

Submit a 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

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 <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
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 <input type="checkbox"/> Gas Well <input type="checkbox"/> 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 <u>N</u> : <u>660</u> feet from the <u>SOUTH</u> line and <u>1980</u> feet from the <u>WEST</u> line Section <u>16</u> Township <u>17S</u> Range <u>29E</u> NMPM EDDY County	

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"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER:	WORKOVER <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.

Over the weekend we had the Muskegon 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, XO's, 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

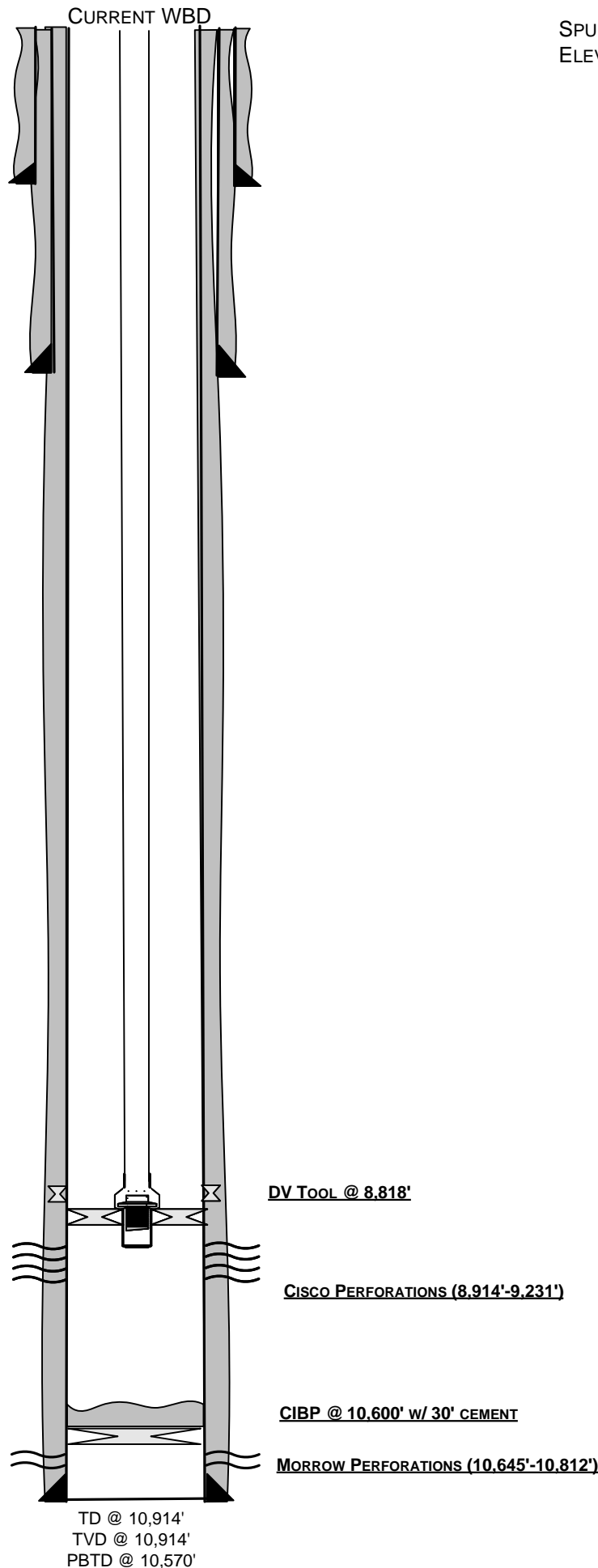
TUBING DETAIL

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



Muskegeon 16 State Com #1

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API# 30-015-27108

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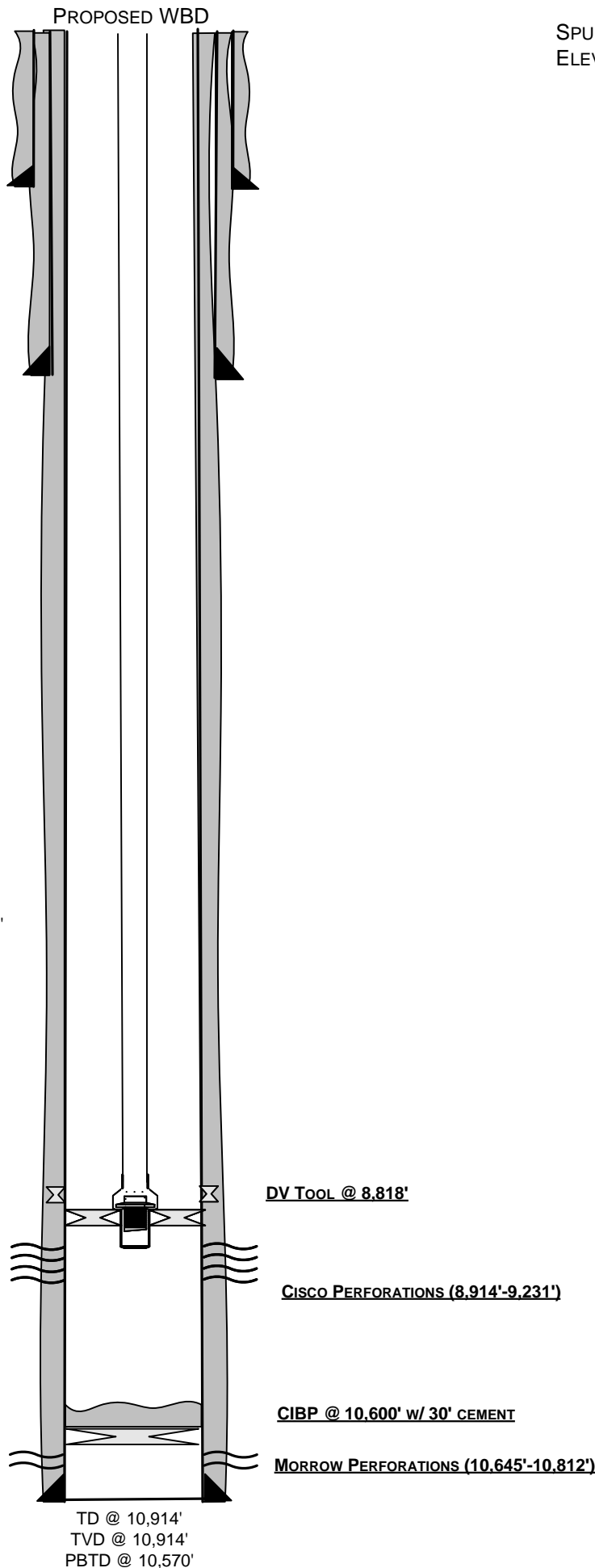
TUBING DETAIL

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



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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