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 District I - (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
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 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV - (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OGD Minerals and Natural Resources
APR 15 2019 CONSERVATION DIVISION
RECEIVED 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised July 18, 2013

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. 30-025-42711
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.
3. Address of Operator P. O. Box 51810, Midland TX 79710		7. Lease Name or Unit Agreement Name East Vacuum GB-SA Unit Tract 3202
4. Well Location Unit Letter <u>H</u> : <u>1587</u> feet from the <u>North</u> line and <u>186</u> feet from the <u>East</u> line Section <u>32</u> Township <u>17S</u> Range <u>35E</u> NMPM County <u>Lea</u>		8. Well Number <u>512</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		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 <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <u>Change from Inj to Prod well and add perfs</u> <input checked="" type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input 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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

ConocoPhillips Company would like change type of well from inj to producing well. We will add the perfs per attached procedures.
 Attached is a Current/Proposed well 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 Regulatory Technicain DATE 4/10/2019

Type or print name Rhonda Rogers E-mail address: rogerrs@conocophillips.com PHONE: 432-688-9174
For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 04/19/19
 Conditions of Approval (if any):

Proposed Rod and Tubing Configuration EAST VACUUM GBSA UNIT 3202-W512

VERTICAL - Original Hole, 3/20/2019 5:16:08 PM		Tubing Description Tubing - Production					Set Depth (ftKB)		
MD (ftKB)	Vertical schematic (proposed)	Jts	Item Des	OD Nominal (in)	Nominal ID (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
-4.9			Tubing	2.875	2.441	6.40	C-75	4,268.00	4,269.2
-4.6			Tubing Marker Sub	2.875	2.441	6.50	J-55	3.00	4,272.2
0.0			Tubing	2.875	2.441	6.40	C-75	60.00	4,332.2
1.3			Anchor 5 1/2 X 2 7/8	4.995	2.441			2.70	4,334.9
14.1			Tubing	2.875	2.441	6.40	C-90	188.00	4,522.9
14.4			Blast Joint	2.875	2.441			31.00	4,553.9
16.1			Pump Seating Nipple	2.875	2.250			1.10	4,555.0
16.4			Tubing Sub	2.875	2.441	6.50	J-55	4.00	4,559.0
17.1			Cavins Desander (D2707-G)	2.875	2.441	30.00	CAV	20.00	4,579.0
19.7			Fiberglass Tailpipe	2.875	2.441	1.00	FG	40.00	4,619.0
20.0			Purge Valve	2.875				1.00	4,620.0
41.3									
84.1									
1,271.3									
1,280.2									
1,286.6									
1,300.0									
1,301.6									
1,341.7									
1,343.3									
1,344.9									
1,917.0									
4,142.1									
4,167.0									
4,169.0									
4,219.2									
4,221.1									
4,269.4									
4,271.0									
4,272.3									
4,273.0									
4,323.2									
4,325.1									
4,332.3									
4,339.0									
4,371.1									
4,376.0									
4,377.0									
4,394.0									
4,405.6									
4,426.8									
4,429.1									
4,443.9									
4,470.1									
4,478.0									
4,481.0									
4,507.9									
4,518.0									
4,523.0									
4,525.9									
4,528.2									
4,530.6									
4,535.1									
4,538.7									
4,553.6									
4,553.8									
4,555.1									
4,558.1									
4,559.1									
4,579.1									
4,519.1									
4,620.1									
4,624.1									
4,639.6									
4,640.9									
4,672.0									
4,681.9									
4,683.6									
4,925.9									

Rod Description Rod					Set Depth (ftKB)	
Jts	Item Des	OD (in)	API Grade	Len (ft)	Btm (ftKB)	
1	Polished Rod	1 1/2		22.00	17.0	
75	Sucker Rod	7/8	D Spec KD	1,900.00	1,917.0	
90	Sucker Rod	3/4	D Spec KD	2,225.00	4,142.0	
1	Sinker Bar	1 1/2	C	25.00	4,167.0	
1	Rod Guide	3/4		2.00	4,169.0	
2	Sinker Bar	1 1/2	C	50.00	4,219.0	
1	Rod Guide	3/4		2.00	4,221.0	
2	Sinker Bar	1 1/2	C	50.00	4,271.0	
1	Rod Guide	3/4		2.00	4,273.0	
2	Sinker Bar	1 1/2	C	50.00	4,323.0	
1	Rod Guide	3/4		2.00	4,325.0	
2	Sinker Bar	1 1/2	C	50.00	4,375.0	
1	Rod Guide	3/4		2.00	4,377.0	
2	Sinker Bar	1 1/2	C	50.00	4,427.0	
1	Rod Guide	3/4		2.00	4,429.0	
2	Sinker Bar	1 1/2	C	50.00	4,479.0	
1	Rod Guide	3/4		2.00	4,481.0	
2	Sinker Bar	1 1/2	C	50.00	4,531.0	
1	Guided Pump Handling Sub	3/4		4.00	4,535.0	
1	Rod Insert Pump	1 1/2		20.00	4,555.0	
1	Gas Anchor/Dip Tube	1 1/4		1.00	4,556.0	

