

Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised August 1, 2011

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

<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.)		WELL API NO. 30-025-26677 ✓
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection Well <input checked="" type="checkbox"/> <b>HOBBS OCD</b>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator ConocoPhillips Company		6. State Oil & Gas Lease No.
3. Address of Operator P. O. Box 51810 Midland, TX 79710		7. Lease Name or Unit Agreement Name East Vacuum (GSA) Unit Tract 3236
4. Well Location Unit Letter <u>F</u> : 1450 feet from the <u>North</u> line and <u>2500</u> feet from the <u>West</u> line Section <u>32</u> Township <u>17S</u> Range <u>35E</u> NMPM County <u>Lea</u>		8. Well Number 006
		9. OGRID Number 217817
		10. Pool name or Maljamar; GB-SA
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3965' GL		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: Isolate possible csg leak and repair ☒

OTHER: ☐

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

ConocoPhillips Company would like to isolate possible csg leak per attached procedure.  
Attached is a current wellbore schematic.

**The Oil Conservation Division  
MUST BE NOTIFIED 24 Hours  
Prior to the beginning of operations**

**Condition of Approval: notify  
OCD Hobbs office 24 hours  
prior of running MIT Test & Chart**

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

*Rhonda Rogers*

TITLE: Staff Regulatory Technician

DATE 05/20/2015

Type or print name Rhonda Rogers

E-mail address: rogers@conocophillips.com

PHONE: (432)688-9174

For State Use Only

APPROVED BY:

*Mary L Brown* TITLE: Dist. Supervisor

DATE 5/28/2015

CONDITION OF APPROVAL: Notify OCD DISTRICT OFFICE 24 HOURS prior to STARTING THE WORKOVER.

CONDITION OF APPROVAL: Operator shall give the OCD District Office 24 hour notice before running the MIT test and chart.

MAY 28 2015

### Project Scope

**Justification and Background** Currently the well has pressure on the production casing. Propose to find and isolate leak. We will not clean out fill during well service.

### Perforations

Type	Formation	Top	Bottom
Perforations	Grayburg/San Andres	4383	4660
Perforations			
Openhole			
PBD		4755'	Top of fill at 4389
TD		4798'	

### Well Service Procedure:

1. MIRU wireline
  - a. Install and pressure test lubricator to 2000 psi or 1000 psi over the highest observed tubing pressure.
  - b. TIH with gauge ring to 4280'. COOH with gauge ring.
  - c. TIH with profile plug and set in profile nipple @ 4280'.
    - i. Note Profile nipple is 1.875".
2. RU pump truck to tubing and pressure test tubing to 1000 psi.

A. If tubing test passes	B. If tubing test fails
1. RU pump truck to casing and pressure test casing/PKR to 400 psi.. <ol style="list-style-type: none"> <li>a. If test fails, TIH &amp; retrieve profile plug.</li> </ol>	1. RU pump truck to casing, close tubing valve, pressure test casing/PKR/tubing to 500 psi. <ol style="list-style-type: none"> <li>a. If casing/PKR/tubing test passes, leave plug in place.</li> <li>b. If casing/PKR/tubing test fails, retrieve profile plug.</li> </ol>
2. POOH w/ wireline & RD.	2. POOH w/ wireline & RD.
3. Notify Steve Slater of findings.	3. Notify Steve Slater of Findings.

4. RU well service unit. NDWH. NUBOP. Ensure well is killed.

A. If casing/PKR test passed	B. If casing/PKR test failed
1. Verify plug is still in profile.	1. Verify profile plug has been retrieved
2. Get of on-off tool & POOH w/ tubing. <ol style="list-style-type: none"> <li>a. Scan tubing COOH &amp; replace any bad joints.</li> <li>b. Give scan to Steve Slater</li> </ol>	2. POOH w/ PKR & tubing. <ol style="list-style-type: none"> <li>a. Scan tubing COOH, stand back, &amp; replace any bad joints.</li> <li>b. LD PKR.</li> <li>c. Give scan to Steve Slater</li> </ol>
	3. MI and tally workstring.
	4. PU 5.5" 14# scraper and RIH to 4300'. COOH with scraper and tubing. <ol style="list-style-type: none"> <li>a.</li> </ol>
	5. PU RIH with RBP, packer and tubing. Set RBP @ +/- 4281'. Pull up 1 stand, set packer, RU pump truck to

