

<b>Well Name:</b> LOCO HILLS SWD 33	<b>Well Location:</b> T17S / R30E / SEC 33 / SESE /	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 4	<b>Type of Well:</b> OTHER	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMLC028936D	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3001537269	<b>Well Status:</b> Water Disposal Well	<b>Operator:</b> SPUR ENERGY PARTNERS LLC

**Notice of Intent**

**Sundry ID:** 2678531

**Type of Submission:** Notice of Intent

**Type of Action:** Workover Operations

**Date Sundry Submitted:** 06/23/2022

**Time Sundry Submitted:** 01:51

**Date proposed operation will begin:** 07/01/2022

**Procedure Description:** This well has a suspected hole in tubing or packer leak due to equalized pressure of 1,700 lbs on the casing and tubing. It is proposed to pull and hydrotest tubing and replace any leaking joints. It is also proposed to run a new packer if a leak is detected. The well was last pulled in 2021 for a hole in tubing; 1 bad joint was found. Packer was not pulled. Please find procedure and WBDs attached for your use.

**Surface Disturbance**

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

**NOI Attachments**

**Procedure Description**

Loco\_Hills\_33\_\_4\_SWD\_\_HIT\_Packer\_Leak\_Procedure\_20220623135105.pdf

Loco\_Hills\_33\_\_4\_WBD\_20220623135105.pdf

Well Name: LOCO HILLS SWD 33

Well Location: T17S / R30E / SEC 33 / SESE /

County or Parish/State: EDDY / NM

Well Number: 4

Type of Well: OTHER

Allottee or Tribe Name:

Lease Number: NMLC028936D

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001537269

Well Status: Water Disposal Well

Operator: SPUR ENERGY PARTNERS LLC

Conditions of Approval

Specialist Review

Workover\_or\_Vertical\_Deepen\_COA\_20220705155440.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: JUN 23, 2022 01:51 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: 07/05/2022

Signature: Jonathon Shepard

Accepted for Record

PRG

## 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.

**LOCO HILLS SWD #4**

API# 30-015-37269

Laurel Marsh 832-646-8568

**Hole in Tubing / Packer Leak Procedure**

**Objective**

This well has a suspected hole in tubing or packer leak due to equalized pressure of 1,700 lbs on the casing and tubing. It is proposed to pull and hydrotest tubing and replace any leaking joints. It is also proposed to run a new packer if a leak is detected. The well was last pulled in 2021 for a hole in tubing; 1 bad joint was found. Packer was not pulled.

**Summary**

- RIH w/ plug on slickline and test tbg to 1,000 psi
- If tubing does not test, get off O/O tool and POOH
- If tubing does test, POOH with tubing and packer
- RBIH while hydrotesting tubing to 5,000 lbs below slips
- Set packer, get off O/O tool, circulate packer fluid and test backside to 500 psi for 15 minutes

**Procedure**

1. **Notification:** Contact the appropriate BLM and OCD office at least 24 hours prior to the commencing of any operations.
2. MIRU SLU
3. RIH w gauge ring. POOH.
4. RIH w/ 2.31" R plug and set in profile nipple @ +/- 8,466'. POOH.
5. RDMO SLU
6. Test tubing to 1,000 psi. If pressure on tubing and casing equalize, pull just tubing. If tubing pressure holds, pull tubing and packer.
7. Move in rig up pulling unit
8. Nipple up BOP.
  - If tubing failed, Release O/O Tool Overshot & POOH w/ 3-1/2" L-80 tubing.
  - If Packer failed POOH w/ 3-1/2" L-80 tubing and packer.

Tubing Description		Set Depth (ftKB)		Run Date								
Production Tubing		8,481.0		3/31/2010								
Tubing Components												
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Top Connection Type	Len (ft)	Cum Len (ft)	Top (ftKB)	Btm (ftKB)	Incl Max (°)
								12.96	8,481.00	0.0	13.0	
269	TUBING	3 1/2	2.99	9.30	L-80	8RND		8,451.90	8,468.04	13.0	8,464.9	
	ON/OFF TOOL	2 7/8						1.50	16.14	8,464.9	8,466.4	0.62
	NO-GO NIPPLE	2 7/8						1.00	14.64	8,466.4	8,467.4	0.62
	PRODUCTION PACKER	7						6.10	13.64	8,467.4	8,473.5	0.62
	PUP JOINT	2 7/8						6.00	7.54	8,473.5	8,479.5	0.62
	NO-GO NIPPLE	2 7/8						1.00	1.54	8,479.5	8,480.5	0.62
	WIRELINE RE-ENTRY GUIDE	2 7/8						0.54	0.54	8,480.5	8,481.0	0.62

9. RBIH hydrotesting to 5k below the slips. Replace any failed joints w new. If packer was leaking, replace with new 2-7/8 10K Arrowset packer.
10. Engage on/off tool and pressure test casing to 1,000 psi for 15 min
11. Get off on/off tool. Circulate packer fluid
12. Nipple up wellhead. Pressure up on tubing and pump out plug.
13. Rig down pulling unit.
14. Notify BLM & NMOCD to witness MIT.
  - a) Loco Hills Sr Foreman: JP Hermes - 575.703.6218
  - b) BKU SWD Tech: Brian Thompson - 575.703.4565
  - c) SWD Foreman: Hilario Jimenez - 575.703.4925

