

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

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-015-27108
5. Indicate Type of Lease STATE [X] FEE []
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name MUSKEGON 16 STATE COM
8. Well Number 1
9. OGRID Number 328947
10. Pool name or Wildcat SWD; CISCO
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3588; GR

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 SWD
2. Name of Operator SPUR ENERGY PARTNERS LLC
3. Address of Operator 9655 KATY FREEWAY, SUITE 500, HOUSTON, TX 77024
4. Well Location Unit Letter N : 660 feet from the SOUTH line and 1980 feet from the WEST line
Section 16 Township 17S Range 29E NMPM EDDY County

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: WORKOVER [X]

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.

Over the weekend we had the Muskegeon SWD go down with a HIT. We would like to upsize the tubing in this well from 2-7/8" IPC to 3-1/2" Polycore tubing. This will allow us to reach it's max injection rate of 7500 BWPD while also saving money on electricity due to the decrease in friction. 3-1/2" tubing was originally allowed in the UIC Permit SWD-2463 that Spur received in 2022; in the same permit we are limited to 7500 BWPD injection rate, so we will not exceed that rate after the tubing is upsized.

Please find proposed procedure and WBDs attached for your review.

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 Sarah Chapman TITLE REGULATORY DIRECTOR DATE 03/25/2024

Type or print name SARAH CHAPMAN E-mail address: SCHAPMAN@SPURENERGY.COM PHONE: 832-930-8613

For State Use Only

APPROVED BY: TITLE DATE

Conditions of Approval (if any):

Muskegeon 16 State Com #1

Eddy County, NM
 API# 30-015-27108
 XTBD – \$TBD

Hole in Tubing / Packer Leak and Tubing Up-Size

Objective

This well has a suspected hole in tubing or packer leak due to pressure on the 5.5” casing. It is proposed to pull and LD all 2-7/8” IPC tubing and replace with re-worked Upsized 3.5” Polycore tubing from Western Falcon. The tubing that is in the well was installed in 2005.

Notes:

ONLY RUN 316 OR HIGHER-GRADE STAINLESS STEEL, PLASTIC COATED, OR NICKEL COATED ACCESSORIES DOWNHOLE – COLLARS, XOs, ON/OFF TOOLS ETC. SS IS PREFERRED.

Procedure

1. **Notification:** Contact the OCD at least 24 hours prior to the commencement of any operations.
2. Move in rig up pulling unit and laydown machine. Move the extra bbls of 11.6# from the Empire #3 SWD and move that frac tank over to location to avoid a cleaning fee.
3. Kill the well and ensure well is at 0 psi, 11.6# Calcium Chloride should be enough to kill the well, there shows to be 700psi on the tubing. Nipple down wellhead. Nipple up BOP.
4. MI new tubing hanger from AFS for 3.5” tubing
5. Pull and LD 2-7/8” IPC tubing as follows:

Tubing Detail (8/29/2019)

Current Tubing String										
Tubing Description					Set Depth (ftKB)	Run Date				
Tubing - Production					8,849.0	8/29/2019				
Item Des	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Jts	Cum Len (ft)	Top (ftKB)	Btm (ftKB)	
IPC TUBING	J-55	6.50	2 7/8	2.44	32.68	1	8,848.28	0.7	33.4	
IPC TBG SUB 10-8-6-3	J-55	6.50	2 7/8	2.44	27.40	4	8,815.60	33.4	60.8	
IPC TUBING	J-55	6.50	2 7/8	2.44	8,777.20	270	8,788.20	60.8	8,838.0	
ON/OFF TOOL WITH 1.875 F PROFILE			2 7/8	1.88	0.90	1	11.00	8,838.0	8,838.9	
ARROWSET 1-X PKR			4 3/4	2.44	8.10	1	10.10	8,838.9	8,847.0	
1.81 R PROFILE NIPPLE			4 3/4	1.81	1.00	1	2.00	8,847.0	8,848.0	
PUMP OUT DISC			2 7/8	2.44	1.00	1	1.00	8,848.0	8,849.0	

6. MI new tubing from Western Falcon and backhaul old tubing.
7. Pick up bit and scraper and 3-1/2” Polycore tubing from Western Falcon. Run in hole to 8,875’, work spot we will be setting packer and pull out of hole.

