

U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

<b>Well Name:</b> HUBBELL	<b>Well Location:</b> T29N / R10W / SEC 18 / SENE / 36.72891 / -107.91968	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 3E	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF078716A	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3004523881	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> HILCORP ENERGY COMPANY

### Subsequent Report

**Sundry ID:** 2776941

**Type of Submission:** Subsequent Report

**Type of Action:** Workover Operations

**Date Sundry Submitted:** 02/27/2024

**Time Sundry Submitted:** 01:31

**Date Operation Actually Began:** 02/14/2024

**Actual Procedure:** Hilcorp Energy has repaired the bradenhead on the subject well per the attached daily operations report. HEC will monitor the BH pressure monthly for 90 days, the pressures will be sent to BLM and NMOCD as instructed in the attached email.

### SR Attachments

#### Actual Procedure

Hubbell\_\_3E\_SR\_BLM\_Submitted\_20240227133005.pdf

Well Name: HUBBELL

Well Location: T29N / R10W / SEC 18 /  
SENE / 36.72891 / -107.91968County or Parish/State: SAN  
JUAN / NM

Well Number: 3E

Type of Well: CONVENTIONAL GAS  
WELL

Allottee or Tribe Name:

Lease Number: NMSF078716A

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004523881

Well Status: Producing Gas Well

Operator: 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

Signed on: FEB 27, 2024 01:31 PM

Name: HILCORP ENERGY COMPANY

Title: Regulatory Technician

Street Address: 382 ROAD 3100

City: AZTEC

State: NM

Phone: (505) 324-5188

Email address: PSHORTY@HILCORP.COM

**Field**

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

**BLM Point of Contact**

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 02/27/2024

Signature: Matthew Kade

HUBBELL 3E

30.045.23881

BRADENHEAD REPAIR

**2/14/2024** – MIRU. CK PRESSURES. SITP 41#, SICP 50#, SIBH 125#. BD 3 MIN. ND WH, NU BOP, RU FLOOR. PULL TBG HANGER. INSTALL STRIPPER RUBGER. TAG FILL @ 6590', 29' FILL, PBTD @ 6619. TOOH INSPECTION TBG. MU BHA W/ STRING MILL & BIT. TIH TO 3890', NO ISSUES. MU 4-1/2" CIBP, TIH AND SET @ 3940'. PT 4-1/2" CSG FROM 3940' TO SURFACE. BH 120#. PT GOOD. SDFN.

**2/15/2024** – CK PRESSURES. SITP 0#, SICP 0#, SIBH 50#. BD 0 MIN. **HEC ENGINEER SENT MONICA KUEHLING, NMOCD, AND KENNY RENNICK, BLM, AN EMAIL ABOUT THE PATH FORWARD TO PERFORATE @ 820', PUMP REMEDIAL CMT SQUEEZE TARGETING 50' ABOVE THE KIRTLAND, WOC, DO CMT TO CIBP, PERFORM WITNESSED MIT. PERFORM BH TEST TO ENSURE PRESSURE HAS BEEN ELIMINATED. DO CIBP, CO TO PBTD, RUN PROD TBG, AND RTP. TOH W/ TBG. LD SETTING TOOL. ND STRIPPING HEAD. NU WRLN LUBRICATOR AND PACK OFF. RU WIRELINE. RIH AND RUN CBL FROM 1000' TO 0'. RIH AND PERF SQUEEZE HOLES AT 820'. POH. RD WIRELINE. ND WRLN LUBRICATOR AND PACK OFF. NU STRIPPING HEAD. EST CIRC DOWN CSG AND OUT BH W/ 10 BBLS. EST FULL RETURNS. TIH. RU CMT CREW. MIX AND PUMP BALANCED PLUG W/ 28 SX, 32.2 CUFT, 1.15 YIELD, 15.8 PPG, 5.6 BBL SLURRY, TYPE G CMT FROM 498' TO 850' INSIDE 4-1/2" CSG. TOH. SQUEEZED 4 BBLS OUTSIDE 4-1/2" CSG. RD CMT CREW. SDFN.**

**2/19/2024** - CK PRESSURES. SITP 0#, SICP 0#, SIBH 22#. BD 0 MIN. PU BLADE BIT, TIH & TAG CMT AT 800'. PU SWIVEL. DO CMT FROM 800' TO 850'. PT CSG TO 560 PSI. LOST 100 PSI/MIN. **HEC ENGINEER EMAILED KENNY RENNICK, BLM, AND MONICA KUEHLING, NMOCD, WITH A PLAN FORWARD; HOWEVER, DUE TO THE FAILED PT, HEC WILL REMEDIATE THE WELL.** LD SWIVEL. TOOH. RU WIRELINE. RUN CBL FROM 1000' TO SURFACE. PU 4-1/2" AS1-X PKR. TIH AND SET PKR @ 865'. PT CSG FROM 865' TO 3490' TO 560 PSI, GOOD. UNSET PKR. TOOH W/ TBG, LD PKR. WO CMT CREW. SDFN.

