

Well Name: EMPIRE FEDERAL SWD	Well Location: T17S / R29E / SEC 10 / LOT K / NESW / 32.847306 / - 104.064806	County or Parish/State: EDDY / NM
Well Number: 3	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMLC028731B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001537831	Well Status: Water Disposal Well	Operator: SPUR ENERGY PARTNERS LLC

Notice of Intent

Sundry ID: 2780576

Type of Submission: Notice of Intent

Date Sundry Submitted: 03/20/2024

Date proposed operation will begin: 03/20/2024

Type of Action: Workover Operations

Time Sundry Submitted: 10:08

Procedure Description: The Empire Federal #3 has a hole in the top joint of tubing. Due to this being a well control issue, we are moving a rig over to this well to get kill mud circulated into the hole.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Empire_Federal_SWD__3_BLM_NOI_Workover_20240320100812.pdf

Received by OCD: 3/20/2024 2:00:45 PM

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Conditions of Approval

Specialist Review

Workover_or_Vertical_Deepen_COA_20240320135551.pdf

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SARAH CHAPMAN	Signed on: MAR 20, 2024 10:08 AM
Name: SPUR ENERGY PARTNERS LLC	
Title: Regulatory Director	
Street Address: 9655 KATY FREEWAY SUITE 500	
City: HOUSTON	State: TX
Phone: (281) 642-5503	
Email address: SCHAPMAN@SPURENERGY.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Approved	Disposition Date: 03/20/2024
Signature: Jonathon Shepard	

Empire Federal SWD #3

Eddy County, NM

API# 30-015-37831

XTBD – \$TBD

Hole in Tubing / Packer Leak**Objective**

This well has a hole in the top joint of tubing. It is proposed to pull and LD all IPC tubing and replace all tubing with re-worked Polycore tubing from Western Falcon. The tubing that is in the well is from the original completion of this well in 2010.

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 and BLM at least 24 hours prior to the commencement of any operations.
2. Set a 2.25 F profile plug in the on/off tool with wireline
3. Move in rig up pulling unit and laydown machine. Move any remaining 11.6# mud from the Empire 9-4 SWD and move that frac tank over to location to avoid a cleaning fee.
4. Ensure plug in packer is holding. Ensure well is at 0 psi, Nipple down wellhead. Nipple up BOP. Release from on/off tool and circulate kill fluid. **11.6# Calcium Chloride** should be enough to kill the well, there shows to be 900 psi on the tubing when shut in. 333 bbls is the capacity of the 7" casing.
5. Pull and LD 3-1/2" IPC tubing as follows:

Tubing Detail (3/18/2014)

Current Tubing String									
Tubing Description					Set Depth (ftKB)		Run Date		
Production Tubing					8,617.3		3/18/2014		
Item Des	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Jts	Cum Len (ft)	Top (ftKB)	Btm (ftKB)
KB CORRECTION	0	0.00	0.0	0.00	12.00		8,617.33	0.0	12.0
PLASTIC COATED TBG	J-55	9.30	3 1/2	2.99	8,589.10	274	8,605.33	12.0	8,601.1
ON/OFF TOOL	J-55	6.50	2 7/8	2.25	1.83		16.23	8,601.1	8,602.9
PRODUCTION PACKER	J-55	6.50	7	2.44	7.90		14.40	8,602.9	8,610.8
PUP JOINT	J-55	6.50	2 7/8	2.44	6.00		6.50	8,610.8	8,616.8
WIRELINE RE-ENTRY GUIDE	J-55	6.50	2 7/8	2.44	0.50		0.50	8,616.8	8,617.3

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 8,620', work spot we will be setting packer and pull out of hole.

8. Run in hole hydrotesting tubing to 5,000 psi below the slips as follows:

Proposed Tubing Detail

~274 jts 3-1/2" WF Polycore L-80 9.3# EUE tbgs – Run Modified polycore on bottom and std poly on top

3-1/2" T-2 O/O tool NP w/ profile

7" X 3 1/2" NP AS1X Packer

3-1/2" x 2-7/8" SS XO

2 7/8" NP Pup

2 7/8" SS Landing Nipple

POP w/ WLREG

9. Set packer at +/- 8,605' (~5' shallower as packer was previously set).
10. Circulate packer fluid into the hole and mud out. Attempt to save uncontaminated mud if possible.
11. Latch back onto the on/off tool 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 and BLM 48hrs in advance to witness MIT; run MIT in accordance to 19.15.26 NMAC with OCD rep on location.

API #	30-015-37831	Empire Federal SWD #3	County, ST	Eddy County, NM
Operator	Spur Energy Partners		Sec-Twn-Rng	10-17S-29E
Field	SWD; Cisco		Footage	1980 FSL 1980 FWL
Spud Date	7/20/2010		Survey	32.8473625, -104.0648346

Formation (MD)	
San Andres	
Glorieta	
Yeso	
Bone Spring	
Wolfcamp	
Canyon	
Strawn	
Atoka	
Morrow	

RKB	3595
GL	3583

Hole Size	17-1/2"
TOC	Surface
Method	Circ 65 sx

Csg Depth	203'
Size	13-3/8"
Weight	48
Grade	H-40
Connections	
Cement	450 sx

Well History

Tubing Detail				
Jts	Size	Depth	Length	Detail
	KB	12	12	KB Correction
274	3-1/2"	8601.1	8589.1	3-1/2" IPC Tubing
1	2-7/8"	8602.9	1.83	O/O Tool w/ 2.25" F Profile
1	7"	8610.8	7.9	7" x 2-7/8" Arrowset Packer
1	2-7/8"	8616.8	6	Nickel Plated Tubing Sub
1	2-7/8"	8617.3	0.5	WLEG

Rod Detail					
Rods	Size	Depth	Length	Guides	Detail

Hole Size	12-1/4"
TOC	Surface
Method	Circ 121 sx

Csg Depth	2562'
Size	9-5/8"
Weight	36
Grade	J-55
Connections	
Cement	1000 sx

Last Update	4/19/2022
By	RCB

Hole Size	7-7/8"
TOC	Surface
Method	Circ 50 sx

Csg Depth	9178'
Size	7"
Weight	26
Grade	P-110
Connections	
Cement	1350 sx

PBTD	9126'
TD MD	9200'
TD TVD	9200'

Perforations

3750' 9/29/2010 - squeezed w/ 650 sx cmt, circ 50 sx to pit
8682'-8694' 9/5/2010
8717'-8730' 9/5/2010
8794'-8910' 9/5/2010

DV Tool @ 7213'

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 325202

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 325202
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	Should tubing replacement be required, the same tube size shall be replaced as stipulated by SWD-1213. The packer shall be set not more than 100 ft. from the top of the perforation or the top part of the injection interval. The annulus shall be filled with corrosion-inhibiting fluid.	3/20/2024