8. Run in hole hydrotesting tubing to 2,500 psi below the slips as follows:

Proposed Tubing Detail

~200 jts 3-1/2" WF Polycore L-80 9.3# EUE tbg
~72 jts 3-1/2" WF Modified-Polycore L-80 9.3# EUE tbg
(Run Modified polycore on bottom and std poly on top)
3-1/2" x 2-7/8" XO
2-7/8" T-2 O/O tool NP w/ profile
5 1/2" X 2 7/8" NP AS1X Packer
2 7/8" NP Pup
2 7/8" SS Landing Nipple
POP w/ WLREG

9. Set packer at +/- 8,850' (8' shallower as before).
10. Circulate of packer fluid into the hole and mud out. Attempt to save uncontaminated mud if possible.
11. Latch back onto the pack and top off the annulus with packer fluid. Consult engineer on how much compression should be set on packer.
12. Load and test casing to 500 psi for 30 mins.
13. If good test, Nipple down BOP. Nipple up wellhead. Install 2 new valves from AFS with SS nipple in between.
14. Rig down pulling unit.
15. Notify NMOCD 48hrs in advance to witness MIT; run MIT in accordance to 19.15.26 NMAC with OCD rep on location.

Muskegeon 16 State Com #1

Eddy County, NM
API# 30-015-27108

SPUD DATE: 10/4/1992
ELEV: 3,600' GL 12' KB

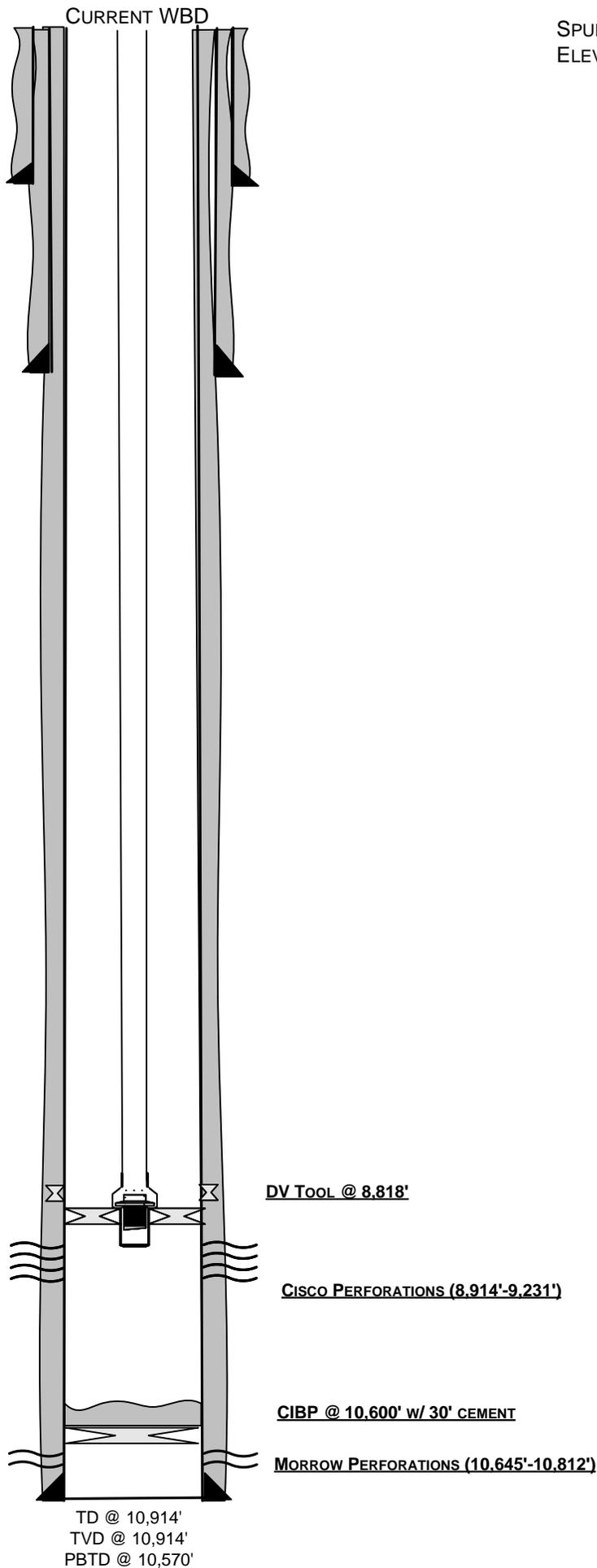
13-3/8" 48#/54.5# H-40/J-55 Csg @ 440'
17-1/2" HOLE
CMT W/ 500 SX
CIRC TO SURF

9-5/8" 40# J-55 Csg @ 2,650'
12-1/4" HOLE
CMT W/ 1100 SX
CIRC TO SURF

TUBING DETAIL

12' KB
1 JT 2-7/8" 6.5# IPC 8RD 32.6'
4 SUBS 2-7/8" 6.5# IPC 8RD 27.4'
270 JTS 2-7/8" 6.5# IPC 8RD 8,777'
O/O TOOL W/ 1.87" F NIPPLE
5.5" x 2-7/8" NP AS1X PACKER @ +/- 8,858'
1.81" R NIPPLE

5.5" 17# K-55 Csg @ 0'- 4,236'
5.5" 15.5# J-55 csg @ 4,236'-10,915'
8-3/4" HOLE
CMT STG 1 W/ 730 SX
CMT STG 2 W/ 1870 SX, CIRC 108 SX TO SURFACE



