

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-38426
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name State F 1
8. Well Number 16
9. OGRID Number 217817
10. Pool name or Wildcat Hardy: Tubb Drinkard

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 ☒ Gas Well ☐ Other ☐

2. Name of Operator
ConocoPhillips Company

3. Address of Operator
P. O. Box 2197, Houston, TX 77252

4. Well Location
Unit Letter I : 1980 feet from the SOUTH line and 660 feet from the WEST line
Section 1 Township 21S Range 36E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: WSO SET CIBP ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
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 WOULD LIKE TO PERFORM A WATER SHUT-OFF

ATTACHED ARE THE 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 Regulatory Coordinator DATE 1/21/2020

Type or print name Rhonda Rogers E-mail address: rogerrs@conocophillips.com PHONE: 832-486-2737

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 01/30/2020
Conditions of Approval (if any):

**ConocoPhillips
State F 1 16
API #30-025-38426
Water Shut-Off**

Objective

H2S: 3000 PPM 100 PPM H2S ROE: 47.4 FT. 500 PPM H2S ROE: 21.7 FT.

State F1 #16 is currently down for a suspected tubing leak. Last test was 15 oil, 588 water and 66 gas. Project includes setting a CIBP @ 6075' will that isolate the Tubb zone to try to shut some water production off.

Recommendation/Job Scope:

PRIOR TO RIGGING UP: Lufkin to balance unit by moving 2 OARO weights to 28" from EOC. POOH w/ FG & steel rods (visually inspecting) & 2" insert pump (Garner Pump to R&R).

POOH scanning tubing.

PU & RIH w/ bit & scraper to 6100'.

PU & RIH w/ CIBP (set @ 6075'). Dump 35' cement on top of CIBP.

RIH hydro-testing tubing.

RIH w/ refurbished/spare 2" bore insert pump & visually inspected rods w/ sinker bars and guided subs between.

Well Category = 1 BOP Class = 1, hydraulic

Rods: POOH w/ FG & steel rods (Ensure Fiberod rep on location while handling FG rods) visually inspecting. Replace damaged equipment with new equipment of same specs. Replace 33K Shear Tool. Document in Well View. EXTRA RODS -TRC. See Proposed Rodstar & Schematic.

Tubing: Scan tubing OOH. Lay down red & green. Stand back yellow & blue to rerun in well. Send in desander (Verify nozzle size is D2716-G) & FG tailpipe to Garner Pump for cleaning & repair (if needed). RIH w/ bit & scraper to 6100'. RIH w/ CIBP & set @ 6075'. Dump 35' of cement above CIBP. Hydro-test in with yellow/blue/replacement tubing. See Proposed Schematic.

Pump: Send existing 2" insert pump in to Garner Pump (575-397-4788) for repair & return. RIH with refurbished/spare 25-200-HHBC-30-5-0-0 HVR insert pump with 1 1/4" X 4' Flow-Rite Magnetic Conditioner & 1 1/4" X 2' strainer nipple.

Current Rod and Tubing Configuration

STATE F-1 16

VERTICAL - Original Hole, 5/8/2019 2:54:53 PM		Wellhead and Christmas Tree Systems							
MD (ftKB)	Vertical schematic (actual)	Rated P (psi)	Com						
		5,000.0							
			Tubing Description Tubing - Production			Run Date 12/12/2018		Set Depth (ftKB) 6,689.5	
			Item Des	Jts	OD Nominal (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)
-271.4									

