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

HOBBS OCD
APR 15 2019
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 July 18, 2013

WELL API NO. 30-025-42119	
5. Indicate Type of Lease STATE [X] FEE [ ]	
6. State Oil & Gas Lease No. B-1839-1	

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 [X] Gas Well [ ] Other	7. Lease Name or Unit Agreement Name: East Vacuum GB-SA Unit Tract 2739
	8. Well Number 526
2. Name of Operator: ConocoPhillips Company	9. OGRID Number 217817
3. Address of Operator: P. O. Box 51810, Midland TX 79710	10. Pool name or Wildcat: Vacuum; GB-SA

4. Well Location
Unit Letter K : 1736 feet from the South line and 1452 feet from the West line
Section 27 Township 17S Range 35E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3936' GL

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 [ ]			
CLOSED-LOOP SYSTEM [ ]			
OTHER: Add plug & Pay to SA [X]		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 set plug above existing perfs and add perfs to the upper San Andres per attached procedure.
Attached is a current/proposed 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 Regulatory Tech DATE 4/9/2019

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

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 4-22-19
Conditions of Approval (if any):

EVGSAU 2739-526
Plug Set Pay Add
API #30-025-42119

Project Scope

Background and Justification:
EVGSAU 2739-526 is a new drill well planned for recompletion higher up in the TZROZ and San Andres main pay. A plug will be set above existing perforations and 8 new perf intervals will be added.
10/2017 Initial completion and ESP installation

Downhole Configuration

Type	Top	Bottom
Perforations	4700'	4,910'
PBTD (float collar)	5,112'	
TD	5,155'	

Well Service Procedure:

Before rigging up conduct safety meeting & review JSA

1. NDWH, NUBOP and test.
2. RU cable & CT spoolers. TOOH & stand back 142 jts tubing and LD Schlumberger ESP assembly. RD spoolers.
   - Send ESP to Schlumberger for testing/prep for rerun. Send cable in for testing and any necessary repairs.
   - If tubing/pump comes out with paraffin/asphaltenes/scale, contact NalcoChampion to take a sample.
3. MI & PU additional ~5 tubing joints for bit & scraper run.
4. PU & RIH with bit and scraper sized for 7", 23# casing. Clean out down to ~4,710' (just below proposed CIBP set depth).
5. RU tubing scanner. POOH scanning tubing and stand back yellow joints. LD bit & scraper.
6. MIRU wireline services. NU 5000 psi lubricator.
   - Note: lubricator shop tested to 2,000 psi is acceptable.
   - Note: Correlate w/gamma ray from Schlumberger Spectral GR-CCL log dated 8/10/2017.
7. PU & RIH with CIBP for 7", 23# casing and set at ~4,695'.
8. CUH one stand and pressure test CIBP to 3000 psi. COOH
9. Load wellbore prior to running in hole with guns.
10. 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 4,660'-4,694' (34' net, 2 SPF, 120 degree phasing)
    - Perforate from 4,601'-4,617' (16' net, 2 SPF, 120 degree phasing)
11. Pull fired guns into lubricator, bleed lubricator, & remove spent guns. Verify all shots fired.

12. PU 2-7/8" tubing and packer and RIH. Hydrotest to 5000 psi.
13. RU acid services.
14. Spot acid across perfs (3 bbls/126 gals), set packer @ +/- 4550' and establish rate.
15. Prep to pump stage 1. Utilize remote ball launcher. Record treating pressure, rate, diverter action if any, ISIP & pressures at 5 min, 10 min, and 15 min.
16. 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 7,500 gals of acid (~180 bbls) will be required for both stages, as well as a frac tank with 85 bbls (3570 of biocide treated fresh water). **Target rate for the stage is 12 bbls/min.**

Step	2739-526 Stage #1	
1	Acid	Pump ~19 bbls (780 gals) 15% NEFE HCL
2	Acid + Ball sealers	Pump ~19 bbls (780 gals) 15% NEFE HCL, dropping 75 balls
3	Acid	Pump ~19 bbls (780 gals) 15% NEFE HCL
4	Acid + Ball sealers	Pump ~19 bbls (780 gals) 15% NEFE HCL, dropping 75 balls
5	Acid	Pump ~19 bbls (780 gals) 15% NEFE HCL
6	Flush	Pump 40 bbls (1680 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**

