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
1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBS OCD
SEP 11 2018
RECEIVED

Form C-103
Revised August 1, 2011

WELL API NO. 30-025-42114	
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.)	7. Lease Name or Unit Agreement Name EAST VACUUM GB-SA UNIT TRACT 3373
1. Type of Well: Oil Well [X] Gas Well [ ] Other	8. Well Number 518
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 L : 1905 feet from the SOUTH line and 1084 feet from the WEST line Section 33 Township 17S Range 35E NMPM County LEA	
[redacted]	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3953' GL [redacted]

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: ADD PAY	[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 ADD PAY TO THE VACUUM; GB-SA 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 Staff Regulatory Technician DATE 09/04/2018

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

For State Use Only

APPROVED BY: TITLE Petroleum Engineer DATE 09/11/18

Conditions of Approval (if any):

EVGSAU 3373-518
Pay Add
API #30-025-42114

Project Scope
Background and Justification: EVGSAU 3373-518 is a new drill well planned for additional perforations. This well has produced at lower total flowrates than initially anticipated. Consequently, the existing ESP may be downsized on rerun.

Downhole Configuration		
Type	**Top**	**Bottom**
Perforations	4710'	4,816'
PBTD (float collar)	5,208'	
TD	5,250'	

Well Service Procedure:
Before rigging up conduct safety meeting & review JSA

1. MIRU WSU. Take off top lead.
2. NDWH, NUBOP and test.
3. RU cable & CT spoolers. TOOH & stand back 146 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.
4. MI & PU additional ~20 tubing joints for bit & scraper run.
5. PU & RIH with bit and scraper sized for 7", 23# casing. Clean out down to PBTD (~5,201). Record tag depth.
6. RU tubing scanner. POOH scanning tubing and stand back yellow joints. LD bit & scraper.
7. 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 11/9/2017.
8. PU & RIH with RBP for 7", 23# casing and set at ~4,705'.
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 4,638'-4,700' (62' net, 2 SPF, 120 degree phasing)
11. Pull fired guns into lubricator, bleed lubricator, & remove spent guns. Verify all shots fired.
12. ND/LD lubricator and guns. RDMO wireline service provider.
13. RU hydrotester. PU and RIH w/treating packer sized for 7", 23# casing. Hydrotest tubing to 5000 psi while GIH.
14. RU acid services. Spot acid across perfs 4,638'-4,700' (~105 gals) & flush tubing as needed & set PKR at ~4600'
15. Prepare to 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 5,040 gals of acid will be required.

EVGSAU 3373-518
Pay Add
API #30-025-42114

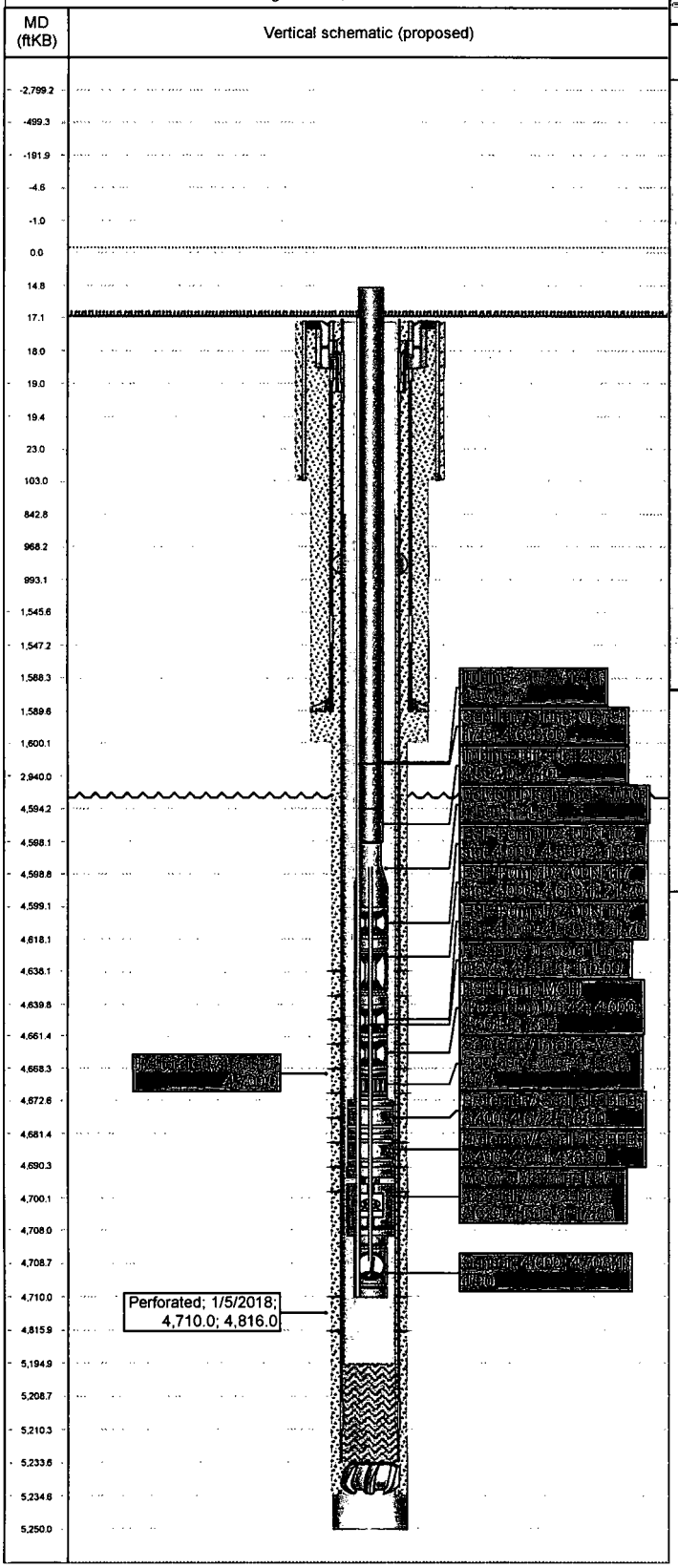
Net Pay (ft)	Total Perfs	Acid Volume (bbls)	Ball Sealers	Flush Volume (bbls)
62	124	120	124	35

