Submit 1 Copy To Appropriate District Office	State of New Mexico	Form C-103
District I - (575) 393-6161	Energy, Minerals and Natural Res	Revised August 1, 2011 WELL API NO.
1625 N, French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283	OCD CONCEDIVATION DIVI	20.025.42116
District II – (575) 748-1283  811 S. First St., Artesia, NM 8810BB  District III – (505) 334-6178  1000 Rio Brazos Rd. Aztec, NM 87410	OIL CONSERVATION DIVI	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> – (505) 476-3460 SEP. 1	1 2018 1220 South St. Francis D. Santa Fe, NM 87505	STATE AT THE
District IV – (505) 476-3460 SEP 1220 S. St. Francis Dr., Santa Fe, NM	Salita Fe, INIVI 67505	6. State Oil & Gas Lease No.
87505	EIVED	B-1839-1
(DO NOT USE THIS FORM FOR PROPOS	ES AND REPORTS ON WELLS ALS TO DRILL OR TO DEEPEN OR PLUG BAC TION FOR PERMIT" (FORM C-101) FOR SUCH	TBACT 33-60
·	Gas Well Dother	8. Well Number 528
2. Name of Operator ConocoPhillip	Company	9. OGRID Number 217817
3. Address of Operator P. O. Box 51	810	10. Pool name or Wildcat
Midland, TX	79710	VACUUM; GB-SA
4. Well Location		
		ine and 641 feet from the WEST line
Section 33	Township 17S Range 35	
	3948' GL	AT, OR, etc.)
12. Check A	ppropriate Box to Indicate Nature	of Notice, Report or Other Data
NOTICE OF INT	ENTION TO:	SUBSECUENT DEDORT OF
PERFORM REMEDIAL WORK		SUBSEQUENT REPORT OF: EDIAL WORK   ALTERING CASING
TEMPORARILY ABANDON		MENCE DRILLING OPNS. P AND A
PULL OR ALTER CASING	MULTIPLE COMPL CASI	NG/CEMENT JOB
DOWNHOLE COMMINGLE		
OTHER: ADD PAY	☑ OTHE	:R·
		t details, and give pertinent dates, including estimated date
	k). SEE RULE 19.15.7.14 NMAC. For 1	Multiple Completions: Attach wellbore diagram of
CONOCOPHILLIPS COMPANY	WOULD LIKE TO ADD PAY IN THE V	ACUUM; GB-SA PER ATTACHED PROCEDURES.
	OPOSED WELLBORE SCHEMATIC	· · · · · · · · · · · · · · · · · · ·
Spud Date:	Rig Release Date:	
I haraky contify that the information of	pove is true and complete to the best of m	v knowledge and halief
Thereby certify that the information a	bove is true and complete to the best of in	y knowledge and benef.
///	/ g _	·
SIGNATURE Mandel	TITLE Staff Regulator	ry Technician DATE 09/04/2018
Type or print name Rhonda Rogers	F-mail address: roce	TS@conocophillips.com PHONE: (432)688-9174
For State Use Only	L-man address. Toge	1110HE. (432)088-91/4
	Petrolen	m Engineer PARTS AG/1/6
APPROVED BY:	TITLE	DATE 99/11/18
Conditions of Approval (Itany):	CARAN CONTRACTOR	
	The state of the s	

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# EVGSAU 3366-528 API #30-025-42116 Pay Add

#### Project Scope

#### **Background and Justification:**

A plug will be set and three new perf intervals will be added.

