

Well Name: LOCO HILLS SWD 33	Well Location: T17S / R30E / SEC 33 / SWNE /	County or Parish/State: EDDY / NM
Well Number: 6	Type of Well: INJECTION - ENHANCED RECOVERY	Allottee or Tribe Name:
Lease Number: NMNM0558581	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001539478	Well Status: Water Disposal Well	Operator: SPUR ENERGY PARTNERS LLC

Notice of Intent

Sundry ID: 2656004

Type of Submission: Notice of Intent	Type of Action: Workover Operations
Date Sundry Submitted: 02/07/2022	Time Sundry Submitted: 04:17
Date proposed operation will begin: 02/10/2022	

**Procedure Description:** Attached is a WBD for the Loco Hills 33 #6 SWD and a procedure. We are pulling it to replace a leaking packer / hole in tubing and will be running back in with the same design and setting the packer within 50' of its current depth.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Loco\_Hills\_33\_6\_\_HIT\_or\_Packer\_LeakProcedure\_20220207161656.pdf
- Loco\_Hills\_33\_6\_WBD\_20220207161656.pdf

Received by OCD: 2/24/2022 12:12:41 PM

Page 2 of 10

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Conditions of Approval

Specialist Review

Workover\_or\_Vertical\_Deepen\_COA\_20220224113019.pdf

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: SARAH CHAPMAN	Signed on: FEB 07, 2022 04:17 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

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: 02/24/2022
Signature: Jonathon Shepard	

## 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 33 #6**

HIT or Packer Leak

AFE -

Laurel Marsh 832-646-8568

NW Shelf  
Eddy County, NM**OBJECTIVES**

The Loco Hills SWD 33 # 6 is unable to hold pressure, indicating a hole in tubing or a leaking packer.

- 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 6,000 lbs below slips
- Set packer, get off O/O tool, circulate packer fluid and test backside to 500 psi for 15 minutes

**Current Tubing Detail**

Tubing Strings											
Tubing Description Production Tubing						Set Depth (ftKB) 8,371.4		Run Date 2/18/2012			
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)
	KELLY BUSHING							13.00	8,371.41	0.0	13.0
1	TUBING	3 1/2	2.65	9.30	J55			32.55	8,358.41	13.0	45.6
	PUP JOINT	3 1/2	2.65	9.30	J55			10.15	8,325.86	45.6	55.7
255	TUBING	3 1/2	2.65	9.30	J55			8,297.21	8,315.71	55.7	8,352.9
	CROSS OVER DOWN	3 1/2						0.53	18.50	8,352.9	8,353.4
	ON/OFF TOOL	5 7/8						1.48	17.97	8,353.4	8,354.9
	F NIPPLE							1.00	16.49	8,354.9	8,355.9
	PRODUCTION PACKER	5 7/8	2.44					8.23	15.49	8,355.9	8,364.2
	PUP JOINT	2 7/8	2.50	6.70	N-80			5.79	7.26	8,364.2	8,369.9
	R NIPPLE	3.668	2.25					1.00	1.47	8,369.9	8,370.9
	PUMP OUT PLUG	3 5/8	2.50					0.47	0.47	8,370.9	8,371.4

WIRELINE. TIH W/ 5.95 GAUGE RING 8370'. TOH. TIH W/ PUMP OUT PLUG, 2.31 R NIPPLE, 6' 2 7/8 NICKEL COATED SUB, 10K ARROWSET PACKER, 2.31 F NIPPLE, ON OFF TOOL AND SETTING TOOL. SET PACKER AT 8350'. TOP PERF IS 8392'.

**PROCEDURE**

Spur Energy Partners LLC is committed to providing a safe working environment for all personnel. A safety meeting will be held prior to commencing each operation in order to define/clarify objectives, roles and responsibilities, identify all potential risk/hazards and establish a work procedure that is safe and environmentally sound. Meetings are to be documented on the reports returned to Spur Energy Partners LLC.

**PERFORM SAFETY CHECKS AND SAFETY MEETING**

1. Perform a safety meeting prior to rigging up ANY equipment on location. Discuss the job procedure and objective with all personnel on location. Document the safety meeting on the daily report sent to Spur. Make note of all potential risks/hazards, and clearly identify an emergency route and emergency vehicle. Also make note of any new or inexperienced personnel on location. Ensure proper Personal Protective Equipment (PPE) is used during the job. Minimums are hard hats, steel toes, safety glasses, H<sub>2</sub>S monitors, and FR certified clothing as required. Designate a smoking area off location and 100' from any potential hydrocarbons.

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### REPORTING STANDARDS

1. Communicate with the Spur Workovers group at a minimum of every 2 hrs including any critical operations.
2. Record **ALL** costs and input into WellView. If you are unable to get the cost from the vendor, use an estimate and put in the comments that it is an estimated cost.