16. Pump 120 bbls of 15% NEFE HCL. Utilize remote ball launcher. Record treating pressure, rate, diverter action if any, ISIP & pressures at 5 min, 10 min, and 15 min.
    - Pump 30 bbls (1260 gals) 15% NEFE HCL
    - Pump 60 bbls (2520 gals) 15% NEFE HCL, dropping ~ 124 balls evenly spaced (~2 balls/bbl)
    - Pump 30 bbls (1260 gals) 15% NEFE HCL
    - Pump 35 bbls (1470 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.*	**5,500**	**PSIG**
MAXIMUM ALLOWABLE WORKING PRESSURE: (tubing hydrotest pressure)	**5,000**	**PSIG**

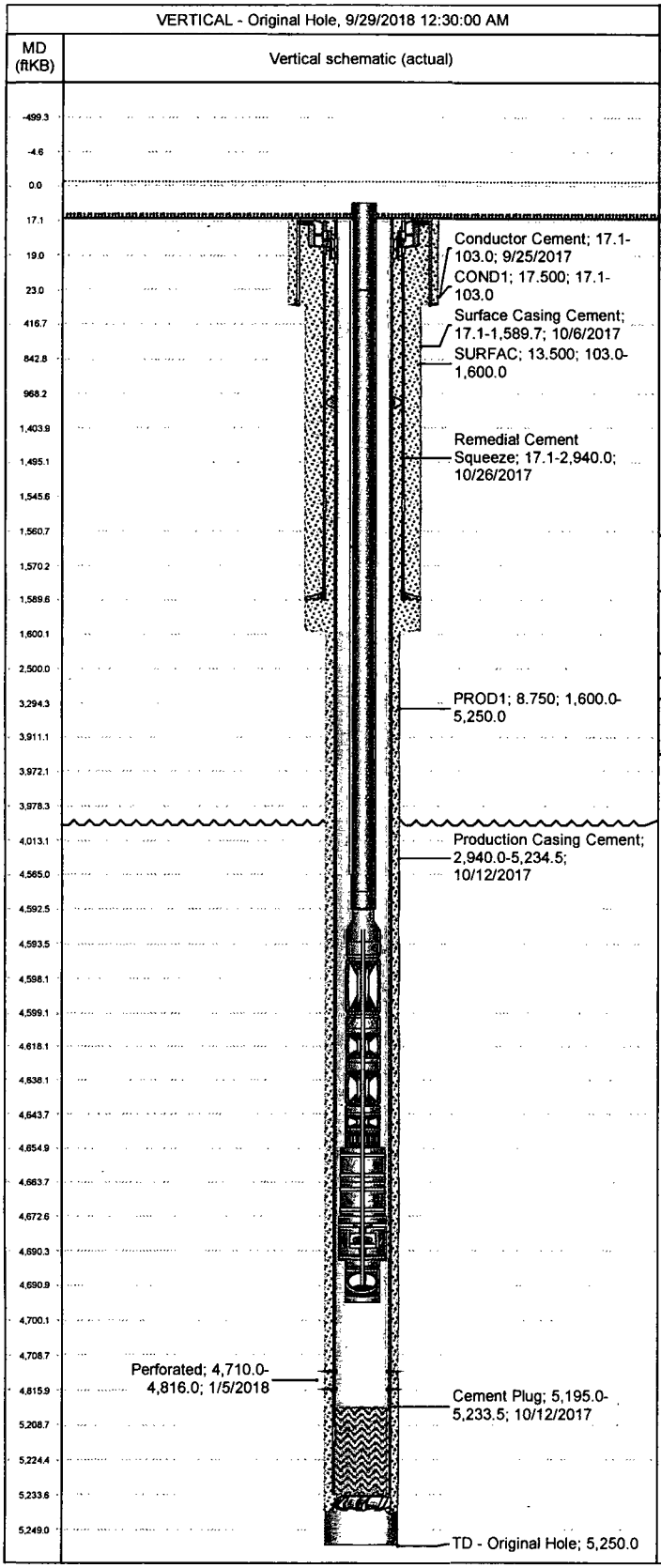
17. RDMO acid services
18. Release packer. RIH and retrieve RBP at ~4,705' POOH & lay down PKR & RBP. Stand back tubing.
19. RU cable and CT spoolers. PU & RIH w/ Schlumberger ESP assembly, cables, and tubing.
    - ESP will be installed with a pressure discharge line running from the sensor to above 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 @ ~4,710'
20. Have SLB tech measure cable to length, splice, and install lower pigtail into hanger.
21. Land tubing in hanger. NDBOP, NUWH, connect upper pigtail.
22. Startup ESP @ 45 hz unless otherwise instructed. Adjust pump speed per downhole conditions. Ensure well pumps up before RD
23. RDMO, clean location.

