

Well Name: EMPIRE FEDERAL SWD 10	Well Location: T17S / R29E / SEC 10 / NWNE /	County or Parish/State: EDDY / NM
Well Number: 5	Type of Well: INJECTION - ENHANCED RECOVERY	Allottee or Tribe Name:
Lease Number: NMLC028731B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001539446	Well Status: Water Disposal Well	Operator: SPUR ENERGY PARTNERS LLC

Notice of Intent

Sundry ID: 2710151

Type of Submission: Notice of Intent

Type of Action: Workover Operations

Date Sundry Submitted: 01/09/2023

Time Sundry Submitted: 02:49

Date proposed operation will begin: 01/15/2023

Procedure Description: This well has a suspected hole in tubing or packer leak due to pressure on the 7" casing. It is proposed to set a plug in the packer and pull and LD all tubing and replace with new tubing from Western Falcon. The tubing that is in the well is from the original completion of this well in 2012. Please find procedure and WBDs attached for your review.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Empire_5_SWD___HIT_Packer_Leak_Procedure_and_WBD_20230109144926.pdf

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Operator: SPUR ENERGY PARTNERS LLC

Conditions of Approval

Specialist Review

Workover_or_Vertical_Deepen_COA_20230111213243.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: JAN 09, 2023 02:49 PM

Name: SPUR ENERGY PARTNERS LLC

Title: Regulatory Directory

Street Address: 9655 KATY FREEWAY, SUITE 500

City: Houston

State: TX

Phone: (832) 930-8613

Email address: SCHAPMAN@SPUREPLLC.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: 01/11/2023

Signature: Jonathon Shepard

Empire Federal SWD #5

Eddy County, NM
 API# 30-015-39446
 AFE - TBD

Hole in Tubing / Packer Leak

Objective

This well has a suspected hole in tubing or packer leak due to pressure on the 7” casing. It is proposed to set a plug in the packer and pull and LD all tubing and replace with new tubing from Western Falcon. The tubing that is in the well is from the original completion of this well in 2012.

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 commencing of any operations.
2. Make sure plug has been set in packer. Ensure well has 0 psi on the casing and tubing. If the well has pressure notify engineer and determine if 10lb brine is enough to kill it, or if snubbing operations need to be lined out.
3. Move in rig up pulling unit and laydown machine.
4. Nipple down wellhead. Nipple up BOP.
5. Release from On/Off tool, leaving the packer and plug in the hole to isolate the zone.
6. Pull and LD 3-1/2” IPC Tubing as follows:

Tubing Detail (12/30/19)

Current Tubing String									
Tubing Description					Set Depth (ftKB)	Run Date			
IPC Tbg					8,304.0	12/30/2019			
Item Des	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Jts	Cum Len (ft)	Top (ftKB)	Btm (ftKB)
IPC Tubing	L-80	9.30	3 1/2	2.99	1,804.88	56	8,310.18	-6.2	1,798.7
IPC Tbg	J-55	9.30	3 1/2	2.99	6,488.13	199	6,505.30	1,798.7	8,286.8
Stainless Steel XO			3 1/2		0.65	1	17.17	8,286.8	8,287.5
On/Off Tool W/2.31 F Nipple			3 1/2		1.80	1	16.52	8,287.5	8,289.3
Arrowset AS1 Packer			7		7.00	1	14.72	8,289.3	8,296.3
Nickle Plated Sub	J-55	9.30	2 7/8	2.99	6.22	1	7.72	8,296.3	8,302.5
2.31 R Profile Nipple			2 7/8		1.00	1	1.50	8,302.5	8,303.5
Wire Line Entry Guide			2 7/8		0.50	1	0.50	8,303.5	8,304.0

7. Move in and pick up new 3.5” Western Falcon poly lined tubing and subs and run in hole hydrotesting tubing to 5,000 psi above the slips as follows:

Proposed Tubing Detail

~255 jts 3-1/2" Polycore L-80 9.3# EUE tbg (8,289')
 O/O tool top

8. Stop right above the packer and circulate 250 bbls of packer fluid into the well.
9. Latch up to packer at +/- 8,289'.
10. Load and test casing to 500 psi for 30 mins.
11. If good test, Nipple down BOP. Nipple up wellhead.
12. Rig down pulling unit.
13. Notify NMOCD 48hrs in advance to witness MIT and then perform MIT. Ensure chart and paperwork are turned into the office, if OCD is present, ask if they can update the OCD site with the new well status.

Empire Federal SWD #5

Eddy County, NM
API# 30-015-39446

SPUD DATE: 10/29/2017
ELEV: 3,601' GL ?' KB

CURRENT WBD

13-3/8" 48# H-40 Csg @ 248'
17-1/2" HOLE
CMT W/ 162 SX
CIRC TO SURF

9-5/8" 40# J-55 Csg @ 2,612'
12-1/4" HOLE
CMT W/ 700 SX
CIRC TO SURF

DV TOOL @ 7,001'

7" 26# L-80 Csg @ 8,352'
FC @ 8,259'
8-3/4" HOLE
CMT W/ 400 SX IN 1ST STAGES
CMT W/ 1000 SX IN 2ND STAGE
CIRC TO SURF

TUBING DETAIL

255 JTS 3-1/2" 9.3# IPC TUBING
SS XO
O/O TOOL W/ 2.31 F NIPPLE
PACKER @ +/- 8,296'
NP SUB
2.31 R NIPPLE
WLREG

CISCO OPEN HOLE (8,352'-8,950')

TD @ 8,950'
TVD @ 8,950'
PBDT @ 8,950'

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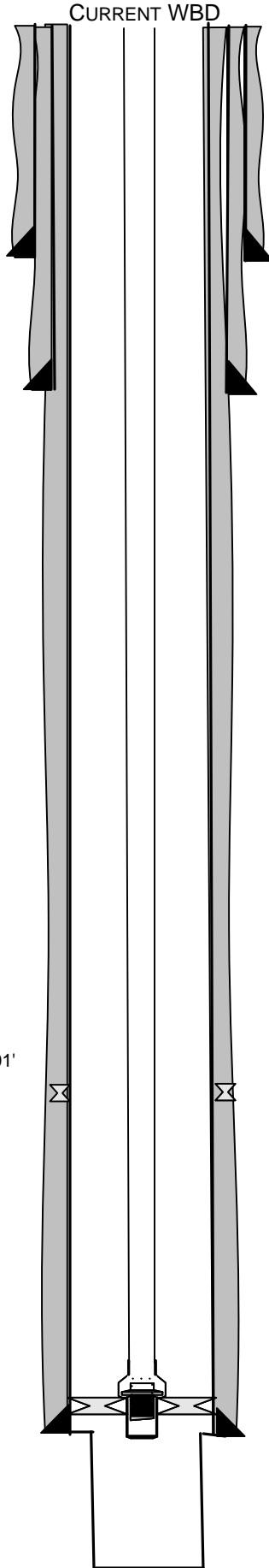
DV TOOL @ 7,001'

7" 26# L-80 Csg @ 8,352'
FC @ 8,259'
8-3/4" HOLE
CMT W/ 400 SX IN 1ST STAGES
CMT W/ 1000 SX IN 2ND STAGE
CIRC TO SURF

TUBING DETAIL
255 JTS 3-1/2" 9.3# IPC TUBING
SS XO
O/O TOOL W/ 2.31 F NIPPLE
PACKER @ +/- 8,296'
NP SUB
2.31 R NIPPLE
WLREG

TD @ 8,950'
TVD @ 8,950'
PBDT @ 8,950'

CISCO OPEN HOLE (8,352'-8,950')



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 175372

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 175372
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	1/19/2023