

## BUREAU OF LAND MANAGEMENT

Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

### Conditions of Approval for Workover/Deepening of a Well

1. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-689-5981
2. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,100 feet, a 3M system for a well not deeper than 13,600 feet, or a 5M system for a well not deeper than 22,700 feet (all depths are for measured well depth).
3. Cement: Notify BLM if cement fails to circulate.
4. Subsequent Reporting: Within 30 days after work is completed, file a Subsequent Report (Form 3160-5) to BLM. The report should give in detail the manner in which the work was carried out. Show date work was completed. If producing a new zone, submit a Completion Report (Form 3160-4) with the Subsequent Report.
5. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.
6. If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken: From March 1<sup>st</sup> through June 15<sup>th</sup> annually, activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted.

<b>Well Name:</b> LOCO HILLS SWD 34	<b>Well Location:</b> T17S / R30E / SEC 34 / NWSE /	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 3	<b>Type of Well:</b> INJECTION - ENHANCED RECOVERY	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM0384574	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3001537270	<b>Well Status:</b> Water Disposal Well	<b>Operator:</b> SPUR ENERGY PARTNERS LLC

**Notice of Intent**

**Sundry ID:** 2711604

**Type of Submission:** Notice of Intent

**Type of Action:** Workover Operations

**Date Sundry Submitted:** 01/19/2023

**Time Sundry Submitted:** 09:08

**Date proposed operation will begin:** 02/01/2023

**Procedure Description:** This well had a leaking master valve and Spur had to hot tap the tubing to relieve the pressure. The valve was replaced, and the well was secured, but there is still the hot tap saddle on the top joint of tubing. There is a risk that this will start leaking if left unaddressed. We are planning to pull the top joint and replace it and return the saddle to Cudd. When we bled the pressure down during this job, the casing did not flow, so we will be able to get a BOP onto the wellhead without kill fluid once it is bled down.

**Surface Disturbance**

**Is any additional surface disturbance proposed?:** No

Well Name: LOCO HILLS SWD 34

Well Location: T17S / R30E / SEC 34 / NWSE /

County or Parish/State: EDDY / NM

Well Number: 3

Type of Well: INJECTION - ENHANCED RECOVERY

Allottee or Tribe Name:

Lease Number: NMNM0384574

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001537270

Well Status: Water Disposal Well

Operator: SPUR ENERGY PARTNERS LLC

Conditions of Approval

Specialist Review

Workover\_or\_Vertical\_Deepen\_COA\_20230210125415.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 19, 2023 09:07 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 Title: Petroleum Engineer

BLM POC Phone: 5752345972

BLM POC Email Address: jshepard@blm.gov

Disposition: Approved

Disposition Date: 02/10/2023

Signature: Jonathon Shepard

**Loco Hills SWD #3**  
 Eddy County, NM  
 API# 30-015-37270  
 AFE – TBD

**Replace Top Joint, Remove Hot Tap**

**Objective**

This well had a leaking master valve and Spur had to hot tap the tubing to relive the pressure. The valve was replaced, and the well was secured, but there is still the hot tap saddle on the top joint of tubing. There is a risk that this will start leaking if left unaddressed. We are planning to pull the top joint and replace it and return the saddle to Cudd. When we bled the pressure down during this job, the casing did not flow, so we will be able to get a BOP onto the wellhead without kill fluid once it is bled down.

**Procedure**

1. **Notification:** Contact the OCD at least 24 hours prior to the commencing of any operations.
2. Source a joint of 3 1/2" L80 polycore tubing - the BKU yard should have some
3. Blow the well down and ensure the casing and tubing are not flowing – they did not flow when we changed the leaking surface valve.
4. Move in rig up pulling unit. MI Vac truck
5. Nipple down wellhead. Nipple up BOP.
6. Release packer.
7. LD top joint of 3-1/2" poly tubing.

**Tubing Detail (9/27/19)**

Current Tubing String									
Tubing Description					Set Depth (ftKB)		Run Date		
Tubing - Production					8,433.0		9/23/2019		
Item Des	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Jts	Cum Len (ft)	Top (ftKB)	Btm (ftKB)
POLY LINED TBG	L-80	9.30	3 1/2	2.99	8,417.98	257	8,432.97	0.0	8,418.0
XO			3 1/2		5.00	1	14.99	8,418.0	8,423.0
On-Off Tool			3 1/2		1.49	1	9.99	8,423.0	8,424.5
2.31 "X" PROFILE			3 1/2		0.33	1	8.50	8,424.5	8,424.8
AS-IX PKR			6 1/8	2.44	7.65	1	8.17	8,424.8	8,432.5
2 7/8 POP			2 7/8		0.52	1	0.52	8,432.5	8,433.0

8. Pick up new joint of 3 1/2" polycore tubing and run into well and latch onto packer.
9. Nipple down BOP. Nipple up wellhead.
10. Rig down pulling unit.