17. POOH w/tbg
18. RIH with RBP on wireline and set RBP at ~4,590'. COOH.
19. Pressure test RBP to 3000 psi
20. Load wellbore prior to running in hole with perforating guns; confirm that well is loaded and RBP is holding.
21. PU & RIH w/guns to perforate second stage 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 4,562'-4,566' (4' net, 2 SPF, 120 degree phasing)
    - Perforate from 4,519'-4,539' (20' net, 2 SPF, 120 degree phasing)

- Perforate from 4,497-4,505' (8' net, 2 SPF, 120 degree phasing)
- Perforate from 4,472'-4,478' (6' net, 2 SPF, 120 degree phasing)
- Perforate from 4,455'-4,460' (5' net, 2 SPF, 120 degree phasing)
- Perforate from 4,402'-4,407' (5' net, 2 SPF, 120 degree phasing)

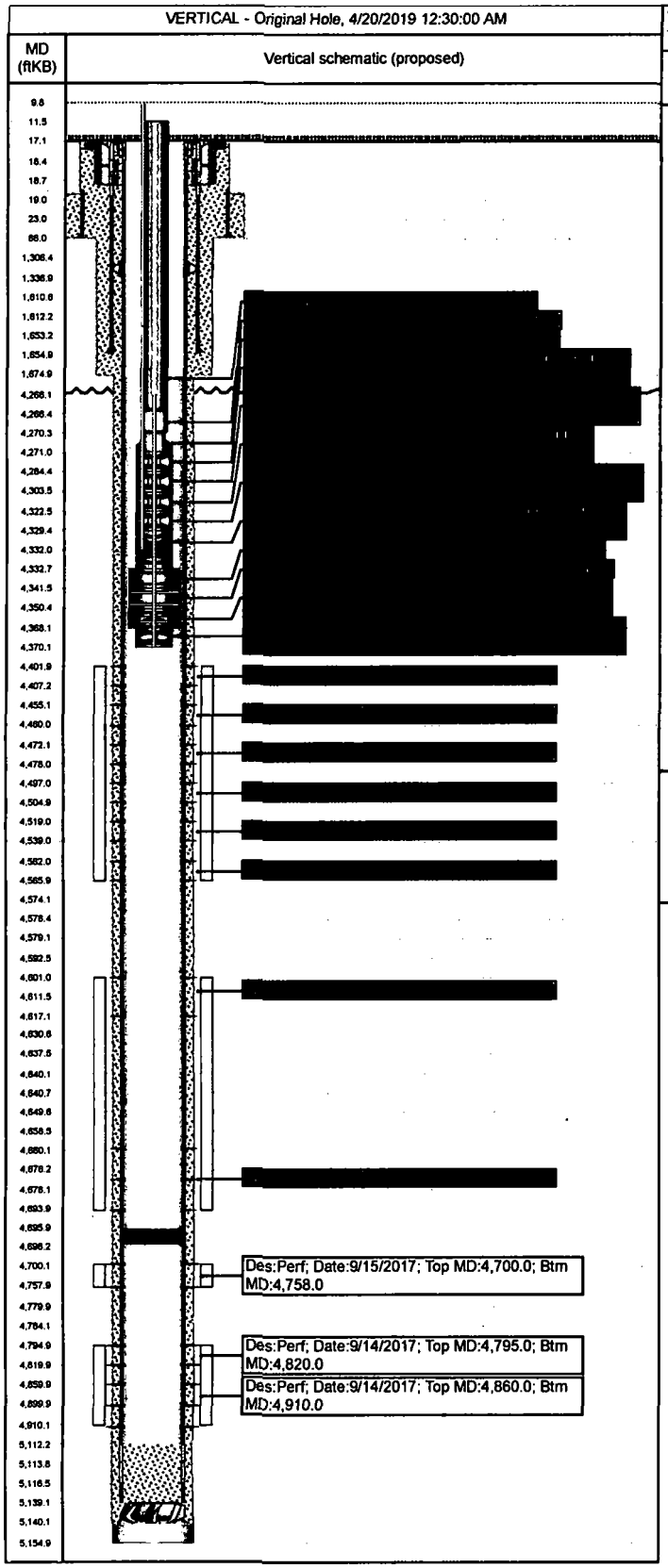
22. Pull fired guns into lubricator, bleed lubricator, & remove spent guns. Verify all shots fired. Record in WellView. ND/LD lubricator and guns. RDMO wireline service provider.
23. RIH w/tbg string including retrieving head. Spot acid across perfs (3 bbls/126 gals), set packer @ +/- 4350' and establish rate.
24. Prep acid services to pump stage 2. Once again, utilize remote ball launcher. Record treating pressure, rate, diverter action, ISIP & pressures at 5 min, 10 min, and 15min.

