

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

HOBBBS OGD
MAR 09 2018
RECEIVED
State of New Mexico
Energy, Minerals and Natural Resources
OIL CONSERVATION DIVISION
1220 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. 30-025-02973
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		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-1576-3
3. Address of Operator P. O. Box 51810 Midland, TX 79710		7. Lease Name or Unit Agreement Name EAST VACUUM GB-SA UNIT
4. Well Location Unit Letter M : 660 feet from the SOUTH line and 660 feet from the WEST line Section 32 Township 17S Range 35E NMPM County LEA		8. Well Number 002H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4000' RKB		9. OGRID Number 217817
		10. Pool name or Wildcat VACUUM; GB-SA

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: REMOVE WHIPSTOCK & LOWER PUMP INTO VERT ☒

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 REMOVE WHIPSTOCK & LOWER PUMP INTO VERTICAL PER ATTACHED PROCEDURES
ATTACHED IS A CURRENT WELLBORE SCHEMATIC.

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 03/06/2018

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

AO/II

DATE

3/19/2018

Conditions of Approval (if any):

EVGSAU 3229-002H
API #30-025-02973
REMOVE WHIPSTOCK & LOWER PUMP IN VERTICAL

Project Scope

Justification and Background: Remove whipstock & lower pump in vertical

This project will remove the Whipstock and lower the pump to produce the well in the perms. This well was sidetracked in 2002. Then in 2006 the sidetrack was cleaned out and acidized. This well currently has no fluid level about pump and its suspect that fill could be preventing inflow. Therefore, the sidetrack will be cleaned out and acidized prior to removing the Whipstock. Also, the perms below the Whipstock will be cleaned out and acidized.

Perforations

Type	Formation	Top	Bottom
Perforations	Grayburg / San Andres	4,352'	4,675'
Whipstock		3,895'	
PBTD		4,943'	
TD		5,075'	

Well Service Procedure:

- 1) MIRU pulling unit. Kill well.
- 2) TOO H w/ rods & plunger.
 - a. Visually inspect rods and boxes for heavy pitting and wear, change out as needed.
 - b. Note any heavy wear areas and depth. Notify PE on findings.
 - c. If heavy paraffin is present, take sample and notify Nalco/Champion.
 - d. Send plunger to Don-Nan for inspection, repair, and place in inventory. Will not rerun Tbg pump.
- 3) NDWH, NUBOP. Test BOP.
- 4) RU Tbg scanners. Release TAC. TOO H scanning Tbg and stand back blue/yellow band Jts.
 - a. Place replacement joints on bottom
- 5) MI lay down machine. PU & TIH w/ bit & 2 7/8" L-80 work string to cleanout sidetrack to TD @ 5,521'.
 - a. Report tag depth in WV & contact PE.
- 6) TOO H w/ bit & LD.
- 7) PU & TIH w/ Schlumberger Whipstock Fishing Tools.
 - a. Retrieve Whipstock
- 8) TOO H w/ Whipstock & LD.
- 9) PU & TIH w/ bit to drill out CIBP @ 3,926'.
 - a. PU drill collars for extra weight if needed.
- 10) MI lay down machine. TOO H & LD 2 7/8" work string & bit.
- 11) RU hydro test services. PU & RIH w/ bit & production Tbg to TD @ 4,632' while hydro testing to 5,000 psi below slips.
RD hydro test services.
 - a. PU ~23 Jts of 2 3/8" J-55 Tbg
 - b. PU ~124 Jts of 2 7/8" J-55 Tbg
- 12) PU & spot 5 bbls of 15% NEFE HCL acid @ 4,632'. TOO H w/ bit & LD.

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a. Top of acid column @ ~4,206'

13) PU & TIH w/ packer. Set packer @ 4,250'.

14) RU Acid Stimulation Services. Set pump trips @ 5,000 psi. Test surface lines @ 5,500 psi. Pump 9,000 gal (217 bbls, bbl/perf) of 15% NEFE HCL Acid to perforations and drop 12,000 lbs of rock salt (anticipated treating pressure: ~3,000 psi @ 4-5 BPM). Flush with ~25 bbls of fresh water. Monitor backside during treatment (don't exceed 500 psi). Record ISIP, SITP (5 min), SITP (10 min), SITP (15 min).

Open Perforations	Feet	Shots
4352' – 4497'	145'	145
4522' – 4526'	4'	8
4553' – 4557'	4'	8
4563' – 4567'	4'	8
4574' – 4578'	4'	8
4591' – 4601'	10'	40
Total	171'	217

Acid Stimulation

- a) Pump, establish and record injection rate and pressure w/ field brine water
- b) Pump 1500 gallons (~35 bbls) of acid
- c) Pump ~24 bbls (1,000 gal.) of field brine water containing up to a .5#/gal concentration of rock salt (500 lbs) as diverting agent (concentration bases on injection rate / pressure response of existing perforations)
- d) Pump 1500 gallons (~35 bbls) of acid
- e) If pressure increase is marginal on .5#/gal then proceed with 1#/gal.
- f) Pump ~24 bbls (1000 gal.) of field brine water containing up to a 1#/gal concentration of rock salt (1,000 lbs) as diverting agent (concentration bases on injection rate / pressure response of existing perforations).
- g) Pump 1500 gallons (~35 bbls) of acid
- h) Repeat step f & g until acid is put away (~3 more salt stages, ~3 more acid stages @ 1,500 gallons)
- i) Displace acid treatment w/ ~25 bbls of fresh water

Note 1: Pressure may not allow for all the rock salt to be pumped.

Note 2: If interval screens off, release pressure, back flush to open top frac tank, then return to acid stimulation.

TREATING LINE TEST PRESSURE: A minimum 500 psig over MAWP. <i>Acceptable test will be no more than 300 psi leak off in 5 minutes, with no more than 1% leak off in last minute, AND NO VISIBLE LEAKS.</i>	5,500	PSIG
MAXIMUM ALLOWABLE WORKING PRESSURE: Based on weakest component in system (Hydro-tested Tbg to 5,000 psi)	5,000	PSIG
ANTICIPATED TREATING PRESSURE:	3,000	PSIG

15) RD Acid Stimulation Services. Check pressures and bleed pressure down.

16) Release packer. TOO H & LD treating packer.

17) TIH w/ SN, TAC, & production Tbg.

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- a. **See attached Proposed Rods & Tubing Schematic**

18) NDBOP. NUWH.

19) PU& RIH w/ new 1.5" pump and rods.

- a. PU 20 – 7/8" KD90 Norris inspected rods from inventory or buy new
- b. PU 10 – 1.5" Flexbar C sinker bars
- c. PU 2–150 RHBC 16–4 pump from inventory or buy new
- d. **See attached Wellview schematic**

20) Space out pump and hang well on.

21) Contact Nalco Champion to pump CI within 24 hours of rigging down.

22) RDMO PU. Clean location.

23) Notify MSO to sign off on well and return well to production.



CURRENT SCHEMATIC

EAST VACUUM GB-SA UNIT 3229-002H

District PERMIAN CONVENTIONAL	Field Name VACUUM	API / UWI 300250297300	County LEA	State/Province NEW MEXICO
Original Spud Date 7/17/1938	Surface Legal Location Sec. 32, T-17S, R-35E	E/W Dist (ft) 660.00	E/W Ref W	N/S Dist (ft) 660.00
			N/S Ref S	

HORIZONTAL - MAIN HOLE, 3/5/2018 2:23:52 PM