EVGSAU 3202-512
Convert to Producer and Perf
API #30-025-42711

Project Scope

Background and Justification:

EVGSAU 3202-512 Was originally set up as an injection well. Due to a large fracture in injection zone were unable to properly cement wellbore and injection is no longer an option. Will convert to a production well with main pay perms in the San Andres. We will have to install a beam pump on location and related electrical infrastructure.

Downhole Configuration

Type	Top	Bottom
Perforations		None
TD		4,926'

Well Service Procedure:

1. Prior to rig up, install pumping unit and change wellhead from injector to producer
2. MIRU WSU.
3. NDWH, NUBOP and test.
4. RU pump truck and pressure up to 3500 psi at surface to test wellbore. Report results to production engineer (Alejandro Perozo 346-287-9296). RD pump truck
5. MIRU wireline services. NU 5000 psi lubricator.
 - Note: lubricator shop tested to 3,000 psi is acceptable.
 - Note: Correlate w/gamma ray from Schlumberger Spectral GR-CCL log dated 2/12/18.
6. Load wellbore prior to running in hole with guns.
7. PU & RIH w/guns to perforate using 4" Titan Slick Gun w/super deep penetrating charges [ch-40g, eh-0.52", pen - 52.13 (or equivalent)] dressed for 2SPF w/120° phasing. Conduct any repeat gun runs as necessary to perforate as follows:
 - Perforate from 4,508'-4,518' (10' net, 2 SPF, 120 degree phasing)
 - Perforate from 4,446'-4,470' (24' net, 2 SPF, 120 degree phasing)
 - Perforate from 4,394'-4,406' (12' net, 2 SPF, 120 degree phasing)
 - Perforate from 4,371'-4,377' (6' net, 2 SPF, 120 degree phasing)
8. Pull fired guns into lubricator, bleed lubricator, & remove spent guns. Verify all shots fired. Record in WellView.
9. ND/LD lubricator and guns
10. MI ~4400' of 2-7/8" tubing joints. PU packer and RIH, hydrotesting to 5000 psi.
11. RU acid services.
12. Spot acid across perms (1.5 bbls/60 gals), set packer @ +/-4320' and establish rate.

EVGSAU 3202-512
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13. Prepare to pump job. Utilize remote ball launcher. Record treating pressure, rate, diverter action if any, ISIP & pressures at 5 min, 10 min, and 15 min.
14. Pump job as follows: break down perfs with 15% NEFE HCL and drop 1.1 SG, 7/8" biodegradable ball sealers for diversion (adjust diameter as necessary based on perf guns procured). Minimum of 5040 gals (120 bbls) of acid will be required as well as a frac tank with 45 bbl (1890 gals) of biocide treated fresh water.
Target rate for the stage is 12 bbls/min.

Step	3202-512	
1	Acid	Pump 24 bbls (1008 gals) 15% NEFE HCL
2	Acid + Ball sealers	Pump 24 bbls (1008 gals) 15% NEFE HCL, dropping 75 balls
3	Acid	Pump 24 bbls (1008 gals) 15% NEFE HCL
4	Acid + Ball sealers	Pump 24 bbls (1008 gals) 15% NEFE HCL, dropping 75 balls
5	Acid	Pump 24 bbls (1008 gals) 15% NEFE HCL
6	Flush	Pump 45 bbls (1890 gals) of treated fresh water as flush

Note: If ball out occurs, SD & surge perfs 3 times.

TREATING LINE TEST PRESSURE: A minimum 500 psig over MAWP. 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.	6,550	PSIG
MAXIMUM ALLOWABLE WORKING PRESSURE: Based on weakest component in system	6,050	PSIG
MAX SURFACE PRESSURE:	5,085	PSIG

15. RDMO acid services.
16. Let well sit overnight
17. POOH w/tbg and lay down packer.
18. RIH with 2-7/8 tubing per well view design. Seat nipple @+/-4,555', and EOT (purge valve) @+/-4620'
19. RIH with rods and 25-150-RHBC-20-4-0-0 pump with 1 1/4" x 1' strainer nipple. Seat pump, space, and hang rods.
 - Space pump ~4" from bottom
20. Pressure test tubing to 500 psi.
21. RDMO, clean location, release all ancillary rental equipment.