

Well Name: FEDERAL 18	Well Location: T19S / R33E / SEC 18 / SENE /	County or Parish/State: LEA / NM
Well Number: 04	Type of Well: INJECTION - ENHANCED RECOVERY	Allottee or Tribe Name:
Lease Number: NMLC064790	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002501671	Well Status: Plugged and Abandoned	Operator: SPUR ENERGY PARTNERS LLC

Notice of Intent

Sundry ID: 2669924

Type of Submission: Notice of Intent	Type of Action: Workover Operations
Date Sundry Submitted: 05/04/2022	Time Sundry Submitted: 07:29
Date proposed operation will begin: 05/01/2022	

Procedure Description: Please find attached procedure and WBDs attached for your use. Thank you!

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Federal_18_SWD__4__HIT_Packer_Leak_Procedure_20220504072854.pdf

Federal_18_SWD__4_WBD__Current__Proposed_WBD_20220504072854.pdf

Accepted for Record Only

SUBJECT TO LIKE
APPROVAL BY BLM

X 7

NMOCD 6/9/22

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US Well Number: 3002501671	Well Status: Plugged and Abandoned	Operator: SPUR ENERGY PARTNERS LLC

Conditions of Approval

Specialist Review

Workover_or_Vertical_Deepen_COA_20220531200007.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: MAY 04, 2022 07:28 AM
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 Phone: 5752345972
Disposition: Approved
Signature: Jonathon Shepard
BLM POC Title: Petroleum Engineer
BLM POC Email Address: jshepard@blm.gov
Disposition Date: 05/31/2022

Federal 18 SWD #4

Lea County, NM

API# 30-025-01671

Hole in Tubing / Packer Leak**Objective**

This well has a suspected hole in tubing or packer leak due to pressure on the 4" casing. It is proposed to pull and hydrotest tubing and replace any leaking joints. It is also proposed to run a new packer. The well was last pulled in July 2012 when Concho ran a new 4" liner in the well and cemented it to surface.

Procedure

1. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any operations. For wells in Lea County, call 575-393-3612.
2. Move in rig up pulling unit and laydown machine.
3. Nipple down wellhead. Nipple up BOP.
4. Pull 2-3/8" IPC Tubing as follows:

Tubing Detail (7/12/2012)

101 jts 2-3/8" J-55 ipc tbg

on/off tool w/ F Nipple

AS1-X 9.5#-11# Packer @ 3,289'

6' Tubing Sub

X-over

2-3/8" R Landing nipple

Eot @ 3297'

5. Pick up bit and scraper and 2-3/8" workstring. Run in hole to 3,300' and pull out of hole.
6. Run in hole with RBP & test packer and set RBP at +/- 3,300'. Set packer & pressure test RBP. Load and test casing to 500 psi for 15 mins. Pull out of hole laying down workstring.
7. Run in hole hydrotesting tubing to 3,000 psi below the slips as follows:

Proposed Tubing Detail

101 jts 2-3/8" 4.7# J-55 IPC tbg

4" x 1.9" T-2 On/Off tool Nickel-Plated w/ 1.5" F SS Profile

4" x 1.9" AS1-X Nickel-Plated Packer @ 3,289' (10.46#-12.95#, 1.9 EUE)

6' x 2-3/8" J-55 Nickel-Plated Tubing Sub

2-3/8" SS 1.437" R Landing Nipple w/ POP

EOT @ 3297'

8. Set packer at +/- 3,289' (same depth as before). Load and test casing to 500 psi for 15 mins.
9. Get off on/off tool. Circulate packer fluid. Engage on/off tool.
10. Load and test casing to 500 psi for 30 mins.
11. Nipple down BOP. Nipple up wellhead. Pressure up on tubing and pump out plug.
12. Rig down pulling unit.
13. Notify BLM & NMOCD to witness MIT.

Federal 18 SWD #4

Lea County, NM
API# 30-025-01671

SPUD DATE: 6/23/60
ELEV: 3642' GL, 10' KB
DPN & CONVERT TO SWD:
5/11/95

ELECTRIC LOG TOPS
T. ANHY. – 1,350'
T. SALT – 1,480'
B. SALT – 2,830'
T. YATES – 3,010'

8-5/8" 24# CSG @ 267'
CMT W/ 150 SX
TOC @ 19' (CALC)

5.5" Csg leak btwn 535'-1,609'