Polished Rod (1 1/2" X 26'); 1.500; -6.5; 26.00

Fiberglass Sucker Rod SUBS; 1.230; 19.5; 29.00

COND1; 13.375; 12.0 -80.0

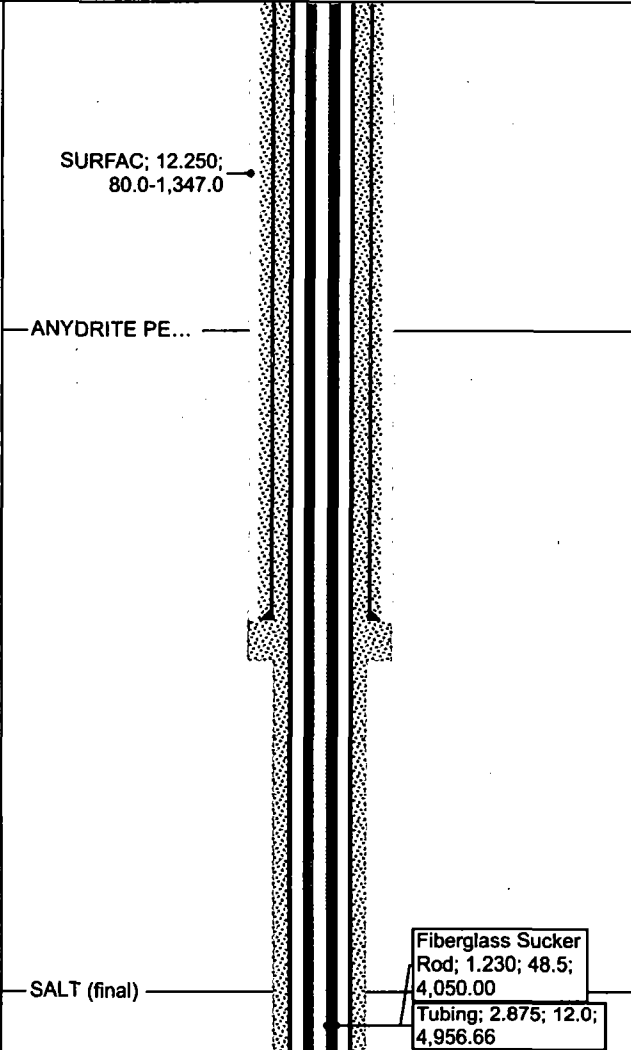
SURFAC; 12.250; 80.0-1,347.0

Tubing; 2.875; 12.0; 4,956.66
Fiberglass Sucker Rod; 1.230; 48.5; 4,050.00

ANYDRITE DE

Current Rod and Tubing Configuration

STATE F-1 16

VERTICAL - Original Hole, 5/8/2019 2:54:53 PM		Wellhead and Christmas Tree Systems							
MD (ftKB)	Vertical schematic (actual)	Rated P (psi)	Com						
		5,000.0							
281.7									
483.4									
685.0									
886.7									
1,088.4									
1,290.0									
1,299.5									
1,309.1									
1,318.8									
1,328.1									
1,337.8									
1,347.1									
1,352.9									
1,358.7									
1,364.5									
1,370.3									
1,378.1									
1,381.9									
1,586.6									
1,811.2									
2,025.9									
2,240.6									
2,455.3									
2,669.9									
2,716.8									
2,783.7									
2,810.5									
2,857.4									
2,904.3									

SEVEN RIVER

Current Rod and Tubing Configuration

STATE F-1 16

VERTICAL - Original Hole, 5/8/2019 2:54:53 PM

MD (ftKB)	Vertical schematic (actual)									
2,728.2										
2,782.4										
2,838.8										
2,894.9										
2,951.1										
3,053.9										
3,158.8										
3,259.4										
3,362.1										
3,464.9										
3,514.5			Item Des	Jts	Make	Model	OD (in)	API Grade	Len (ft)	Btm (ftKB)
3,564.1			Guided Flexbar Sub w/ 3/4" pins	1	Norris		1		2.00	6,274.5
3,613.7			Sinker Bar	1	Flexbar		1 1/2	K	25.00	6,299.5
3,663.3			Guided Flexbar Sub w/ 3/4" pins	1	Norris		1		2.00	6,301.5
3,712.9			Sinker Bar	1	Flexbar		1 1/2	K	25.00	6,326.5
3,761.0			Guided Flexbar Sub w/ 3/4" pins	1	Norris		1		2.00	6,328.5
3,809.0			Sinker Bar	1	Flexbar		1 1/2	K	25.00	6,353.5
3,857.0			Guided Flexbar Sub w/ 3/4" pins	1	Norris		1		2.00	6,355.5
3,905.1			Sinker Bar	1	Flexbar		1 1/2	K	25.00	6,380.5
3,953.1			Guided Flexbar Sub w/ 3/4" pins	1	Norris		1		2.00	6,382.5
3,982.2			Sinker Bar	1	Flexbar		1 1/2	K	25.00	6,407.5
4,011.2			Guided Flexbar Sub w/ 3/4" pins	1	Norris		1		2.00	6,409.5
4,040.3			Sinker Bar	1	Flexbar		1 1/2	K	25.00	6,434.5
4,069.4			Guided Flexbar Sub w/ 3/4" pins	1	Norris		1		2.00	6,436.5
4,098.4			Sinker Bar	1	Flexbar		1 1/2	K	25.00	6,461.5
4,272.5			Guided Flexbar Sub w/ 3/4" pins	1	Norris		1		2.00	6,461.5
4,448.8			Sinker Bar	1	Flexbar		1 1/2	K	25.00	6,461.5
4,620.7			Guided Flexbar Sub w/ 3/4" pins	1	Norris		1		2.00	6,461.5
4,704.8			Sinker Bar	1	Flexbar		1 1/2	K	25.00	6,461.5