Downhole Configuration				
Туре	Top	Bottom		
Perforations	4727'	4,864'		
PBTD (float collar)	5,134'			
TD	5,187'			

#### 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 143 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 ~6 tubing joints for bit & scraper run.
- 5. PU & RIH with bit and scraper sized for 7", 23# casing. Clean out down ~4,730' (just below proposed CIBP set depth at ~4,720').
- 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 9/20/2017.
- 8. PU & RIH with CIBP for 7", 23# casing and set at  $\sim$ 4,720'.
- 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 4,667'-4,706' (39' net, 2 SPF, 120 degree phasing)
- 11. Pull fired guns into lubricator, bleed lubricator, & remove spent guns. Verify all shots fired. Record in WellView.
- 12. RU acid services. 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 8,400 gals of acid will be required as well as a frac tank with 20,000 gals of biocide treated fresh water. Staging will be as follows:

# EVGSAU 3366-528 API #30-025-42116

#### Pay Add

Stage	Net Pay (ft)	Total Perfs	Acid Volume (bbls)	Ball Sealers	Flush Volume (bbls)
Region 10 inch	39	78	80	80	40
Acid Pill	-	-	20	_	125
2	53	106	100	106	185
Total	92	184	200	186	350

- 13. Pump 80 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 20 bbls (840 gals) 15% NEFE HCL
  - Pump 40 bbls (1680 gals) 15% NEFE HCL, dropping ~ 80 balls evenly spaced (2 balls/bbl)
  - Pump 20 bbls (840 gals) 15% NEFE HCL
  - Pump 40 bbls (1680 gals) of treated water as flush (1015' water spacer)
  - Pump 20 bbls (840 gals) 15% NEFE HCL (508' acid column)
  - Pump 125 bbls (5250 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.	5,780	PSIG	
MAXIMUM ALLOWABLE WORKING PRESSURE: Based on weakest component in system (COP define 1.2 SF for 7" L-80 production casing burst)	5,280	PSIG	
MAX SURFACE PRESSURE: 30% SF from casing burst pressure	4,876	PSIG	

- 14. RIH with ball catcher and RBP on wireline and set RBP at ~4,655'
- 15. Load wellbore prior to running in hole with perforating guns; confirm that well is loaded and RBP is holding.
- 16. 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 4,624'-4,641' (17' net, 2 SPF, 120 degree phasing)
  - Perforate from 4,581'-4,617' (36' net, 2 SPF, 120 degree phasing)
- 17. Pull fired guns into lubricator, bleed lubricator, & remove spent guns. Verify all shots fired. ND/LD lubricator and guns. RDMO wireline service provider.

### EVGSAU 3366-528 API #30-025-42116 Pay Add

- 18. 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.
  - Pump 25 bbls (1050 gals) 15% NEFE HCL
  - Pump 50 bbls (2100 gals) 15% NEFE HCL, dropping ~ 106 balls evenly spaced (~2 balls/bbl)
  - Pump 25 bbls (1050 gals) 15% NEFE HCL
  - Pump 185 bbls (7770 gals) of treated water as flush
  - Note: If ball out occurs, SD & surge perfs 3 times.
- 19. RDMO acid services
- 20. RIH production tubing to retrieve RBP at ~4,655'. Hydrotest tubing GIH.
- 21. POOH & lay down RBP. Stand back tubing.
- 22. 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 @ ~4,665'.
- 23. Have SLB tech measure cable to length, splice, and install lower pigtail into hanger.
- 24. Land tubing in hanger. NDBOP, NUWH, connect upper pigtail.
- 25. Startup ESP @ 45 hz unless otherwise instructed. Adjust pump speed per downhole conditions. Ensure well pumps up before RD.
- 26. RDMO, clean location.