TD @ 10,914'
TVD @ 10,914'
PBD @ 10,570'

DV Tool @ 8,818'

CISCO PERFORATIONS (8,914'-9,231')

CIBP @ 10,600' W/ 30' CEMENT

MORROW PERFORATIONS (10,645'-10,812')

Muskegeon 16 State Com #1

Eddy County, NM
API# 30-015-27108

SPUD DATE: 10/4/1992
ELEV: 3,600' GL 12' KB

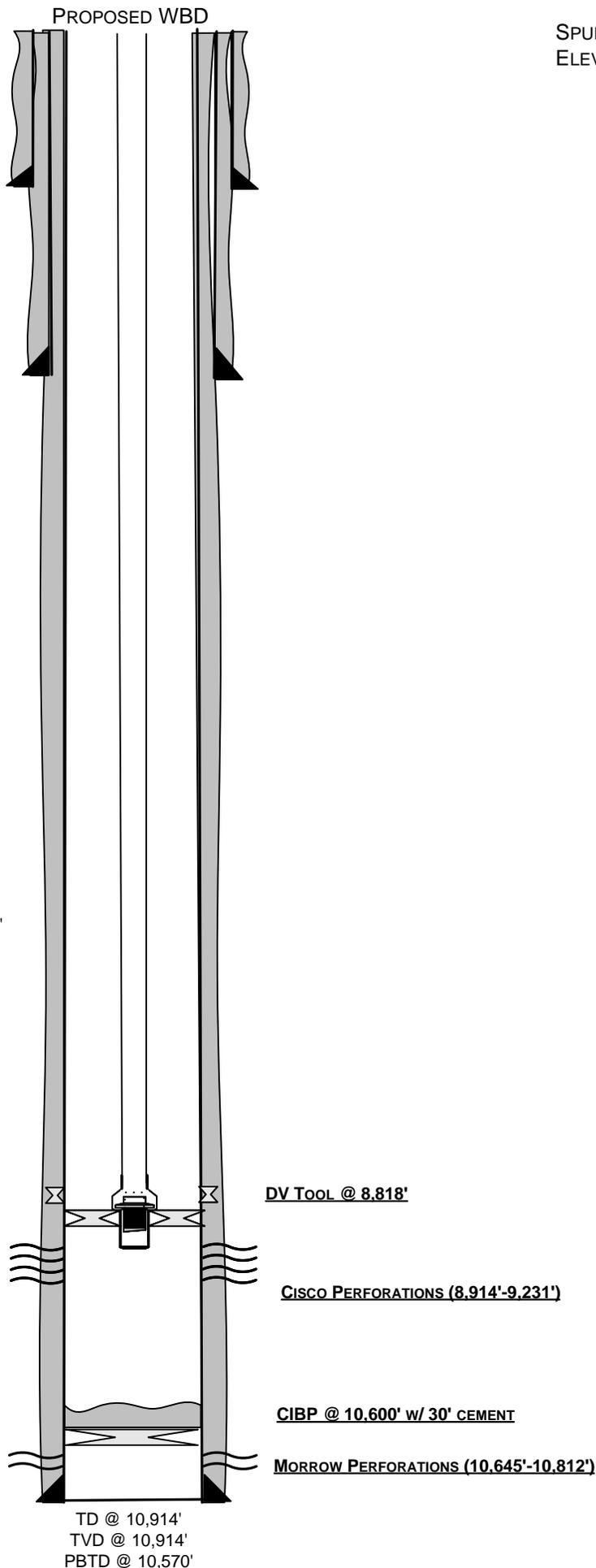
13-3/8" 48#/54.5# H-40/J-55 Csg @ 440'
17-1/2" HOLE
CMT W/ 500 SX
CIRC TO SURF

9-5/8" 40# J-55 Csg @ 2,650'
12-1/4" HOLE
CMT W/ 1100 SX
CIRC TO SURF

TUBING DETAIL

12' KB
272 JTS 3-1/2" 9.3# POLYCORE TUBING W/ TDC 8,834'
SS XO
O/O TOOL W/ PROFILE NIPPLE
5.5" x 2-7/8" NP AS1X PACKER @ +/- 8,855'
10' TUBING SUB
PROFILE NIPPLE
POP W/ WLREG

5.5" 17# K-55 Csg @ 0'- 4,236'
5.5" 15.5# J-55 Csg @ 4,236'-10,915'
8-3/4" HOLE
CMT STG 1 W/ 730 SX
CMT STG 2 W/ 1870 SX, CIRC 108 SX TO SURFACE



District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS
 Action 326402

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 326402
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	Please ensure that the packer is set not more than 100 ft above the top part of the perforation or the top part of the injection interval.	5/22/2024