Proposed Tubing Configuration
EAST VACUUM GBSA UNIT 3373-518
3002542114



Tubing Description						Set Depth (ftKB)	
Tubing - Production						4,710.0	
Jts	Item Des	OD Nominal (in)	Nominal ID (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
145	Tubing	2.875	2.441	6.50	L-80	4,579.17	4,594.0
1	Tubing- Lift sub	2.875	2.441	6.50	L-80	4.10	4,598.1
1	Bolt On Discharge	4.000				1.06	4,599.2
1	ESP-Pump D2400N 102 stg	4.000				18.90	4,618.1
1	ESP-Pump D2400N 117 stg	4.000				21.70	4,639.8
1	ESP-Pump D2400N 117 stg	4.000				21.70	4,661.5
1	ESP-Pump MGH (Poseidon) D8-42	4.000				7.00	4,668.5
1	Gas Sep / Intake - VGSA D20-60	4.000				4.04	4,672.5
1	Protector / Seal - LSBPB	5.400				8.90	4,681.4
1	Protector / Seal - LSBPB	5.400				8.90	4,690.3
1	Motor - Maximus F071 262.5HP/61A/2601V	5.620				17.80	4,708.1
1	Sensor	4.000				1.90	4,710.0

Current Tubing Configuration
EAST VACUUM GBSA UNIT 3373-518
3002542114



Tubing Description: Tubing - Production

Set Depth (ftKB): 4,692.4

Jts	Item Des	OD Nominal (in)	Nominal ID (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
1	Tubing_Sub	2.875	2.441	6.50	L-80	8.10	22.9
144	Tubing	2.875	2.441	6.50	L-80	4,565.37	4,588.3
1	Tubing- Lift sub	2.875	2.441	6.50	L-80	4.10	4,592.4
1	Bolt On Discharge	4.000				1.06	4,593.5
	ESP Pump D3500N 53 stg (ARZ, H...	4.000				13.40	4,606.9
1	ESP Pump D3500N 59 stg (ARZ, H...	4.000				15.00	4,621.9
1	ESP Pump D3500N 89 stg (ARZ, I...	4.000				22.00	4,643.9
1	ESP Pump MGH (Poseidon) D8-42	4.000				7.00	4,650.9
1	Gas Sep / Intake - VGSA D20-60	4.000				4.04	4,654.9
1	Protector / Seal - LSBPB	5.400				8.90	4,663.8
1	Protector / Seal - LSBPB	5.400				8.90	4,672.7
1	Motor - Maximus F071 262.5HP/61...	5.620				17.80	4,690.5
1	Sensor	4.000				1.90	4,692.4

Perforations

Date	Type	Top (ftKB)	Btm (ftKB)	Linked Zone
	Perforated	4,638.0	4,700.0	
1/5/2018	Perforated	4,710.0	4,816.0	VACUUM::GB/SA, Original Hole