	tubing and test packer/RBP to 500 psi.
	6. RU pump truck to casing and pressure test casing/packer to 400psi. If test passes, TIH retrieve RBP, COOH laying down tubing, packer and RBP. <ol style="list-style-type: none"> <li>If test fails, the well will be prepped to P&amp;A. Contact engineer for scope change procedure.</li> </ol>

5. Proceed to step A or B depending on the wells flowing ability.

### Setting the Injection Packer

**NOTE: Ensure injection PKR has been shop tested to 3000 psi or 1000 psi above MASP.**

A. Well has remained killed during well service	B. Well has been flowing / is hard to keep killed
↓↓	↓↓
1. TIH w/ <ol style="list-style-type: none"> <li>5.5"x2.875" 14# NP Baker Hughes 10K Hornet PKR w/ CO<sub>2</sub> elements</li> <li>On-off tool w/ 1.875" XN profile</li> <li>2.875" 6.5# duoline tubing. Set PKR @ 4288'.</li> </ol>	1. MIRU wireline services <ol style="list-style-type: none"> <li>Pressure test lubricator to 3000 psi or 1000 psi above MASP.</li> </ol>
2. Get off on-off tool & circulate PKR fluid to surface (4280' x .0164 = 70.2 bbls).	2. PU & RIH w/ the following in order from bottom to top. <ol style="list-style-type: none"> <li>2.875" wireline re-entry guide</li> <li>5.5"x2.875" 14# NP Baker Hughes 10K Hornet PKR w/ CO<sub>2</sub> elements</li> <li>2.875" on-off tool w/ 1.875" XN profile</li> </ol>
3. Get back on on-off tool.	3. Use CCL to correlate proposed PKR setting depth & set PKR @ 4288'.
4. NDBOP. NUWH.	4. POOH w/ wireline & bleed off any casing pressure for 20 min to verify isolation. RD wireline
5. RU pump truck and 1000 psi chart recorder. Test casing / PKR to 400 psi for 35 min. <ol style="list-style-type: none"> <li>Notify NMOCD of impending test.</li> <li>Give chart to PE Tech to be put into Wellview.</li> </ol>	5. TIH w/ top section of on-off tool & duoline injection tubing. <ol style="list-style-type: none"> <li>Pressure test tubing GIH</li> <li>Circulate PKR fluid to surface. (4280' x .0164 = 70.2 bbls).</li> <li>Engage on-off tool</li> <li>Pressure test on-off tool to 2000 psi</li> </ol>
6. Notify MSO Chad Wiley to sign off. RDMO. Clean up location.	6. RU wireline. <ol style="list-style-type: none"> <li>Retrieve profile plug in XN nipple</li> <li>RDMO wireline</li> </ol>
7. Place well on injection.	8. NDBOP. NUWH.
	9. RU pump truck to casing & test PKR/casing to 400 psi for 35 min. <ol style="list-style-type: none"> <li>Notify NMOCD of impending test</li> <li>Chart pressure test</li> </ol>
	10. . RDMO. Clean up location.
	11. Place well on injection.



## Schematic - Current

EAST VACUUM GB-SA UNIT 3236-006W

District PERMIAN CONVENTIONAL	Field Name VACUUM	API / UWI 300252667700	County LEA	State/Province NEW MEXICO
Original Spud Date 5/4/1980	Surface Legal Location Sec 32, T-17-S, R-35-E	East/West Distance (ft) 2,500.00	East/West Reference W	North/South Distance (ft) 1,450.00
North/South Reference N				

VERTICAL - MAIN HOLE, 5/20/2015 3:09:13 PM

MD (ftKB)

Vertical schematic (actual)

