

#### **Notice of Intent**

Sundry ID: 2859879

Type of Submission: Notice of Intent

Date Sundry Submitted: 06/25/2025

Type of Action: Workover Operations

Time Sundry Submitted: 05:25

Date proposed operation will begin: 07/01/2025

**Procedure Description:** Hilcorp Energy Company is requesting approval to repair the bradenhead on the subject well per the attached procedure.

# **Surface Disturbance**

Is any additional surface disturbance proposed?: No

## **NOI Attachments**

**Procedure Description** 

Zachry\_55\_\_\_BH\_Repair\_NOI\_20250625052525.pdf

Received by OCD: 6/25/2025 9:35:11 AM Well Name: ZACHRY	Well Location: T28N / R10W / SEC 11 / SWSE / 36.671844 / -107.862717	County or Parish/State: SAN Page 2 of 7 JUAN / NM
Well Number: 55	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMSF080724A	Unit or CA Name:	Unit or CA Number:
<b>US Well Number:</b> 3004525650	<b>Operator:</b> HILCORP ENERGY COMPANY	

## 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: PRISCILLA SHORTY** 

State: NM

State:

Name: HILCORP ENERGY COMPANY

Title: Regulatory Technician

Street Address: 382 ROAD 3100

City: AZTEC

**Phone:** (505) 324-5188

Email address: PSHORTY@HILCORP.COM

#### Field

Representative Name:

Street Address:

City:

Phone:

ione:

Email address:

Zip:

BLM POC Title: Petroleum Engineer

Disposition Date: 06/25/2025

BLM POC Email Address: krennick@blm.gov

Signed on: JUN 25, 2025 05:25 AM

## **BLM Point of Contact**

BLM POC Name: KENNETH G RENNICK

BLM POC Phone: 5055647742

**Disposition:** Approved

Signature: Kenneth Rennick

Released to Imaging: 6/30/2025 10:44:51 AM

## **Proposed BH Directive Repair Procedure - NOI**

## Zachry #55

## API # - 30-045-25650

#### Procedure:

Hold PJSM prior to beginning any and all operations. Properly document all operations via the JSA process. Ensure that all personnel onsite abide by HEC safety protocol, including PPE, housekeeping, and standard guidelines.

Verify cathodic protection is off and wellhead instrumentation is properly disconnected from the wellhead. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.

Verify there is no H2S present prior to beginning operations. If any H2S is present, take the necessary actions to ensure that the location is safe prior to beginning operations.

Observe and record pressures across all string daily, prior to beginning operations. **Notify NMOCD 24 hours prior to starting operations on location.** 

- 1. Verify all wellhead valves are operatable.
- 2. Move onto well location with workover rig. Check well pressures on all casing strings and record (daily).
- 3. Check well for H2S and blow down well as necessary.
- 4. RD wellhead and RU BOPs. Function test BOP pipe rams and blind rams.
- 5. Release tbg hanger and TOOH with the 2 3/8" prod tbg.
- 6. RIH with 4.5" RBP. Set RBP within 50ft above the Gallup top perf at 5323'.
- 7. MIT from surface to RBP to 500psi to ensure no leaks. Chart and record test.
- 8. If well does not pass MIT, RIH w/ test packer and identify leaking interval, remediate, and reperform MIT. Perform Bradenhead test to ensure pressure has been eliminated.
- 9. If well does pass MIT, RU Wireline and run CBL from RBP to determine TOC and potential source of Bradenhead pressure. Confer with regulatory agencies on path forward to remediate Bradenhead pressure.
- 10. If cement squeeze remediation is performed, MIT wellbore from surface to RBP to 500 PSI. Chart and record test.
- 11. Bleed off Bradenhead pressure to ensure source of gas has been isolated from the Surface Casing. If Bradenhead pressure is not eliminated, monitor for 90 days.
- 12. Retrieve RBP. Pull OOH.
- 13. TIH with tubing and RTP well