**2/20/2024** - CK PRESSURES. SITP 0#, SICP 0#, SIBH 18#. BD 0 MIN. RU CEMENTERS. **MIX AND PUMP BALANCED PLUG W/ 17 SX, 13.6 CU FT, 0.80 YIELD, 13.0 PPG, 2.4 BBL SLURRY, MICRO FINE CMT FROM 699' TO 850' INSIDE 4-1/2" CSG.** TOH W/ TBG. HESITATE SQUEEZE 1/2 BBL OUT OF CSG. RD CEMENTERS. HOLD 600 PSI ON CSG. WOC FOR 48 HRS. SDFN.

**2/22/2024** - CK PRESSURES. SITP 0#, SICP 0#, SIBH 48#. BD 0 MIN. PU 3-7/8" BLADE BIT. TIH W/ DRILL COLLARS & TUBING. DID NOT TAG CMT. TOH. LD BIT BLADE. PT CSG TO 560 PSI (GOOD). RU WELLCHECK. CONDUCT MIT ON CSG FROM 0' TO 3940' TO 560 PSI. **MIT WITNESSED AND PASSED BY JOHN DURHAM, NMOCD.** RD WELLCHECK. PU 3-7/8' JUNK MILL. TIH W/ DRILL COLLARS & TBG. KI AIR AND UNLOAD CSG AT 1500'. TAG CIBP @ 3940'. PU SWIVEL. KI AIR AND ATTEMPT TO EST CIRC. PRESSURED UP TO 1800 PSI. BLEED OFF PRESSURE. LD SWIVEL. KI AIR AND UNLOAD CSG @ 3127'. TIH W/ TBG. PU SWIVEL. KI ATTEMPT TO EST CIRC. PRESSURED UP TO 1800 PSI. BLEED OFF PRESSURE. LD SWIVEL. KI AIR AND ATTEMPT AND ATTEMPT TO EST CIRC. PRESSURED UP TO 1800 PSI. BLEED DOWN PRESSURE. TOH W/ TUBING & DRILL COLLARS JUNK MILL PLUGGED W/ CMT. UNPLUGGED BHA. TIH W/ BHA, DRILL COLLARS. PUMPED DOWN TBG. TIH TO 3888'. KI AIR AND ATTEMPT TO EST CIRC, PRESSURED UP. TOH W/ TBG. JUNK MILL PLUGGED W/ CMT. PUMPED DOWN TBG. TBG CLEAR. TIH TO 3888'. KI AIR AND ATTEMPT TO EST CIRC. PRESSURED UP TO 1800 PSI. BLEED DOWN PRESSURE. TOH W/ TBG & DRILL COLLARS. JUNK MILL PLUGGED W/ CMT. UNPLUGGED BHA. SDFN.

**2/23/2024** - CK PRESSURES. SITP 0#, SICP 0#, SIBH 18#. BD 0 MIN. PU 3-7/8" SEALED BEARING CONE BIT. TIH W/ DRILL COLLARS & TBG. STAGED IN HOLE UNLOAD WELL AT 1917', 3383', & 3702'. TIH AND PU SWIVEL. KI AIR/MIST & EST CIRC. TAG PLUG @ 3940'. DO CIBP @ 3940'. LD SWIVEL. CONTINUE TO TIH W/ TBG. TAG FILL @ 6601' (18' OF FILL). TOH W/ TBG. LD 3-7/8" BIT. PU NEW BHA. TIH W/ TBG. SDFWE.