Fiberglass Sucker Rod; 1.230; 48.5; 4,050.00

Tubing; 2.875; 12.0; 4,956.66

Sucker Rod; 1.000; 4,098.5; 1,825.00

SEVEN RIVER...

QUEEN (final)

GRAYBURG (fi...

PROD1; 7.875; 1,347.0-6,987.0

SAN ANDRES...

Current Rod and Tubing Configuration

STATE F-1 16

VERTICAL - Original Hole, 5/8/2019 2:54:53 PM

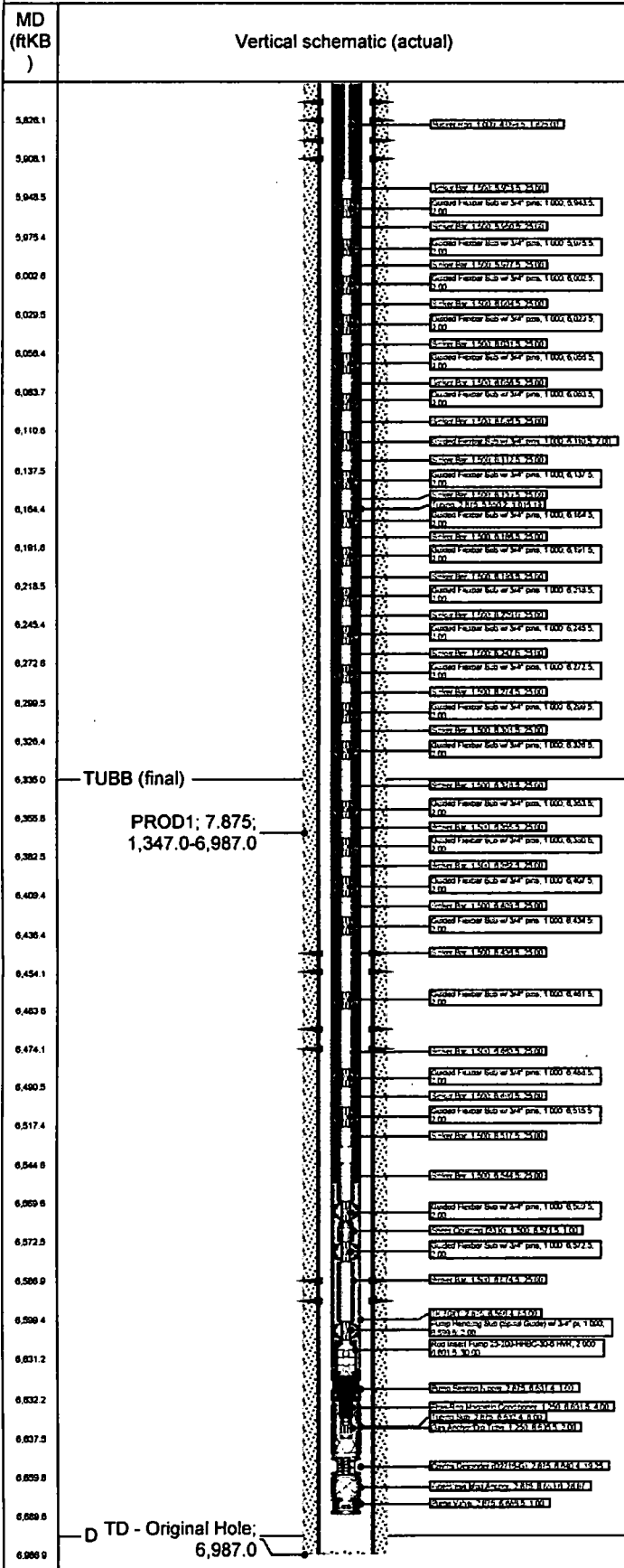
MD (ftKB)	Vertical schematic (actual)									
4,533.8			Tubing; 2.875; 12.0; 4,956.66							
4,968.8		PROD1; 7.875; 1,347.0-6,987.0	Sucker Rod; 1.000; 4,098.5; 1,825.00							
5,064.5										
5,200.1	GLORIETA (final)		Tubing ; 2.875; 4,968.7; 506.98							
5,254.6										
5,309.1	PADDOCK (final)									
5,382.4										
5,475.7										
5,479.7			Marker Sub; 2.875; 5,475.7; 8.00							
5,483.6										
5,515.4			Tubing; 2.875; 5,483.6; 63.54							
5,547.2										
5,548.7			Anchor 5 1/2 X 2 7/8; 4,995; 5,547.2; 3.00							
5,550.2										
5,565.1										
5,580.1	BLINEBRY TO...									
5,602.0										
5,624.0										
5,626.5										
5,628.9										
5,669.9										
5,711.0			Tubing; 2.875; 5,550.2; 1,016.19							
5,713.4										
5,715.9										
5,733.0										
5,752.0										
5,757.1										
5,762.1										
5,791.5										

