

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 184014 WELL API NUMBER 30-025-41588 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name NORTHEAST DRINKARD UNIT																																																
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 540																																																
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>L</u> : <u>2205</u> feet from the <u>S</u> line and feet <u>900</u> from the <u>W</u> line Section <u>10</u> Township <u>21S</u> Range <u>37E</u> NMPM _____ County <u>Lea</u>																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3459 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 2/16/2014 Spudded well.																																																		
Casing and Cement Program <table border="1" 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>02/18/14</td> <td>Surf</td> <td></td> <td>11</td> <td>8.625</td> <td>24</td> <td>J55</td> <td></td> <td>1290</td> <td>600</td> <td>1.75</td> <td>C</td> <td></td> <td>1500</td> <td></td> <td></td> </tr> <tr> <td>02/22/14</td> <td>Prod</td> <td></td> <td>7.875</td> <td>5.5</td> <td>17</td> <td>L80</td> <td></td> <td>6955</td> <td>1250</td> <td>2</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	02/18/14	Surf		11	8.625	24	J55		1290	600	1.75	C		1500			02/22/14	Prod		7.875	5.5	17	L80		6955	1250	2	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 _____		DATE _____																																																
Type or print name _____		Telephone No. _____																																																
Electronically Signed _____		4/1/2014																																																
Bobby Smith		432-818-1020																																																
E-mail address _____																																																		
bobby.smith@apachecorp.com																																																		
For State Use Only: APPROVED BY: _____ TITLE _____ DATE _____ Paul Kautz Geologist 4/2/2014 11:45:29 AM																																																		

SPUD 2/16/2014

- 2/16/2014 DRLG F/53' - T/ 761'; RIG SERVICE; DRLG F/ 761' - T/ 900'
- 2/17/2014 DRLG F/ 900' - T/ 1,290'; CIRCULATE HOLE CLEAN PUMPED 2/ 50 BBLS HIGH VIS SWEEPS; TOH; RU LEWIS CSG CREW; NO RETURNS WHILE RUNNING CSG.
- *RAN 12 JTS 8.625"; HOLE SIZE 11; 24# J-55 ST&C T/405' STUCK PIPE; NOTIFIED NMOC D @ 07:30 HRS 2-17-2014; LEFT MESSAGE W/ EL GONSALES;
- WORK STUCK PIPE FREE TOH WITH CASING F/ 405' - T/ /0'; MIX MUD MUD TO 40 VIS; PU BHA # 2 HUGHES TRI CONE BIT 11" ; BIT SUB ; & DCWASH & REAM FROM 84' - T / 564' PUMPED 10# PPB LCM PILL TO REGAIN RETURNS @ 84';
- 2/18/2014 WASH & REAM F/564' - T / 1290'; CIRCULATE HOLE CLEAN FOR TOH; TOH F/1,290' - T/ 0' NO ABNORMAL DRAG
- *RU LEWIS CSG CREW; RUN 31 JTS 8.625"24# J-55 ST&C W/ FLOAT COLLAR & GUIDE SHOE; FLOAT COLLAR @ 1245; CSG SET @ 1290'; RAN 8 CENTRALIZERS NOTIFIED NMOC D @ 07:30 HRS 2-17-2014; LEFT MESSAGE W/ EL GONSALES; CIRC HOLE CLEAN W/O PAR FIVE CEMENTERS
- *PAR FIVE; PUMP 20 BBLS FW; LEAD W/ 400 SKS. CL.C W/2% CACL2; MIXED @ 13.5 PPG.; YEILD 1.75 CF/SK ; 125 BBLS SLURRY; TAIL W/ 200 SKS CLASS "C"; MIX @ 14.8 PPG; YEILD @ 1.34 CF/SK; 47 BBL SLURRY; DISPLACE W/ 79.5 BBLS 10.0 BW; BUMP @ 16:30 HRS 2/ 18/14 W/ 1030 PSI; PRIOR 500 PSI @ 3 BPM; FLOAT HELD; CIRC 32 BBLS (106 SX) TO PIT (NOTIFIED NMOC D @ 07:30 HRS 2-17-2014; LEFT MESSAGE) WOC; CUT 8 5/8" CASING & WELD HEAD ON STUMP TEST TO 500 PSI TEST GOOD; NU BOP
- 2/19/2014 TEST BLIND RAMS ; PIPE RAMS ; & CHOKE MANIFOLD INSIDE & OUT SIDE VALVES ON MUD CROSS; CHECK VALVE ; UPER & LOWER KELLY VALVE ; TIW & DART VALVE ; 250 LOW & 2000 PSI HIGH; TEST ANULAR 250 LOW , 1500 PSI HIGH ; (NOTIFIED NMOC D @ 07:30 HRS 2-17-2014; LEFT MESSAGE)
- PU BHA # 3 BAKER 7 7/8" PDC BIT T606X ; PHOENIX MUD MTR 7/8 LOBE 5.0 STAGE .28 RPG ; 18 DC TIH T/ 1,248'; DRLG CEMENT F/1,248' - T/ 1,290'
- 2/21/2014 DRLG F/ 4852 TO 5996; SERVICE RIG (BOP DRILL & FUNCTION TEST PIPE RAMS); DRLG F/ 5996' TO 6955' ; AROP 100.9' FT/HR; LAST SURVEY @ 6915' ; INC .4° PUMP PRESS 2200 PSI @ 115 STROKES 228 JTS OF 4 1/2 16.60 X-95 ON LOC 227 USEABLE; NO ISSUES; CIRC TO LLDP;
- TD @ 6955; 2100 HRS 2-21-14;
- 2/22/2014 RIG UP BAKER HUGHES LOGGERS; LOG WELL; LOGGERS TD 6954; LOGS RAN ; SPECTRAL GAMMA RAY ; SPECTRAL DENSITY/ COMPENSATED NEUTRON ; DUAL LATEROLOG / MSFL,
- *RU LEWIS CSG. CREW.; RAN 168 JTS 5.5" 17# L-80 LTC W/ FLOAT COLLAR AND FLOAT SHOE; FC @ 6914' CSG SET @ 6955'; RAN 68 CENT (NOTIFIED NMOC D @ 0530 HRS ABOUT CSG JOB & CEMENT JOB; 2-22-14 LEFT MESSAGE W/ PATRICIA) CIRC TO CEMENT
- *PAR FIVE & RIG UP PAR FIVE; PUMP 20 BBLS FW; 20 BBLS MUD WASH; LEAD W / 1000 SKS. 35/65 POZ; MIXED @ 12.6 PPG.; YEILD 2.0 CF/SK ; TAIL W/ 250 SKS PVL ; MIX @ 13.0 PPG; YEILD @ 1.48 CF/SK; DISPLACE W/ 160 BBLS FW; BUMP @ 2100 HR 2/22/14 W/ 2500 PSI; PRIOR 2000 PSI @ 2 BPM; FLOAT HELD OK, CIRC 40 BBLS.; 109 SKS TO PIT (NOTIFIED NMOC D @ 0530 HRS 2-22-14 LEFT MESSAGE)
- NIPPLE DN BOP SET SLIPS & CUT OFF; LAY DN. BOP & JET PITS;
- 2/23/2014 - RR

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District IV
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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 184014

DRILLING COMMENTS

Operator: APACHE CORP 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 873
	Permit Number: 184014
	Permit Type: Drilling

Comments

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