# Current Tubing Configuration EAST VACUUM GBSA UNIT 3366-528 3002542116

	VERTICAL - Original Hole, 9/29/2018 12:30:00 AM	Tubing Description Set Depth (ftKB)  Tubing Production 4,681.0						
MD (ftKB)	Vertical schematic (actual)  rCOND1; 16.000; 17.1-72.0	Jts Item Des (in) Nominal ID (in) Wt (lb/ft) Grade Len (ft) Btm (ft/KB) 2.875 2.441 6.50 J-55 4,567.40 4,584.5						
33.1	72.0; 7/20/2017 Surface Casing Cement; 7 717.1-1,548.6; 8/23/2017	1 Bolt On Discharge 4.000 1.00 4,589.5 1 ESP-Pump DSSODYSN-sty (ES, HS. 4.000 22,00 4,611.5						
1,182.4	1,563.0	1. ESP:Pump 09900N91 50 (ES. Re. 4:000 22.00 4,633.5						
1,211.6		Gas Sep / Interio - VGSA D20-60 (I 4.000 3.30 4,643.7						
1,400.3		1 Protector / Seal - LSEPB (INC) 5,400 8.99 4,661.5						
1,524.3 1,546.9		1 Sensor - Type 1 4.000 1.90 4,681.0						
1,581.7 ·	Production Casing Cement;  17.1-5,162.0; 8/28/2017  PROD1; 8.750; 1,563.0- 5,187.0							
3,979.3 4,054.8 4,084.6		1						
4,091.9 4,568.6		Perforations           Date         Type         Top (ftKB)         Btm (ftKB)         Linked Zone           Perforated         4,581.0         -4,617.0						
4,573.5		Perforated						
4,588.8 4,595.5		10/4/2017   Perforated: 4,776:0 4,864.0   VACUUM::GB/SA, Original Hole						
4,624.0								
4,627.6 ·								
4,644.0								
4,652.6								
4,681.1								
4,727.0 4,727.0 4,766.1	Perforated; 4,727.0- 4,758.0; 10/5/2017							
4,775.9 5,134.2	Perforated; 4,776.0- 4,864.0; 10/4/2017 Production Casing Cement (plug); 5,134.1-5,162.0; 8/28/2017							
5,138.5 · 5,160.8 · 5,162.1 ·								
5,162.1	TD - Original Hole; 5,187.0							

# Proposed Tubing Configuration EAST VACUUM GBSA UNIT 3366-528 3002542116

4.553.5

4,557.5 4,558.5

4,573.5

4,595.5

4,617.5

4,624.4

4,627.7

4,636 6

4,645.5

4,663.1

4,665.0

4.536.40

1.00 15.00

22.00

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3,90

			Description g - Production					Sei 4,Ē	
MD (ftKB)	Vertical schematic (proposed)	Jts		OD Nominal	Nominal ID			T	
17.1 ~		141	item Des	(in) 2,875	(in) 2.441	Wt (lb/ft)		+	
18.4		*	Tubing Sub	2.875	2.441		J=55	1	
19.0 ~		*	Bolt On Discharge	4.000			Fig.		
23.0 ~		1	ESP-Pump D3500N	4.000		New Y			
71.9			59 Stg						
1,182.4 ~		1	ESP-Pump D3500N. 91 stg	4.000					
211.6 ~			ESP-Pump D\$500N	4.000			1957 P		
503.9			191 Stg						
505.2 ~		- 1	ESP-Pump MCH (Poseiden) D8-42	4.000		5			
45.9			(INC)						
548.6 -		-1	Gas Sep / Intaks -	4.590	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		# 1 1 1 E 17		
583.0 ⊮			VGSA D20-60 (INC)			[1 - 2일] [1 - 4]			
52.5 ~		- 1	Protestor / Seal - LSLSL (HS MON)	6:400					
53.5		4	Protector / Seal -	5.400					
7.4 -			LSBPB (INC)				Est.		
8.4	1500	4	Motor - Waximus F071	6,620					
3.5 -	SS 200 (1975)	`` <b>.</b>	262.5HP/61.1A/2601V		1		200		
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.5		1	Sensor - Type 1	4.000	1 . M. E. I	5 }			
17.1	Š. Segannese.								
17.5		*							
24.0									
27.6									
8.5									
41,1									
45.3									
83.1									
65.0									
667.0 -									
706.0									
20.1 -									
22.1 ~									
27.0	Perforated; 10/5/2017;								
57.9	4,727.0; 4,758.0								
75.9 ~	Perforated; 10/4/2017;								
3.8	4,776.0; 4,864.0								
4.2 -									
35.5 -									
38.5 -									
61.1 ^	ALL THE RESERVE TO TH								
162.1									
5,187.0	and the same of th								