Item Des	Jts	Make	Model	OD (in)	API Grade	Len (ft)	Btm (ftKB)
Guided Flexbar Sub w/ 3/4" pins	1	Norris		1		2.00	6,463.5
Sinker Bar	1	Flexbar		1 1/2	K	25.00	6,488.5
Guided Flexbar Sub w/ 3/4" pins	1	Norris		1		2.00	6,490.5
Sinker Bar	1	Flexbar		1 1/2	K	25.00	6,515.5
Guided Flexbar Sub w/ 3/4" pins	1	Norris		1		2.00	6,517.5
Sinker Bar	1	Flexbar		1 1/2	K	25.00	6,542.5
Guided Pony Rod	1					2.00	6,544.5
Sinker Bar	1	Flexbar		1 1/2	K	25.00	6,569.5
Guided Flexbar Sub w/ 3/4" pins	1	Norris		1		2.00	6,571.5
Shear Coupling (33 K)	1	Norris		1 1/2		1.00	6,572.5
Guided Flexbar Sub w/ 3/4" pins	1	Norris		1		2.00	6,574.5
Sinker Bar	1	Flexbar		1 1/2	K	25.00	6,599.5
Pump Handling Sub (Spiral Guide) w/ 3/4" pl	1	Norris		1		2.00	6,601.5

Current Rod and Tubing Configuration

STATE F-1 16

VERTICAL - Original Hole, 5/8/2019 2:54:53 PM



Item Des	Jts	Make	Model	OD (in)	API Grade	Len (ft)	Btm (RKB)
Rod Insert Pump 25-200-HHBC-30-5 HVR	1	Gamer		2		30.00	6,631.5
Flow-Rite Magnetic Conditioner	1			1 1/4		4.00	6,635.5
Gas Anchor/Dip Tube	1	Gamer		1 1/4		2.00	6,637.5