Step	2739-526 Stage #2	
1	Acid	Pump ~17 bbls (720 gals) 15% NEFE HCL
2	Acid + Ball sealers	Pump ~17 bbls (720 gals) 15% NEFE HCL, dropping 75 balls
3	Acid	Pump ~17 bbls (720 gals) 15% NEFE HCL
4	Acid + Ball sealers	Pump ~17 bbls (720 gals) 15% NEFE HCL, dropping 75 balls
5	Acid	Pump ~17 bbls (720 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.

25. RDMO acid services
26. Let well sit overnight
27. Unset packer, and circulate to remove any balls that have not degraded
28. Retrieve RBP at ~4,590' and POOH
29. RU cable and CT spoolers. PU & RIH w/ Schlumberger D3500N/MGH ESP assembly, cables, and tubing.
    - ESP will be installed with a pressure discharge line running from the sensor to above the top pump.
    - The CT line should be terminated at or below the sensor.
    - Run any replacement tubing joints on bottom of string.
    - Position bottom of the ESP assembly @ ~4,370'.
30. Have SLB tech measure cable to length, splice, and install lower pigtail into hanger.
31. Land tubing in hanger. NDBOP, NUWH, connect upper pigtail.
32. Startup ESP @ 45 hz unless otherwise instructed. Adjust pump speed per downhole conditions. Ensure well pumps up before RD.
33. Notify MSO to sign off.
34. RDMO, clean location, release all ancillary rental equipment.