API #	30-015-37269	<b>LOCO HILLS SWD 33 #4</b>	County, ST	Eddy County, NM
Operator	Spur Energy Partners		Sec-Twn-Rng	
Field	Empire; Glorieta-Yeso, East		Footage	
Spud Date	1/13/2010		Lat Long	32.7860756 / -103.9705276

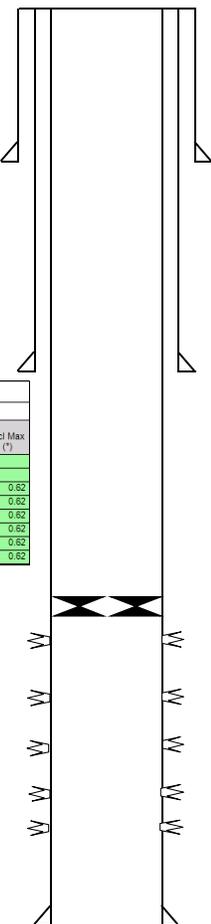
Csg Depth	440
Size	13-3/8"
Weight	48
Grade	H-40
Cement	740 sxs

Csg Depth	4025
Size	9-5/8"
Weight	40
Grade	K-55
Cement	1600 sxs

Item Description	Set Depth (ft)	Run Date
Production Tubing	8,481.0	3/31/2010

Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Top Connection Type	Len (ft)	Cum Len (ft)	Top (ftKE)	Btm (ftKB)	Incl Max (°)
289	TUBING	3 1/2	2.99	9.30	L-80	BRND		12.96	8,481.00	0.0	13.0	
	ON/OFF TOOL	2 7/8						1.50	16.14	8,464.9	8,466.4	0.62
	NO-GO NIPPLE	2 7/8						1.00	14.64	8,466.4	8,467.4	0.62
	PRODUCTION PACKER	7						6.10	13.64	8,467.4	8,473.5	0.62
	PUP JOINT	2 7/8						6.00	7.64	8,473.5	8,479.5	0.62
	NO-GO NIPPLE	2 7/8						1.00	1.64	8,479.5	8,480.5	0.62
	WIRELINE RE-ENTRY GUIDE	2 7/8						0.54	0.54	8,480.5	8,481.0	0.62



10k Arrowset Packer @ 8,467'

Perforations  
8540'-9250'

Csg Depth	9700
Size	7"
Weight	26
Grade	P-110
Cement	1250 sxs

Last Update	6/23/2022
By	L. Marsh

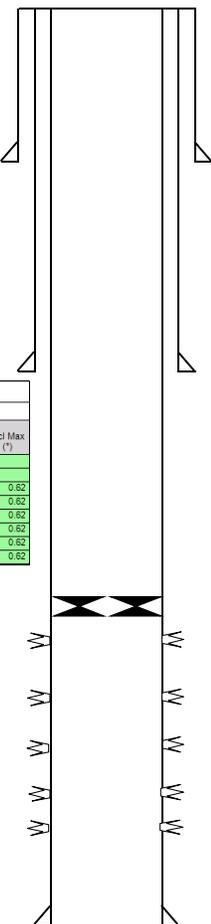
PBTD	
TD MD	9700'
TD TVD	9700'

API #	30-015-37269	<b>LOCO HILLS SWD 33 #4</b>	County, ST	Eddy County, NM
Operator	Spur Energy Partners		Sec-Twn-Rng	
Field	Empire; Glorieta-Yeso, East		Footage	
Spud Date	1/13/2010		Lat Long	32.7860756 / -103.9705276

Csg Depth	440
Size	13-3/8"
Weight	48
Grade	H-40
Cement	740 sxs

Csg Depth	4025
Size	9-5/8"
Weight	40
Grade	K-55
Cement	1600 sxs

Tubing Description		Set Depth (ft)		Run Date								
Production Tubing		8,481.0		3/31/2010								
Tubing Components												
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Top Connection Type	Len (ft)	Cum Len (ft)	Top (ftKE)	Btm (ftKB)	Incl Max (°)
289	TUBING	3 1/2	2.99	9.30	L-80	BRND		12.96	8,481.00	0.0	13.0	
	ON/OFF TOOL	2 7/8						1.50	16.14	8,464.9	8,466.4	0.62
	NO-GO NIPPLE	2 7/8						1.00	14.64	8,466.4	8,467.4	0.62
	PRODUCTION PACKER	7						6.10	13.64	8,467.4	8,473.5	0.62
	PUP JOINT	2 7/8						6.00	7.64	8,473.5	8,479.5	0.62
	NO-GO NIPPLE	2 7/8						1.00	1.64	8,479.5	8,480.5	0.62
	WIRELINE RE-ENTRY GUIDE	2 7/8						0.54	0.54	8,480.5	8,481.0	0.62



10k Arrowset Packer @ 8,467'

Perforations  
8540'-9250'

Csg Depth	9700
Size	7"
Weight	26
Grade	P-110
Cement	1250 sxs

Last Update	6/23/2022
By	L. Marsh

PBTD	
TD MD	9700'
TD TVD	9700'

**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 122936

**CONDITIONS**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 122936
	Action Type: [C-103] NOI Workover (C-103G)

**CONDITIONS**

Created By	Condition	Condition Date
pgoetze	Operator shall provide notice to the OCD 48 hours in advance of conducting the required MIT for the opportunity to witness the test..	7/13/2022