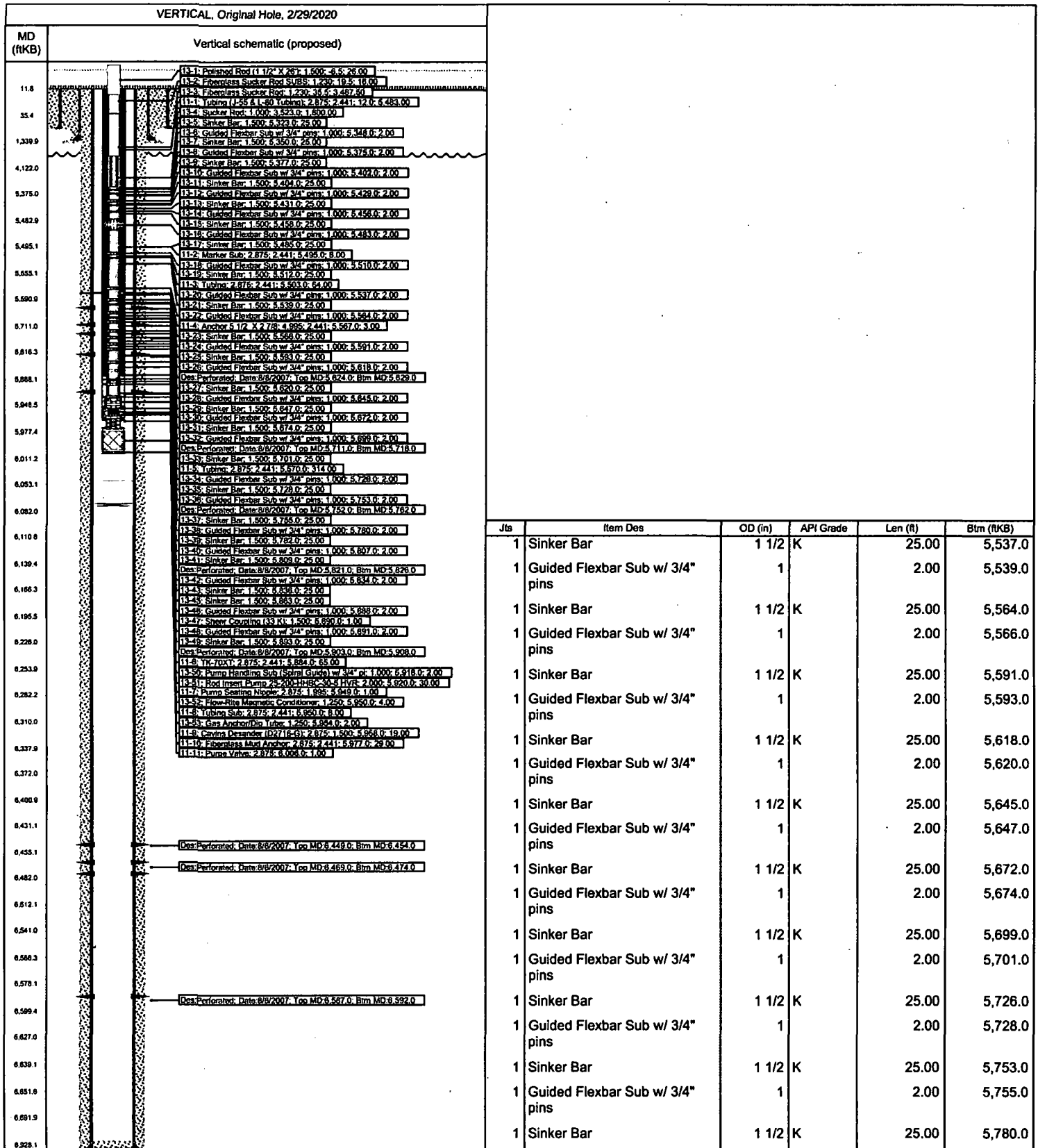
Proposed Rod and Tubing Configuration

STATE F-1 16

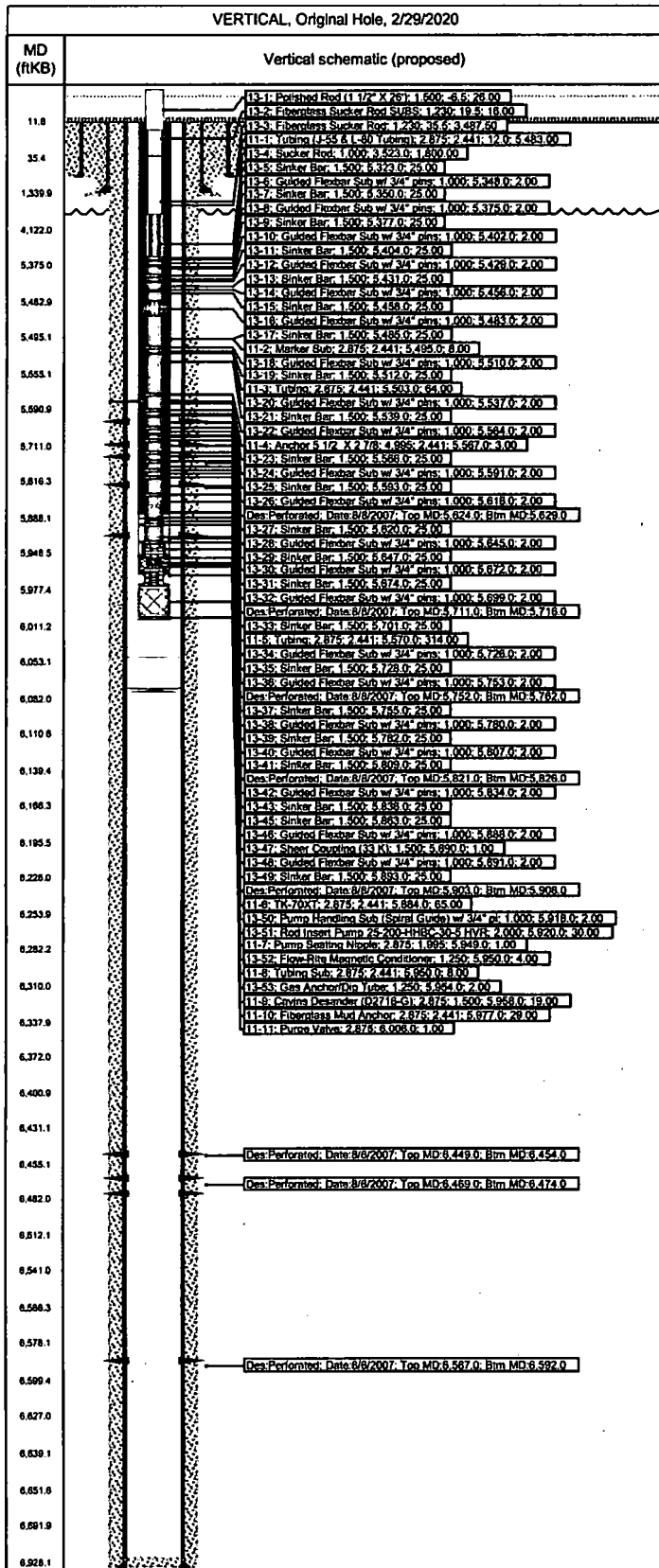
VERTICAL, Original Hole, 2/29/2020		Tubing Description PROPOSED Tubing - Production					Set Depth (ftKB) 6,007.0			
MD (ftKB)	Vertical schematic (proposed)	Jts	Item Des	OD Nominal (in)	Nominal ID (in)	Wt (lb/ft)	Grade	Len (ft)	Btm (ftKB)	
11.8		173	Tubing (J-55 & L-80 Tubing)	2.875	2.441	6.50	J-55	5,483.00	5,495.0	
35.4		1	Marker Sub	2.875	2.441	6.50	J-55	8.00	5,503.0	
1,339.9		2	Tubing	2.875	2.441	6.50	L-80	64.00	5,567.0	
4,122.0		1	Anchor 5 1/2 X 2 7/8	4.995	2.441	30.00	TAC	3.00	5,570.0	
5,375.0		10	Tubing	2.875	2.441	6.50	J-55	314.00	5,884.0	
5,482.9		2	TK-70XT	2.875	2.441	6.50	J-55	65.00	5,949.0	
5,495.1		1	Pump Seating Nipple	2.875	1.995		SN	1.00	5,950.0	
5,555.1		1	Tubing Sub	2.875	2.441	6.50	J-55	8.00	5,958.0	
5,590.9		1	Cavins Desander (D2716-G)	2.875	1.500	8.00	CAV	19.00	5,977.0	
5,711.0		1	Fiberglass Mud Anchor	2.875	2.441	1.00	FG	29.00	6,006.0	
5,818.3		1	Purge Valve	2.875			PV	1.00	6,007.0	
5,888.1										
5,948.5										
5,977.4										
6,011.2										
6,053.1										
6,082.0										
6,110.6										
6,139.4										
6,166.3										
6,195.5										
6,226.0										
6,253.9										
6,282.2										
