

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 214186 WELL API NUMBER 30-025-42714 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name EAST VACUUM (GSA) 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: I		8. Well Number 522																																																
2. Name of Operator CONOCOPHILLIPS COMPANY		9. OGRID Number 217817																																																
3. Address of Operator 3401 E. 30th Street, Farmington, NM 87402		10. Pool name or Wildcat																																																
4. Well Location Unit Letter <u>L</u> : <u>2130</u> feet from the <u>S</u> line and feet <u>1120</u> from the <u>W</u> line Section <u>27</u> Township <u>17S</u> Range <u>35E</u> NMPM _____ County <u>Lea</u>																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3940 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">NOTICE OF INTENTION TO:</td> <td colspan="2">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"/>																													
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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 11/25/2015 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>11/30/15</td> <td>Surf</td> <td></td> <td>12.25</td> <td>8.625</td> <td>24</td> <td>J55</td> <td>0</td> <td>1622</td> <td>2200</td> <td></td> <td>C</td> <td></td> <td>1500</td> <td></td> <td></td> </tr> <tr> <td>12/12/15</td> <td>Prod</td> <td></td> <td>7.875</td> <td>5.5</td> <td>15.5</td> <td>J-55</td> <td>0</td> <td>5039</td> <td>805</td> <td></td> <td>C</td> <td></td> <td></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	11/30/15	Surf		12.25	8.625	24	J55	0	1622	2200		C		1500			12/12/15	Prod		7.875	5.5	15.5	J-55	0	5039	805		C				
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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 <input type="checkbox"/> , a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .																																																		
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East Vacuum (GSA) Unit 522

11/24/15 MIRU Precision 194.

11/25/15 Spud. NU conductor, RIH & tag @ 54', drill 12-1/4" surf hole to TD 54' – 1650', pump sweep circ hole clean, drop TOTCO, pump out of hole 1170', POOH to 770' when hole unloaded drilling fluid from well bore, evacuate rig & monitor well, well inflow was discussed with Maxey Brown, NMOCD by Fred Ahmadi

11/26/15 Pumped FW on back side, pumped thru DP, build & spot 20# LCM pills, getting returns while pumping pills

11/27/15 Spot LCM pills, repair drawworks brakes, work pipe free, circ sweep around (hole unloaded large amt of cuttings), chg oil in top drive, back ream out of hole, PUCO assbly, TIH to 750', W&R hole 790' – 960', tried to TI but taking weight (lots of sand coming across shakers)

11/28/15 W&R hole to 1608' (lost returns), spot LCM pill TOH to 1130' w continuous filling back side w water, monitor well, establish full circ, W&R to 1603' lost returns, pumped 70 ppb LCM pill regain circ W&R to bottom 1650' (full returns), pumped HI-VIS sweeps circ hole clean, POOH 1650' – 545' to log

11/29/15 log well, logs could only get down to 865', TIH to 850' W&R 850', 1120', 1200' & 1245' – 1650', pump HI-VIS sweep, pump fluid caliper, caliper showed that hole has 213% WO, short trip to 700', had to back ream up to 1350', pipe pulled free to 700', TIH W&R 1520' to btm, circ hole clean, spot 50 ppb LCM pill on btm, attempt to TOH, had to back ream up to 1327', hole pulled good from there to surf

11/30/15 RIH w 39 jts of 8-5/8", 24#, J55, ST&C surf csg & set @ 1622', pump 1930 sx (601 bbls) class C lead cmt & 270 sx (65 bbls) class C tail cmt, disp w 101 bbls FW, bump plug, inflate ACP external pkr (top @ 603.6'), drop & set DV cancellation plug on DV tool (top @ 592.8'), circ 135 sx (215 bbls) to surf

12/1/15 ND conductor, WOC for 8 hrs, cut & slip 45' dl, take surveys every 200', DO DV cancellation plug @ 600', TIH to 1496', circ out test csg to 1500#/30 min, drill float equip & 10' new hole

