

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

Form C-103  
Revised August 1, 2011

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.)		WELL API NO. 30-025-26685
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injection		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. B-2273-2
3. Address of Operator P. O. Box 51810 Midland, TX 79710		7. Lease Name or Unit Agreement Name East Vacuum GBSA Unit Tract 3456
4. Well Location Unit Letter F : 1400 feet from the North line and 2500 feet from the West line Section 34 Township 17S Range 35E NMPM County Lea		8. Well Number 009
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3919' GR		9. OGRID Number 217817
		10. Pool name or Wildcat Vacuum; Grayburg-San Andres

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 ☐

OTHER: MIT failed ☒

SUBSEQUENT REPORT OF:

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

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 isolate leaking Surface Casing leak, while performing an MIT on the Production Casing it was observed that water flowed for the Surface Casing Valve.

Attached is the procedure.

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

TITLE Staff Regulatory Technician

DATE 03/21/2013

Type or print name Rhonda Rogers

E-mail address: rogerr@conocophillips.com

PHONE: (432)688-9174

For State Use Only

APPROVED BY

TITLE DIST. MGR

DATE 4-1-2013

CONDITION OF APPROVAL: Notify OCD Hobbs  
Office 24 hours prior to running MIT Test & Chart.

APR 02 2013

## **EVGSAU 3456-009W**

**API Number:** 300252668500

**Wag Injection Support Well**

**March 18, 2013**

**Objective:** To isolate leaking Surface Casing leak, while performing an MIT on the Production Casing it was observed that water flowed for the Surface Casing Valve. Conditions prior to the test, tubing pressure 1300 psi, production casing 0, surface casing 0.

**Justification:** Currently the well is a support well in the production unit.

**Spud Date:** 4/22/1980

**Existing Perforations:** Top perf 4446'. Bottom perf 4590 = 144' ft of perfs.

**Casing:** Surface 8 5/8" K-55 24# set @ 360' cement circulated to surface

Production 5.5" K-55 14# set @ 4791' with top of cement @ 12.0'

**Packer:** Currently set @ 4396' putting it 50ft above the top perf.

**Review H2S Radius Exposure based on Abo measured concentrations of 15,000PPM.**

### **Contacts**

### **Recommended Procedure**

Currently the well has failed its MIT test. It was observed prior to the test that the tubing pressure was 1300 psi, production casing was 0 and surface casing was 0. Once the MIT test started fluid was observed coming from the surface valve.

1. Notify the NMOCD of intent to RU on well. MI rig, review JSA, RU WSU, NDWH, NUBOP, TOOH with tubing, on/off tool and packer, lay tubing & packer down COOH.
2. MO injection tubing, send to Precision Coating to be inspected and relined as needed and returned to the Buckeye CTB yard. Notify production specialist once tubing leaves location.
3. MI work string and tally. TIH with bit, scrapper and tubing to 4753', if fill is found, contact production specialist on findings. TOOH with tubing, scrapper and bit.
4. TIH with RBP, packer and tubing. Set RBP @ +/- 4000'. Pull up 1jt and set packer. RU pump truck to tubing and pressure test packer/RBP to 550 psi. If test passed, RU pump truck to casing and pressure test casing/packer to 550 psi. Notify Engineer Simon Choi of the result of the test.
5. If the test failed, come up hole and isolate the leak and establish an injection rate. Notify Simon Choi for possible change in job scope. Note: **Less than 3-10' then fix the surface leak only, if leak is deeper then that then set plugs and isolate pressure and run a liner.**
6. If it is deemed to run a liner, TIH with retrieving tool and retrieve RBP. TOOH with tubing and RBP. TIH with composite plug, packer and tubing and set composite plug @ +/- 4200', after setting plug, COOH 1jt, set packer and test plug. If plug holds, COOH with tubing and packer. NDBOP, NUWH, RD, clean up location.
7. If the procedure is to isolate the leak by squeezing, the cement procedure is to be updated by the production engineer, based on finding. A cement company will need to be booked to prevent delays.
8. After repairs, rig up chart recorder with 1000 psi chart and pressure test casing repair to 550 psi for 35 mins. Notify the NMOCD of impending test. Give chart to production specialist.
9. TIH and retrieve RBP. TIH with bit and tubing to TPBD if perfs are covered, clean out to TPBD. TOOH laying down work string and bit. MO work string. MI injection tubing Duoline from Precision Coating and tally. TIH with tubing equipment as to Wellview Tubing Design, pressure test GIH. Have Duoline Tech on location when running the Duoline in the hole.
10. RU pump truck to casing and pressure test casing/packer to 550 psi for 35mins. If test passes get off on/off tool, circulate packer fluid, and get back on on/off tool, NDBOP, NUWH. RU chart recorder with 1000 psi chart and pressure test casing/packer to 550 psi for 35 mins. Notify the NMOCD of the impending test. Give chart to production specialist. Pump out pump out plug; notify MSO to sign off on well. RD, clean up location.

**CONOCOPHILLIPS  
WELLBORE DIAGRAM  
EVGSAU #3456-W009**

RKB @ 3947'  
GL @ 3919'

12-1/4" Hole  
8-5/8", 24# K-55 ST&C  
Set @ 354'  
Cmt w/ 400 sx cmt.  
TOC @ Surface  
(Circ. 50 sxs.)

Date: May 4, 2004  
Lease and Well No.: EVGSAU #3456-W009  
Location: 1400' FNL & 2500' FWL  
Sec. 34, T17S-R35E  
County/State: Lea County, New Mexico  
Field: Vacuum  
Producing Formations: San Andres  
Spud Date: 04/22/1980  
Completion Date: 06/27/1980  
API Number: 30-025-26685  
Status: Active WAG Injector

CASING DETAIL									
Size	Depth	Wt.	Grade	Conn.	Drift ID	Burst (psi)	Collapse (psi)	Tension	Rated

STIMULATION HISTORY								
Date	Interval	Type	Gals	Diver	MaxP	Avg P	ISIP	Down

WELL HISTORY	
Date	Event
02/27/81	Well converted to injection

7-7/8" Hole  
5-1/2" 14# K-55 ST&C  
Set @ 4791'  
Cmt w/ 1340 sxs  
TOC @ Surface  
(Circulated 224 sxs)

2-7/8" Duoline injection tubing -- 137 jts.

4367' -- 5-1/2" G-IV Injection Packer & stainless steel on-off tool w/ 1.875" profile -- Set on 5/31/03

**SAN ANDRES PERFORATIONS**

4446'- 4456' - 1 SPF / 10 Holes  
4473'- 4477' - 1 SPF / 4 Holes  
4500'- 4518' - 1 SPF / 18 Holes  
4532'- 4540' - 1 SPF / 8 Holes  
4543'- 4553' - 1 SPF / 10 Holes  
4562'- 4566' - 1 SPF / 4 Holes  
4574'- 4590' - 1 SPF / 16 Holes

**TOTAL: 70 Holes**

PBTD: 4753'  
T.D.: 4800'