling/Cement</u> ☒</td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTER CASING ☐	TEMPORARILY ABANDON ☐	CHANGE OF PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDON ☐	PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐		Other: _____		Other: <u>Drilling/Cement</u> ☒																													
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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 12/19/2014 Spudded well.																																																		
Casing and Cement Program <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>12/20/14</td> <td>Surf</td> <td></td> <td>11</td> <td>8.625</td> <td>24</td> <td>J55</td> <td></td> <td>1232</td> <td>625</td> <td>1.75</td> <td>C</td> <td></td> <td>2000</td> <td></td> <td></td> </tr> <tr> <td>12/28/14</td> <td>Prod</td> <td></td> <td>7.875</td> <td>5.5</td> <td>17</td> <td>J55</td> <td></td> <td>7500</td> <td>775</td> <td>1.88</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	12/20/14	Surf		11	8.625	24	J55		1232	625	1.75	C		2000			12/28/14	Prod		7.875	5.5	17	J55		7500	775	1.88	C		2500		
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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 ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐ .																																																		
SIGNATURE _____ TITLE _____ DATE <u>1/20/2015</u> Type or print name <u>Bobby Smith</u> E-mail address <u>bobby.smith@apachecorp.com</u> Telephone No. <u>432-818-1020</u>																																																		
For State Use Only: APPROVED BY: <u>Paul Kautz</u> TITLE <u>Geologist</u> DATE <u>1/21/2015 2:14:11 PM</u>																																																		

SPUD 12/19/2014 DRLG F/ 51' TO 1232'; CIRC TO TOH; RUN CSG

12/20/2014 CSG STRNG @ 1232'; HOLE SZ 11", STRNG SZ 8.625, TYPE J-55, WT 24, ST&C W/ FLOAT COLLAR & GUIDE SHOE; FLOAT COLLAR @ 1188'; SURF CSG PRESSURE TEST: 2000 PSI/ 30 MIN. - OK. RAN 10 CENTRALIZERS

12/20/2014 LEAD: 375 SKS OF CMT, CL C, 13.5 PPG; YIELD 1.75, TAIL: 250 SKS OF CMT, CL C, 14.8 PPG, YIELD 1.33; CIRC 160 SKS TO SURFACE.

12/21-12/28 DRILL OUT SHOE TRACK; DRLD F/1232' – 1324'; START DRLG PRODUCTION @ 1232' MD; DRLG 1324'-7500' MD; TD PRODUCTION AT 6945'; RU LOGGERS

12/28/2014 CSG STRNG @ 7500'; HOLE SZ 7.875, STRNG SZ 5.5, TYPE J55, WT 17.0, FC @ 7455';

CMT: 1ST STAGE: LEAD 275 SKS, CL C, PPG 12.6; YIELD 1.88, TAIL 680 SKS, CL C, PPG 14.2; YLD 1.27; CIR 101 SKS TO SURF;

2ND STAGE: : LEAD 500 SKS, CL C, PPG 12.6; YIELD 1.88, TAIL 100 SKS, CL C, PPG 14.80; YLD 1.3; CIRC 0 SKS TO SURF.

NUMBER OF CENTRALIZERS SHOE TO DV TOOL = 49

NUMBER OF CENTRALIZERS DV TOOL TO SURFACE = 31 TOTAL OF 80

PROD CSG PRESSURE TEST: 2500 PSI/ 30 MIN. - OK

12/29/2014 – RR

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

Comments
Permit 198597

DRILLING COMMENTS

Operator: APACHE CORP 303 Veterans Airpark Lane Midland, TX 79705	OGRID:	873
	Permit Number:	198597
	Permit Type:	Drilling

Comments

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