5/8/2012-5/31/2012: Set CIBP @ 1,795', set cmt retainer @ 431'. Pump 250 sx C, circ to pit. Close surf valve. Pump 250 sx C. Squeeze to 400 psi. Drill retainer & cmt f/ 440'-1,460'. Test squeeze to 500 psi. Drill cmt f/ 1,480'-1,606'. Test sqz to 700 psi. Leak present. TIH open-ended to 1,630'. Pump 100 sx. Pressure up to 600 psi. RIH w/ bit, collars and tbq. Tag plug @ 1,032'. Drill cmt f/ 1,035'-1,610'. Circ hole clean. Test to 500 psi. Leak still present. RIH open-ended to 1,760'. Pump 160 sx cmt, plug f/ 1,760'-817'. RIH w/ bit & collars. Tag cmt @ 1,012'. WOC. Drill cmt f/ 1,012'-1,260'. Test csg to 670# for 30 min. 620# final. Drill cmt f/ 1,260'-1,525'. Test csg to 700# for 30 min. 650# final. Retest to 700# for 30 min. 680# final. Drill cmt f/ 1,525'-1,760'. Circ w/ FW. TOOH. Test csg to 680# for 10 min, 520# for 20 min, 480# for 30 min, 440#.

5.5" Csg leak btwn 1,426 – 1,489'

5/5/1995: Squeezed w/ 350 sx C cmt, did not circ. Drill cmt f/ 1,412'-1,457'. Test csg to 400#. Held.

TUBING DETAIL (7/12/2012)

101 JTS 2-3/8" J-55 IPC TBG
ON/OFF TOOL W/ F NIPPLE
AS1-X 9.5#-11# PACKER @ 3,289'
6' TUBING SUB
X-OVER
2-3/8" R LANDING NIPPLE
EOT @ 3297'

5 1/2" 14# CSG @ 3349'

CMT W/ 40 SX
TOC @ 3,130' (CALC)

4" 11.6# L-80 ULTRA FJ LINER @ 3,334'

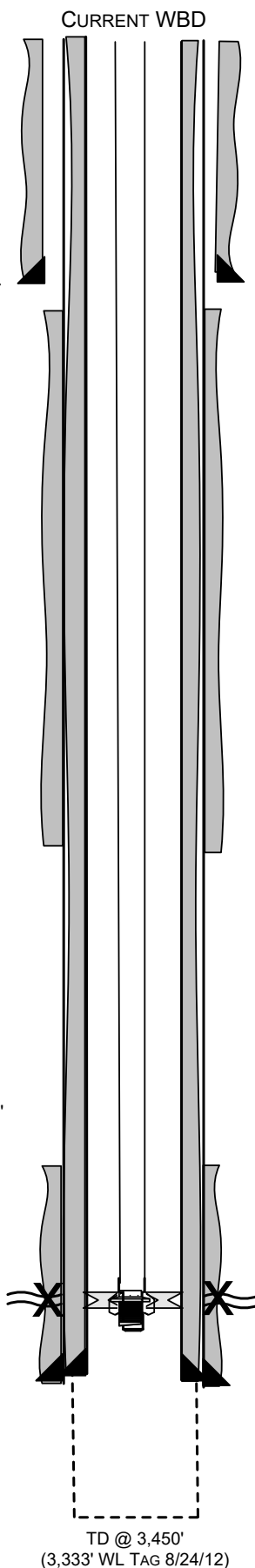
7/6/2012 – RAN 76 JTS. CMT W/ 200 SX C + 2% CACL2 + 0.3% C-35 + 0.25% R-38.
CIRC 40 SX TO PIT
TOC @ SURF (CIRC)

YATES PERFS (3,282 – 3,310')

8/26/1960: PERF 3282 – 3310, ACIDIZED W 2500 GAL 15% HCL
5/4/1995: SQUEEZED OFF W/ 100 SX C CMT, DIDN'T HOLD
5/10/1995: RE-SQUEEZED W 100 SX C CMT TO 2,220#. DRILL CMT F/ 3,182'-3,304'.

OPEN HOLE / SEVEN RIVERS (3,349'-3,450')

5/11/1995: DRILL CMT & FORMATION F/ 3,304-3,450'.
APPLICATION STATES: TO BE TREATED W/ 1000 GALS 15% ACID



Federal 18 SWD #4Lea County, NM
API# 30-025-01671SPUD DATE: 6/23/60
ELEV: 3642' GL, 10' KB
DPN & CONVERT TO SWD:
5/11/95ELECTRIC LOG TOPS
T. ANHY. – 1,350'
T. SALT – 1,480'
B. SALT – 2,830'
T. YATES – 3,010'**8-5/8" 24# CSG @ 267'**
CMT W/ 150 SX
TOC @ 19' (CALC)**5.5" Csg leak btwn 535'-1,609'**

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PROPOSED TUBING DETAIL

101 JTS 2-3/8" 4.7# J-55 IPC TBG
4" x 1.9" T-2 ON/OFF TOOL NICKEL-PLATED W/ 1.5" F
SS PROFILE
4" x 1.9" AS1-X NICKEL-PLATED PACKER @ 3,289'
(10.46#-12.95#, 1.9 EUE)
6' x 2-3/8" J-55 NICKEL-PLATED TUBING SUB
2-3/8" SS 1.437" R LANDING NIPPLE W/ POP
EOT @ 3297'