Eddy County, NM  
API# 30-015-37270

17-1/2" HOLE

13-3/8" 48#/54.5# H-40/K-55 @ 440'  
CMT W/ 470 SX  
CIRC TO SURFACE

12-1/4" HOLE

9-5/8" 40# J-55 @ 4,030'  
CMT W/ 1700 SX  
CIRC TO SURFACE

DV TOOL @ 7,580'

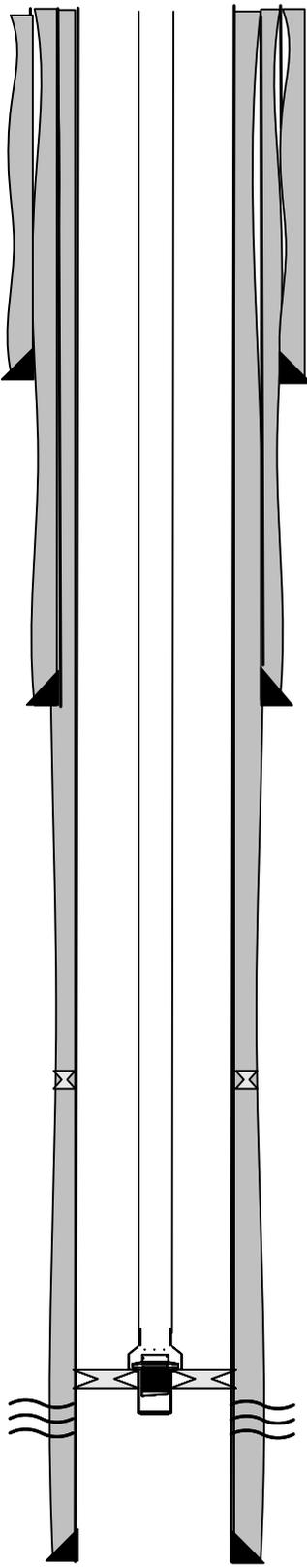
8-3/4" HOLE

7" 26# L-80 @ 9,700'  
1<sup>ST</sup> STAGE: CMT W/ 400 SX  
CIRC 150 SX  
2<sup>ND</sup> STAGE: CMT W/ 880 SX  
CIRC 114 SX TO SURFACE

TUBING DETAIL (09/27/2019)

15' KB  
~257 JTS 3-1/2" POLYCORE TBG  
PACKER @ 8,425'  
2.31 BLANKING PLUG IN PACKER

WOLFCAMP REEF PERFS (8,509' - 9,191') 1/21/10  
754 HOLES



TD @ 9,700'  
PBD @ 9,652'

CIBP @ 9,180'  
W/ 35' CEMENT ON TOP

Eddy County, NM  
API# 30-015-37270

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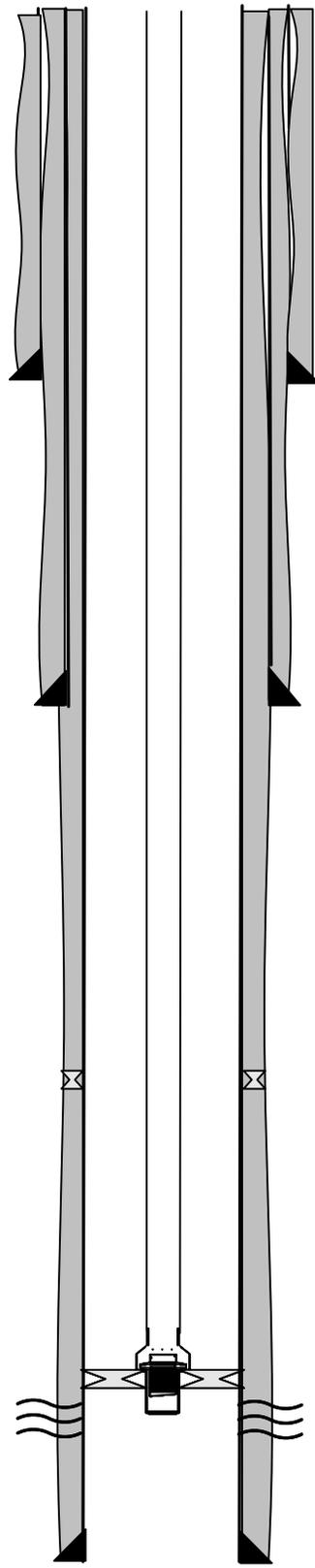
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754 HOLES



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PBTD @ 9,652'

CIBP @ 9,180'  
W/ 35' CEMENT ON TOP

**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 185310

**CONDITIONS**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 185310
	Action Type: [C-103] NOI Workover (C-103G)

**CONDITIONS**

Created By	Condition	Condition Date
mgebremichael	None	2/13/2023