Proposed Tubing Configuration
EAST VACUUM GBSA UNIT 2739-526
3002542119

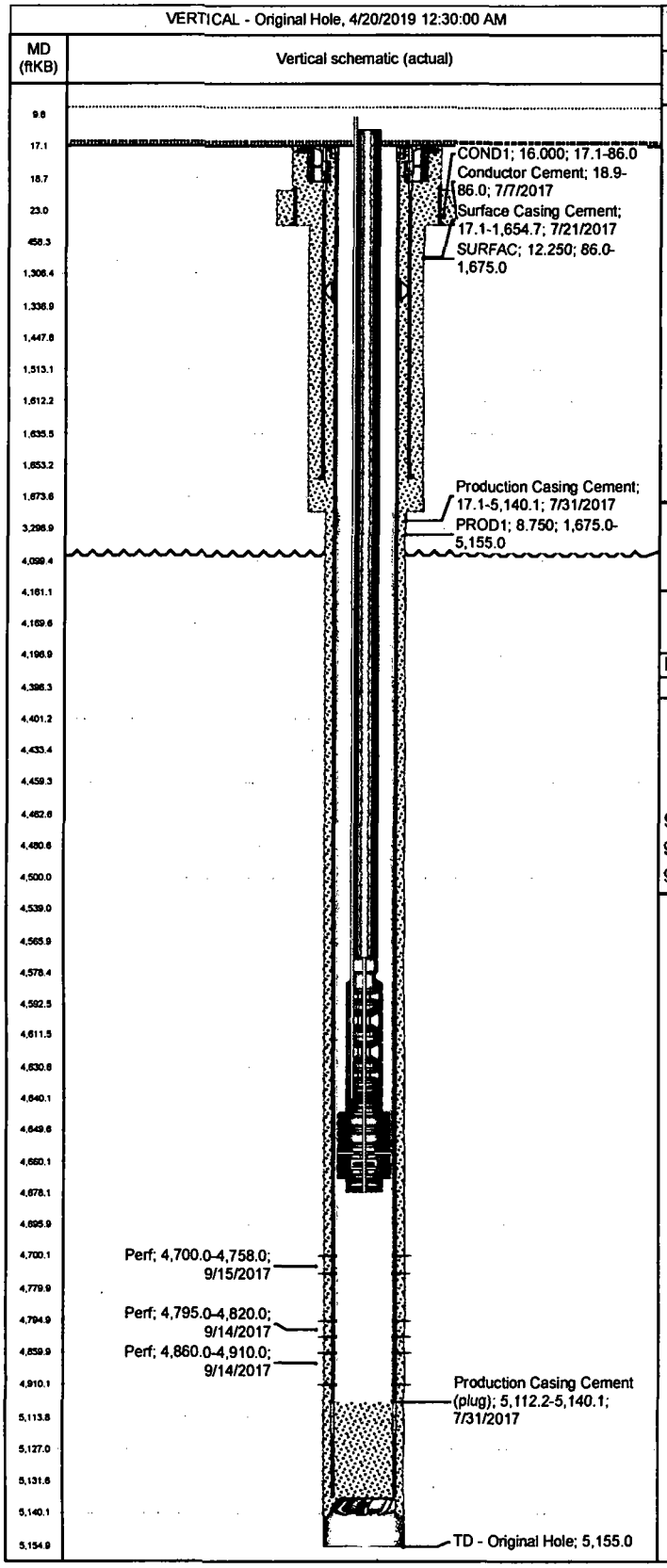


Tubing Description: Tubing - Production

Set Depth (ftKB): 4,370.0

Jts	Item Des	OD Nominal (in)	Nominal ID (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
131	Tubing	2.875	2.441	6.50	J-55	4,254.80	4,266.3
1	Tubing Sub	2.875	2.441	6.50	J-55	4.00	4,270.3
1	Bolt On Discharge	4.000				0.80	4,271.1
1	ESP-Pump D3500N 54 stg (ES, HS MON)	4.000				13.40	4,284.5
1	ESP-Pump D3500N 77 stg (ARZ, HS MON)	4.000				19.00	4,303.5
1	ESP-Pump D3500N 78 stg (ES, INC)	4.000				19.00	4,322.5
1	ESP-Pump MGH (Poseidon) D8-42	4.000				6.90	4,329.4
1	Gas Sep / Intake - VGSA D20-60	4.000				3.30	4,332.7
1	Protector / Seal - LSBPB	5.400				8.90	4,341.6
1	Protector / Seal - LSBPB	5.400				8.90	4,350.5
1	Motor - Maximus F071 262.5HP/61.1A/2601V	5.620				17.60	4,368.1
1	Sensor - Type 1 (Discharge psi)	4.000				1.90	4,370.0

Current Tubing Configuration
EAST VACUUM GBSA UNIT 2739-526
3002542119



Tubing Description
Tubing - Production

Set Depth (ftKB)
4,678.0

Jts	Item Des	OD Nominal (in)	Nominal ID (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
141	Tubing	2.875	2.441	6.50	J-55	4,562.80	4,574.3
1	Tubing Sub	2.875	2.441	6.50	J-55	4.00	4,578.3
1	Bolt On Discharge	4.000				0.80	4,579.1
1	ESP-Pump D3600N 54 stg (ES, HS ...	4.000				13.40	4,592.5
1	ESP-Pump D3600N 77 stg (ARZ, H...	4.000				19.00	4,611.5
1	ESP-Pump D3600N 78 stg (ES, INC)	4.000				19.00	4,630.5
1	ESP-Pump MGH (Poseidon) D6-42	4.000				6.90	4,637.4
1	Gas Sep / Intake - VGSA D20-60	4.000				3.30	4,640.7
1	Protector / Seal - LSLSL (HS MON)	5.400				8.90	4,649.6
1	Protector / Seal - LSBPB (INC)	5.400				8.90	4,658.5
1	Motor - Maximus F071 262.5HP/61....	5.620				17.60	4,676.1
1	Sensor - Type 1 (Discharge psi)	4.000				1.90	4,678.0

Perforations

Date	Type	Top (ftKB)	Btm (ftKB)	Linked Zone
		4,519.0	4,539.0	
		4,562.0	4,566.0	
		4,601.0	4,617.0	
		4,660.0	4,694.0	
9/15/2017		4,700.0	4,758.0	VACUUM::GB/SA, Original Hole
9/14/2017		4,795.0	4,820.0	VACUUM::GB/SA, Original Hole
9/14/2017		4,860.0	4,910.0	VACUUM::GB/SA, Original Hole