5 1/2" 14# CSG @ 3349'

CMT W/ 40 SX
TOC @ 3,130' (CALC)

4" 11.6# L-80 ULTRA FJ LINER @ 3,334'

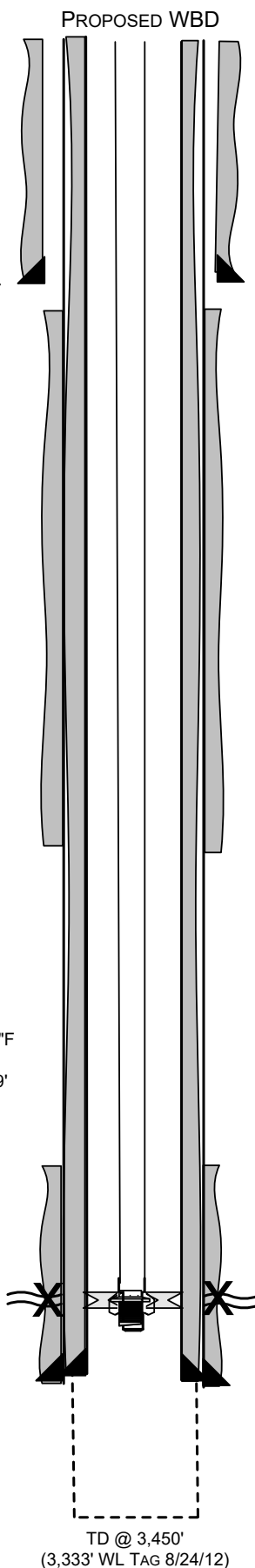
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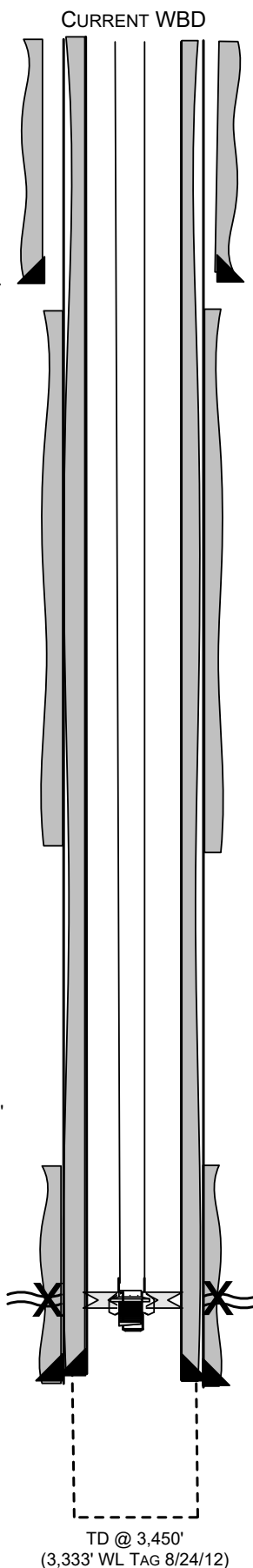
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TOC @ 3,130' (CALC)

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TD @ 3,450'
(3,333' WL TAG 8/24/12)

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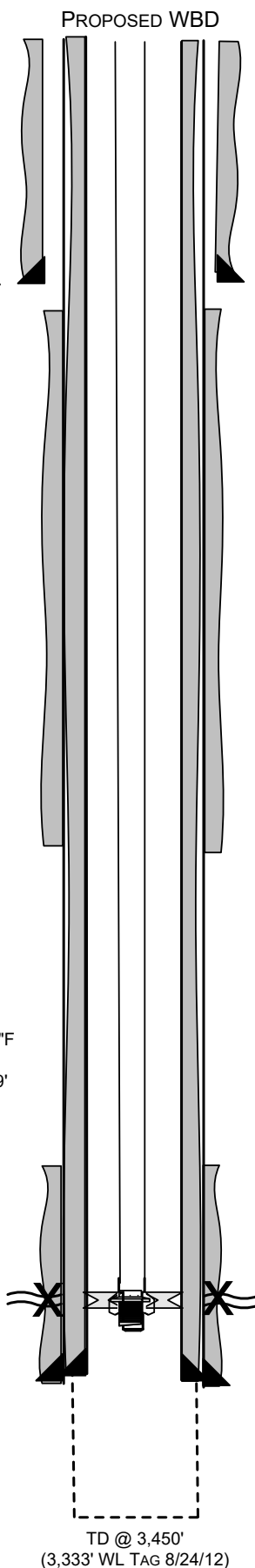
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(3,333' WL TAG 8/24/12)

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 112423

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 112423
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Like approval from BLM	6/9/2022