12/2/15 complete formation integrity, EMW 12.0 test to 205# w 9.6 ppg mud @ 1650' for 10 min w BOP test truck – test good, drill 7-7/8" prod hole 1650' – 3980'

12/3/15 cont'd drilling to 4515', took kick, SI, attempt to circ CO2 gas out of well on choke, mud foamed up, raised mud weight to 10.7 ppg, circ 10.7 ppg mud on choke & kill well

12/4/15 cont'd drilling to 5050' TD, circ hole clean, flow chk well, POOH, RU & log well

12/7/15 RIH w CIBP @ 1600', PU csg to 1000# to test plug, TIH

12/8/15 cont'd TIH to 1558', RIH to 1561' began drilling CIBP thru the gas buster, drill 6" of the plug & started to gain mud, SI, circ btms up thru choke, cont'd drilling plug, once broke thru the plug the csg pressure increased & began gaining volume & mud was cut 14.3 ppg, circ thru choke & balance mud weight @ 15 ppg mixing barite, began stripping in the hole 1562' – 1827' w 4-1/2" DP, circ hole thru choke, caught 10.5 ppg mud weight (mostly just clear brine water) coming back @ btms up, stopped circ & SI, transfer 130 bbls light mud to frac tank, transfer last 60 bbls 15 ppg kill mud to pits

12/9/15 weight up system to 15 ppg, circ btms up w 15 ppg mud thru choke, strip in hole 1827' – 2548' (plug hung up @ 2300'), circ btms up 3x (remove 12.5 – 13.2 ppg mud & replace w 14.3) mud weight cut to 14.5 ppg by light mud in annulus, bleed 5 bbls & monitor for 5 min, no chg in csg pressure (498#), strip in hole 2548' – 3946', circ btms up w 14 ppg mud thru choke, bleed 5 bbls & monitor for 5 min, no chg in csg pressure (453#), strip in hole 3946' – 4836', circ btms up w 14 ppg mud thru choke, csg pressure dropped down to 85#, opened chokes & monitor well for 30 min, well static for 15 min but started to flow @ 5 bbls/hr after initial 15 min, circ & condition mud to 13 ppg thru chokes, opened bag & closed HCR due to chokes packing off w LCM & rubber, cont'd to circ & condition mud to 13 ppg while clean out chokes, flow check well, circ & condition mud to 13.5 ppg.

12/10/15 flow check, WD 4789' – 4876', circ btms up, WD 4876' – 5050', circ & condition mud & bring weight down from 13.5 ppg – 12.5 ppg, flow check, circ & condition mud from 12.5 ppg – 11.5 ppg, flow check, circ btms up, flow check, circ btms up

12/11/15 flow check, circ btms up & a full circ plus w 11.5 ppg mud, got a mud cut from 11.5 ppg to 11.3 ppg at the shaker & a small amt of oil, mud weight came back to 11.5 ppg at the shaker but still had some oil coming back, mis 13 ppg for hole fill mud on trip, remove barite from btm of trip tank, POOH & LDDS from 5050', continuous fill w 13 ppg mud from trip tank, hole taking proper fill, flow check, RIH w 120 jts of 5-1/2", 15.5#, J55, LT&C prod csg & set @ 5039', 10" ACP external pkr plus 5' PUP @ 1434' (top), hit bridge @ 3535', broke circ & washed thru bridge down to 3560', took 15K weight on bit to go to btm, circ btms up & hole clean

12/12/15 pump 625 sx (250 bbls) of 60:40 POZ: C lead cmt & 180 sx (50 bbls) of 50:50 POZ: C tail cmt, displ w 119.5 bbls fw w bactron K-31, bumped plug, pkr inflated, circ 162 sx (60 bbls) to surf

12/13/15 NU tbq head & test @ 5000# - test good, clean mud tanks & RDMO.

District I
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District III
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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 214186

DRILLING COMMENTS

Operator: CONOCOPHILLIPS COMPANY 3401 E. 30th Street Farmington, NM 87402	OGRID: 217817
	Permit Number: 214186
	Permit Type: Drilling

Comments

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