

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 88201
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

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBS OGD
SEP 11 2018
RECEIVED

SUNDRY RECEIPTS 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. 30-025-42116
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-1839-1
3. Address of Operator P. O. Box 51810 Midland, TX 79710		7. Lease Name or Unit Agreement Name EAST VACUUM GB-SA UNIT TRACT 3168
4. Well Location Unit Letter E : 1733 feet from the NORTH line and 641 feet from the WEST line Section 33 Township 17S Range 35E NMPM County LEA		8. Well Number 528
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3948' GL		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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: ADD PAY <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 IN THE VACUUM; GB-SA PER ATTACHED PROCEDURES. 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: [Signature] TITLE Petroleum Engineer DATE 09/11/18
Conditions of Approval (if any):

Project Scope**Background and Justification:**

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

Downhole Configuration

Type	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. TOO H & 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 ~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:

Stage	Net Pay (ft)	Total Perfs	Acid Volume (bbls)	Ball Sealers	Flush Volume (bbls)
1	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)

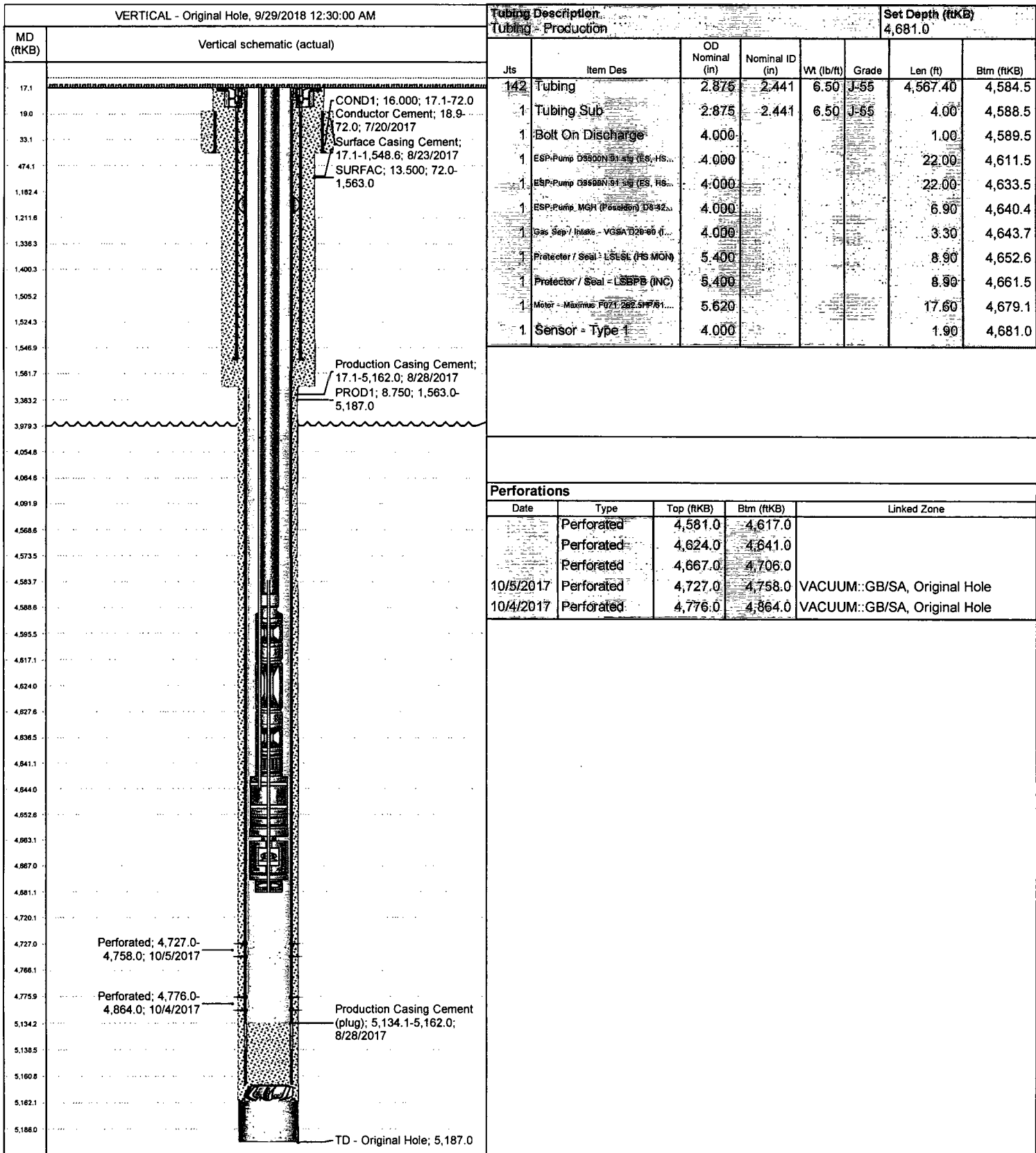
17. Pull fired guns into lubricator, bleed lubricator, & remove spent guns. Verify all shots fired. ND/LD lubricator and guns. RDMO wireline service provider.

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



Proposed Tubing Configuration

EAST VACUUM GBSA UNIT 3366-528

3002542116