### MIRU WOR AND SL Unit

1. Shut-in the well on the flowlines. Ensure that the H-Pump is shut off. Check the pressure on the tubing, production casing, & surface casing and record in WellView.
3. MIRU workover rig and kill truck.
4. Bull-head the minimum amount of **Fresh Water (8.33 ppg)** down the tubing to maintain safe control of the well.
  - a) **Treat all fluid pumped into the well with 5 gals biocide per 130 bbls fresh water.**
  - b) Ensure that the well is dead. If tubing pressures up, test the tubing to 500 psi for 5 minutes.
  - c) Record the volume of fluid pumped in WellView.
5. RIH w/ F profile nipple and set in packer profile. **2.31 F Nipple.**
6. Pressure up on the tubing to 1000 psi and note any leakoff
7. If tubing does not hold get off the O/O tool **(It is a T-2 tool but well files are unclear)**
8. If tubing holds, unset the packer and POOH

### RIH w/ 3-1/2" IPC TUBING (AND PACKER IF TUBING TESTED GOOD)

9. MI 3-1/2" IPC from the BKU yard to replace bad joints as needed
10. RU 3-1/2" tubing tongs and elevators.
11. MIRU tubing testers and pressure test the tubing RIH to 6,000 psi Below Slips.
  - a) Ensure tubing is loaded with FW while testing in to maintain control of the well.
12. RIH with the tubing as shown in the **TUBING DESIGN ON PAGE 1.**

13. Set the packer at +/- 8,355' (No change to packer depth)
14. Get off the O/O tool and circulate packer fluid
15. Latch back onto the O/O tool and test the backside to 500 psi for 15 Minutes
16. Inform the Foreman that the work has been completed and the well is ready to resume injection.
  - a) SWD Foreman: Hilario Jimenez - 575.703.4925
  - b) Loco Hills Sr Foreman: JP Hermes - 575.703.6218
  - c) Loco Hills SWD Tech: Brian Thompson - 575.703.4565

API #	30-015-39478	<b>LOCO HILLS SWD 33 #6</b>	County, ST	Eddy County, NM
Operator	Spur Energy Partners		Sec-Twn-Rng	G-33-17S-30E
Field	Empire; Glorieta-Yeso, East		Footage	
Spud Date	12/17/2011		Lat Long	32.7922211, -103.9753723

Csg Depth	360
Size	13-3/8"
Weight	48
Grade	J55
Connections	STC
Cement	625 sx

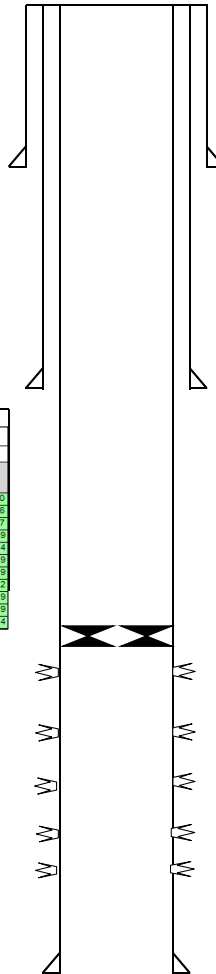
Csg Depth	4026
Size	9-5/8"
Weight	40
Grade	J55
Connections	LTC
Cement	850

Current Tbg Detail											
Job Description		Production Tubing				Gr Depth (ft)		Run Date			
						8,371.4		2/18/2012			
Tubing Components											
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	KELLY BUSHING							13.00	8,371.41	0.0	13.00
1	TUBING	3 1/2	2.66	9.30	J55			32.55	8,358.41	13.0	45.5
	PUP JOINT	3 1/2	2.66	9.30	J55			10.16	8,325.96	45.6	55.7
256	TUBING	3 1/2	2.66	9.30	J55			8,297.21	8,316.71	55.7	8,362.9
	CROSS OVER DOWN	3 1/2						0.63	18.50	8,362.9	8,363.4
	ON/OFF TOOL	6 7/8						1.48	17.97	8,353.4	8,354.9
	F NIPPLE							1.00	16.49	8,354.9	8,355.9
	PRODUCTION PACKER	6 7/8	2.44					8.23	15.49	8,355.9	8,364.2
	PUP JOINT	2 7/8	2.50	6.70	N-80			5.79	7.25	8,364.2	8,369.9
	R NIPPLE	3.668	2.25					1.00	1.47	8,369.9	8,370.9
	PUMP OUT PLUG	3 5/8	2.50					0.47	0.47	8,370.9	8,371.4

Last Update	2/7/2022
By	L. Marsh

Csg Depth	9562
Size	7"
Weight	17
Grade	J55
Connections	LTC
Cement	1163

PBTD	9474'
TD MD	9562'
TD TVD	9562'



10k Arrowset Packer @ 8,355'

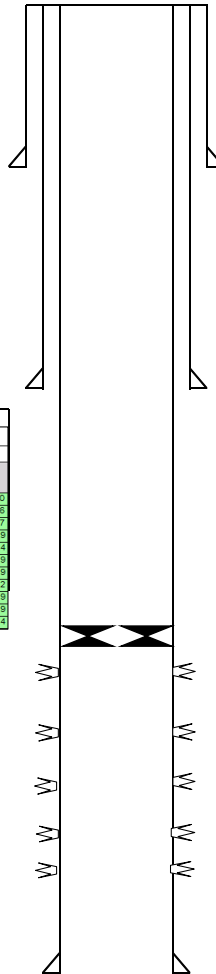
Perforations  
8392'-9069'

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	PUP JOINT	3 1/2	2.66	9.30	J55			10.16	8,325.96	45.6	55.7
256	TUBING	3 1/2	2.66	9.30	J55			8,297.21	8,316.71	55.7	8,362.9
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8392'-9069'

Last Update	2/7/2022
By	L. Marsh

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Weight	17
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Cement	1163

PBTD	9474'
TD MD	9562'
TD TVD	9562'



**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**

COMMENTS  
  
Action 83987

COMMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 83987
	Action Type: [C-103] NOI Workover (C-103G)

COMMENTS

Created By	Comment	Comment Date
drose	UIC	3/3/2022

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
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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 83987

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 83987
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
drose	None	3/3/2022