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	ame: a	ZACHRY #55					
970WI 0045256	650	Surface Legal Location 011-028N-010W-O	Field Name ARMENTA GALLUP	Route 0707		State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5,604.00		Original KB/RT Elevation (ft) 5.618.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 14.00		KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
ubing S		5,010.00		14.00			
in Date /17/1983	3 00:00	Set Depth (ftKB) 5,762.16	String Max Nominal OD (in) 2 3/8	String Min Nomi 1.87	nal ID (In)	Weight/Length (lb/tt) 4.70	Original Spud Date 4/18/1983 00:00
		-	Original H	lole, ZACHR	Y 55		·
MD (ftKB)	TVD (ftKB)		5	Vertical scheme			
		4.0ftKB, 1/4/2013, Well conv	erted to a plunger	ene dathailt an birni air. Brod		Surface Casing Cem	ent, Casing, 4/17/1983
14.1 -		lift sometime before 8/23/				00:00; 14.00-294.91;	1983-04-17; Cemented w
294.0 -			rec			250 sks Class B w/ 3 Circulate 7 BBLS cm	
294.9							B; 9 5/8 in; 8.92 in; 36.00
299.9 -						lb/ft; 14.00 ftKB; 294	.91 ftKB
600.1 -		OJO ALAMO (OJO ALAMO (	inal)) ————				g Cement, Casing, 4/29/19
839.9		KIRTLAND (KIRTLAND (final	))			w/ 300 sks 65/35 Po	0; 1983-04-29; Cemented vz 12% gel, 12 1/4#
1,500.0 -		FRUITLAND (FRUITLAND (fi	nal))			gilsonite/sk & 1/4#	flocele/sk tail w/ 100 sks
1,810.0 -		PICTURED CLIFFS (PICTURE	D CLIFFS (final))			Class B w/ 2% CaCl2 Circ 12 BBLS cmt to	
1,890.1		LEWIS (LEWIS (final))				ene ne boes enre to	
2.098.8 -							
2.101.7 -							
2,399.9		CHACRA (CHACRA (final))-					
2,577.1 -		2 3/8in, Tubing; 2 3/8 in; 4.7	'0 lb/ft; K-55; 13.99 ftKB; 5,697.92 ftKB				g Cement, Casing, 4/29/19
3,480.0 -			11KD; 5,097.92 11KD			00:00; 2,577.00-5,220 Cemented w/ 350 sl	6.93; 1983-04-29; ks 65/35 Poz 12% gel, 12
4,060.0		POINT LOOKOUT (POINT LO	OKOUT (final))			1/4# gilsonite/sk &	1/4# flocele/sk tail w/ 100
4,220.1 -		MANCOS (MANCOS (final))			<u> </u>	sks Class B 2% CaCl Cmt @ 2577 (75% C	
5,013.1 -		5,013.0ftKB, 5/6/1983, Top	of Gold Seal Liner Hanger @ 5013			cint @ 2511 (15% c	aicj
5,023.0 -			nanger @ 5015		H 🛞		
5,023.3							
5,180,1 -							
5,181.1 -							
5.226.0							
						-	226.93ftKB; 7 in; 6.37 in;
5,227.0 -						23.00 lb/ft; 14.07 ftK 5323-5904ftKB on 6	B; 5,226.93 πKB /12/1983 00:00 (PERF -
5,230.0						GALLUP); 1983-06-1	2
5,319.9		GALLUP (GALLUP (final))					Cement, Casing, 5/6/1983
5,323.2 -		2 3/8in, Seat Nipple; 2 3/8	in; 4.70 lb/ft; K-55; ftKB: 5.699.02 ftKB			00:00; 5,230.00-6,00 Cemented w/ 180 sl	3.80; 1983-05-06; ks 50/50 Poz w/ 2% gel, .6
5,697.8 -		2 3/8in, Perforated Joint; 2	· · · · · · · · · · · · · · · · · · ·			FLA, 1/4# flocele/sk	&10# salt/sk
5,699.1 -		55; 5,699.02	ftKB; 5,730.56 ftKB			Reverse circ. Circula TOC @ 5230 (CBL 6/	
5,730.6 -		2 3/8in, Tubing; 2 3/8				100 @ 3230 (CDL 0/	12/03/
5,761.2 -		2 3/8in, Bull Plug; 2 3/8	ftKB; 5,761.16 ftKB				
5,762.1 -			ftKB; 5,762.16 ftKB				
5,903.9						-	Cement, Casing, 5/6/1983 0-6,003.80; 1983-05-06;
5.958.7							0-6,005.80; 1983-05-06; ks 50/50 Poz w/ 2% gel, .6
		Comort Di	ug (PBTD); 5,960.00			FLA, 1/4# flocele/sk	&10# salt/sk
5,960.0		Cement PI	ug (PDTD); 5,900.00			— Reverse circ. Circula TOC @ 5230 (CBL 6/	te 5 BBLS to surface (12/83)
6,003.0							3.80ftKB; 4 1/2 in; 4.00 in;
6,003.9							ftKB; 6,003.80 ftKB

#### **Priscilla Shorty**

From:Priscilla ShortySent:Tuesday, June 17, 2025 11:09 AMTo:McFall, Samantha, EMNRD; Farmington Regulatory TechsCc:Vermersch, Thomas, EMNRDSubject:RE: [EXTERNAL] Zachry 55 30-045-25650

Samantha ~

This has been sent to the Engineering Team.

Thanks,

Priscilla Shorty Operations Regulatory Technician Hilcorp Energy Company 505-324-5188 pshorty@hilcorp.com

From: McFall, Samantha, EMNRD <SamanthaJ.McFall@emnrd.nm.gov>
Sent: Tuesday, June 17, 2025 8:40 AM
To: Farmington Regulatory Techs <farmingtonregulatorytechs@hilcorp.com>
Cc: Vermersch, Thomas, EMNRD <Thomas.Vermersch@emnrd.nm.gov>
Subject: [EXTERNAL] Zachry 55 30-045-25650

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

A bradenhead test was witnessed by Deputy Oil and Gas Inspector Thomas Vermersch June 11, 2024.

The bradenhead test showed

2024 Tubing- 79 CSG- 82 BH- 85 5 min SI- 86 The well had a constant flow for full 30 minute test

Previous tests 2015 Tubing-161 CSG-82 BH-0

2012

CSG-47 BH-47

A gas analysis and wellbore schematic have been received in 2024. Gas appears to be the same on production casing and bradenhead.

In order to comply with Rule 19.15.16.11, prevent waste and protect fresh water, Hilcorp Energy Company is directed to find source of gas and fix or plug within 90 days of the date of this email.

If you have any questions, please let me know.

Thank you

Samantha McFall Compliance Officer Oil Conservation Division Energy, Minerals, & Natural Resources Cell Phone: (505) 204-5622 Email: samanthaj.mcfall@emnrd.nm.gov Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	478726
	Action Type:
	[C-103] NOI Workover (C-103G)
CONDITIONS	

CONDITIONS	Inditions					
Created By		Condition Date				
andrew.fordyce	None	6/30/2025				

CONDITIONS

Action 478726

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