

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

WELL API NO. 30-025-20864
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-1527
7. Lease Name or Unit Agreement Name Vacuum Glorieta East Unit tract 17
8. Well Number 02
9. OGRID Number 217817
10. Pool name or Wildcat Vacuum; Glorieta
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3978' GR

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: Oil Well ☐ Gas Well ☒ Other Injection ☐

2. Name of Operator
ConocoPhillips Company

3. Address of Operator
P. O. Box 51810
Midland, TX 79710

4. Well Location
Unit Letter I : 2080 feet from the South line and 660 feet from the East line
Section 31 Township 17S Range 35E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3978' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: isolate and fix csg leak ☒		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 request to isolate and squeeze casing leak per procedures attached.

During this procedure we plan to use the Closed-Loop System and haul content to the required disposal.

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 05/06/2014

Type or print name Rhonda Rogers E-mail address: rogerr@conocophillips.com PHONE: (432)688-9174

For State Use Only

APPROVED BY: Mary Brown TITLE Dist. Supervisor DATE 5/7/2014

Conditions of Approval (if any)

MAY 07 2014

MAY 07 2014

VGEU 17-02W
API#30-025-20864
Squeeze Casing Leak

RECEIVED

May 6, 2014

Objective: Isolate and squeeze casing leak. Return injector back to operational status.**Justification:** The well currently has 1860 psi on the production casing. Pressure is building at a rate of approximately 20 psi/hr after blowing down to zero.**Packer Depth:** 6,006'-6,013'**Existing Perforations**

Vacuum Glorieta: 6,048'-6,076' (28' net)

Pressure/Well Control**ROE:**

MCFPD	H2S: ppm	ROE: feet	
		100 ppm	500 ppm
	35,000	322	147

Based on EVGSAU wells

Well Category: One
BOP Class: Two

Note: Review Well Data Report in WellView for casing information & Well Summary
All treatment and kill fluids to be treated with Biocide – Base fluid inhibited Fresh Water.

Recommended Procedure

NOTE: Blanking plug is installed in stinger of packer assembly. Pressure test on tbg was conducted prior to RU.

1. Notify NMOCD that we are rigging up.
2. MIRU pulling unit. Blow down well. Kill well. *Use of 10# kill fluid is recommended.*
3. NDWH, NUBOP. Test BOP.
4. Unjay on/off tool from injection packer.
5. TOOH and LD with 195 JTS (5,994') 2 3/8" 4.7# J-55 TK-99 IPC tbg, 2 jts marker subs (10'), and on/off tool. Send tbg. into Tuboscope to be inspected, burned out, and recoated w/ TK-99.
6. PU and TIH w/ 2 7/8" J-55 6.5# tbg workstring, packer, and seating nipple.
7. RIH to 5,990' open ended.
8. RU pump truck. Drop standing valve and pressure test tbg to 5000psi surface pressure. Bleed down tbg pressure.
9. Set packer @ 5,990'.
10. RU and RIH w/ sandline. Retrieve standing valve and COOH w/ sandline and standing valve. RD sandline.
11. Pressure test injection packer to 500psi surface pressure.

12. Bleed down tbg pressure and CUH w/ workstring. Set packer @ 5,000' and pressure test to 500psi below and above packer.
13. Isolate casing leak.
14. Bleed down pressure. Release packer and TOOH w/ workstring, packer, and seating nipple.
15. PU RBP and TIH w/ RBP, packer, seating nipple, and workstring.
16. Set RBP 30' below casing leak. Release RBP and CUH 10'. Drop standing valve and pressure test tbg to 5000psi surface pressure. Bleed down tbg pressure.
17. Set packer 10' above RBP.
18. RU and RIH w/ sandline. Retrieve standing valve and COOH w/ sandline and standing valve. RD sandline.
19. Pressure test RBP to 5000psi surface pressure. Bleed down pressure.
20. CUH 100' above casing leak. Set packer. Pressure up squeeze interval and establish injection rate through workstring. *Report injection rate in WellView.*
21. TOOH w/ workstring, packer, and seating nipple. LD packer and seating nipple.
22. Spot 4 sxs sand on top of RBP down casing.
23. PU cement retainer and TIH w/ cement retainer and workstring. **Hydrotest Tbg in to 5000psi .**
24. Set cement retainer 165' above casing leak to allow for 4 bbl over-flush. Pressure up annulus to 500psi surface pressure and ensure pressure holds for 30 min. Bleed down pressure from annulus.
25. RD pump truck. RU Cementing Service Company.
26. Squeeze casing leak using hesitation squeeze. Pump 350 SXS class C cement @ 2-4 bbl/min if well allows. Pump squeeze interval volume + 30 SXS and allow 10 min set time. Continue with 30 SXS per pump interval. Go to flush @ 3,500psi surface pressure.
27. Release workstring from cement retainer and circulate well clean above cement retainer.
28. SI well. WOC 24hrs for to cure. **Monitor casing pressure during cure interval.**
29. TOOH w/ workstring.
30. RU pump truck and swivel. PU drill bit and drill collars.
31. TIH with drill bit and workstring. Drill out cement retainer. **Tag TOC**
32. Drill out cement and ease off bit when sand is tagged and circulated.
33. TOOH w/ workstring, collars, and drill bit.
34. RD Swivel and LD drill bit and collars.
35. PU retrieval head, packer, seating nipple. TIH w/ retrieval head, packer, seating nipple, and workstring to 170' above squeeze interval.

36. Drop standing valve and pressure test tbg to 5000psi surface pressure. Bleed down pressure.
37. Set packer 170' above casing leak.
38. RU and RIH w/ sandline. Retrieve standing valve and COOH w/ sandline and standing valve. RD sandline.
39. Pressure test squeeze interval to 500psi surface pressure for 30min and chart test. Bleed down tbg. **Monitor any pressure buildup for 30min**
40. RD and release Cementing Service Company.
41. Release packer. RIH to top of sand and circulate well clean up tbg.
42. Latch on and release RBP.
43. TOO H w/ workstring, packer, and RBP. LD packer and RBP.
44. PU on/off tool and new 2 3/8" TK99-IPC (4.7# J-55) tbg. TIH w/ tbg and on/off tool.
45. RIH to 6,000' and circulate top of injection packer clean.
46. Load annulus with packer fluid.
47. Jay down on/off tool to injection packer.
48. Pressure test tbg to 3,000psi surface pressure. Bleed down tbg pressure.
49. Contact NMOCD prior to pressure testing annulus. Load annulus to 500psi and hold for 35min. **Chart on 1000psi graph.** Bleed down annulus.
50. RU lubricator and wireline.
51. TIH w/ wireline and retrieve blanking plug set in stinger.
52. TOO H w/ wireline and blanking plug.
53. RD lubricator and wireline. Release wireline services.
54. NDBOP. NUWH.
55. Return well to injection status.
56. Have MSO Monitor casing pressure daily for one week and report.