6,310.0										
6,337.9										
6,372.0										
6,400.9										
6,431.1										
6,455.1										
6,482.0										
6,512.1										
6,541.0										
6,568.3										
6,578.1										
6,599.4										
6,627.0										
6,639.1										
6,651.6										
6,681.9										
6,828.1										
		Rod Description PROPOSED Rod					Set Depth (ftKB) 5,956.0			
			Jts	Item Des	OD (in)	API Grade		Len (ft)	Btm (ftKB)	
			1	Polished Rod (1 1/2" X 26')	1 1/2			26.00	19.5	
			1	Fiberglass Sucker Rod SUBS	1.23			16.00	35.5	
			93	Fiberglass Sucker Rod	1.23			3,487.50	3,523.0	
			72	Sucker Rod	1	KD		1,800.00	5,323.0	
			1	Sinker Bar	1 1/2	K		25.00	5,348.0	
			1	Guided Flexbar Sub w/ 3/4" pins	1			2.00	5,350.0	
			1	Sinker Bar	1 1/2	K		25.00	5,375.0	
			1	Guided Flexbar Sub w/ 3/4" pins	1			2.00	5,377.0	
			1	Sinker Bar	1 1/2	K		25.00	5,402.0	
			1	Guided Flexbar Sub w/ 3/4" pins	1			2.00	5,404.0	
			1	Sinker Bar	1 1/2	K		25.00	5,429.0	
			1	Guided Flexbar Sub w/ 3/4" pins	1			2.00	5,431.0	
			1	Sinker Bar	1 1/2	K		25.00	5,456.0	
			1	Guided Flexbar Sub w/ 3/4" pins	1			2.00	5,458.0	
			1	Sinker Bar	1 1/2	K		25.00	5,483.0	
			1	Guided Flexbar Sub w/ 3/4" pins	1			2.00	5,485.0	
			1	Sinker Bar	1 1/2	K		25.00	5,510.0	
			1	Guided Flexbar Sub w/ 3/4" pins	1			2.00	5,512.0	

Proposed Rod and Tubing Configuration

STATE F-1 16



Proposed Rod and Tubing Configuration STATE F-1 16



Jts	Item Des	OD (in)	API Grade	Len (ft)	Btm (RKB)
1	Guided Flexbar Sub w/ 3/4" pins	1		2.00	5,782.0
1	Sinker Bar	1 1/2	K	25.00	5,807.0
1	Guided Flexbar Sub w/ 3/4" pins	1		2.00	5,809.0
1	Sinker Bar	1 1/2	K	25.00	5,834.0
1	Guided Flexbar Sub w/ 3/4" pins	1		2.00	5,836.0
1	Sinker Bar	1 1/2	K	25.00	5,861.0
1	Guided Pony Rod			2.00	5,863.0
1	Sinker Bar	1 1/2	K	25.00	5,888.0
1	Guided Flexbar Sub w/ 3/4" pins	1		2.00	5,890.0
1	Shear Coupling (33 K)	1 1/2		1.00	5,891.0
1	Guided Flexbar Sub w/ 3/4" pins	1		2.00	5,893.0
1	Sinker Bar	1 1/2	K	25.00	5,918.0
1	Pump Handling Sub (Spiral Guide) w/ 3/4" pi	1		2.00	5,920.0
1	Rod Insert Pump 25-200-HHBC-30-5 HVR	2		30.00	5,950.0
1	Flow-Rite Magnetic Conditioner	1 1/4		4.00	5,954.0
1	Gas Anchor/Dip Tube	1 1/4		2.00	5,956.0