**HUBBELL 3E**

**30.045.23881**

**BRADENHEAD REPAIR**

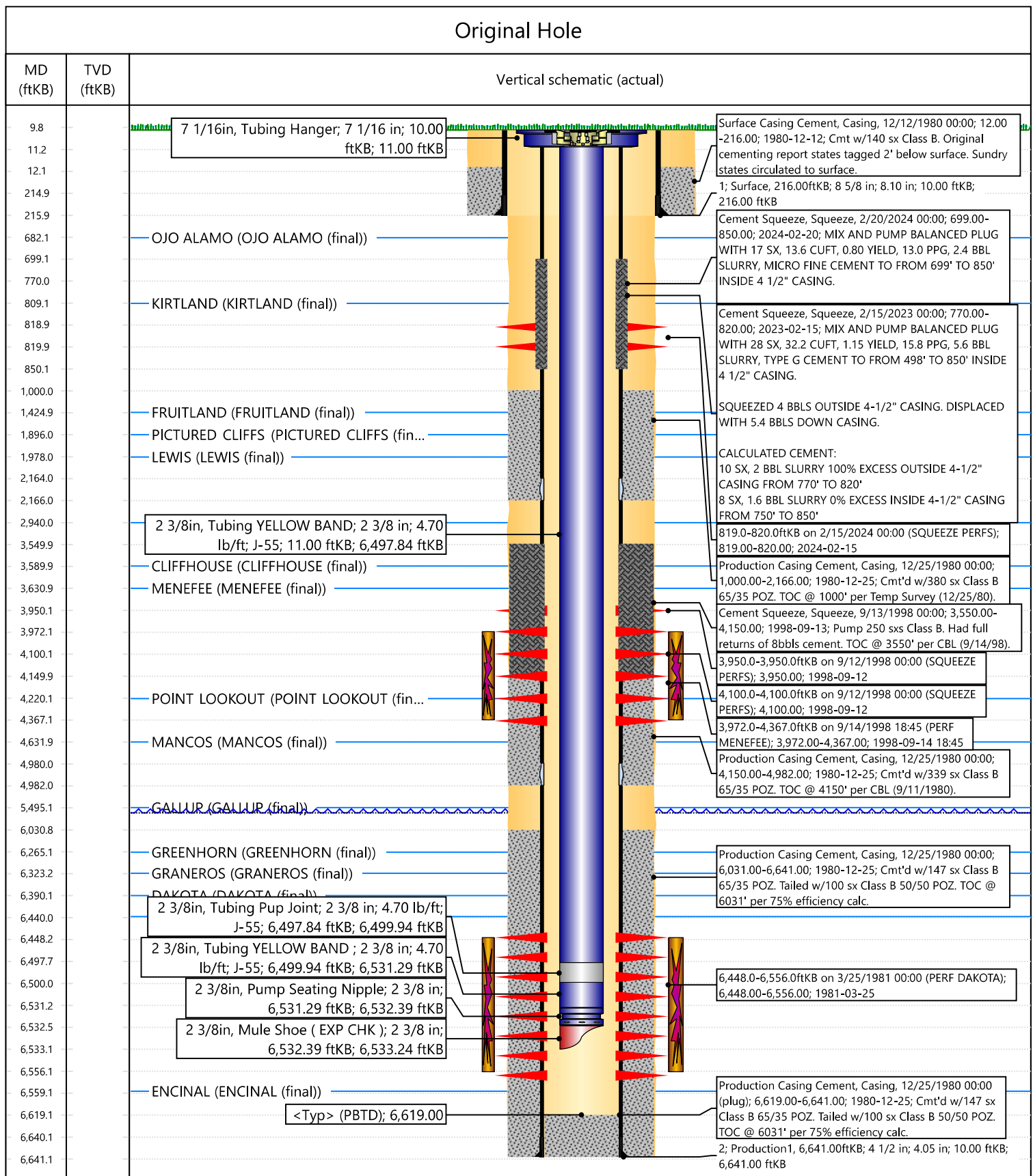
**2/26/2024** - CK PRESSURES. SITP 0#, SICP 100#, SIBH 18#. BD 10 MIN. LAND TBG AS FOLLOWS: 203 – 2-3/8" J-55 TBG; 1 – 2-3/8" X 2' PUP JT; 1 – 2-3/8" J-55 TBG; 1 – SN; 1 – EXP CK. PBTD 6619'. EOT @ 6533'. SN @ 6531'. RD FLOOR. ND BOP. NU WH. PUMP DOWN TBG. DROP PUMP OFF BALL. PT TBG W/ AIR TO 500 PSI, GOOD. PUMP OFF EXP CK AT 700 PSI. UNLOAD WELL. RD RR.



## Current Schematic - Version 3

Well Name: HUBBELL #3E

API / UWI 3004523881	Surface Legal Location 018-029N-010W-H	Field Name BLANCO MESAVERDE (PRORAT #0078)	Route 0704	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5,622.00	Original KB/RT Elevation (ft) 5,632.00	RKB to GL (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	







# NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE  
1000 RIO BRAZOS ROAD  
AZTEC NM 87410  
(505) 334-6178 FAX: (505) 334-6170  
[http://emnrd.state.nm.us/ocd/District III/3distrct.htm](http://emnrd.state.nm.us/ocd/District%20III/3distrct.htm)

## BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 22 FEB 2004 Operator HILCORP API #30-0 45-23881

Property Name HUBBELL Well No. 3E Location: Unit H Section 18 Township 29 Range 10

Well Status(Shut-In or Producing) Initial PSI: Tubing N/A Intermediate N/A Casing \_\_\_\_\_ Bradenhead 50

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE			INTERM	
	BH	Int	Csg	Int	Csg
TIME					
5 min	1	N/A	0		
10 min	1		0		
15 min	1		0	N/A	
20 min	1		0		
25 min	1		0		
30 min	1		0		

	FLOW CHARACTERISTICS	
	BRADENHEAD	INTERMEDIATE
Steady Flow	X GAS	
Surges	X WATER	
Down to Nothing		N/A
Nothing		
Gas		
Gas & Water		
Water	X	

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR X FRESH \_\_\_\_\_ SALTY \_\_\_\_\_ SULFUR \_\_\_\_\_ BLACK \_\_\_\_\_

5 MINUTE SHUT-IN PRESSURE BRADENHEAD 11 INTERMEDIATE N/A

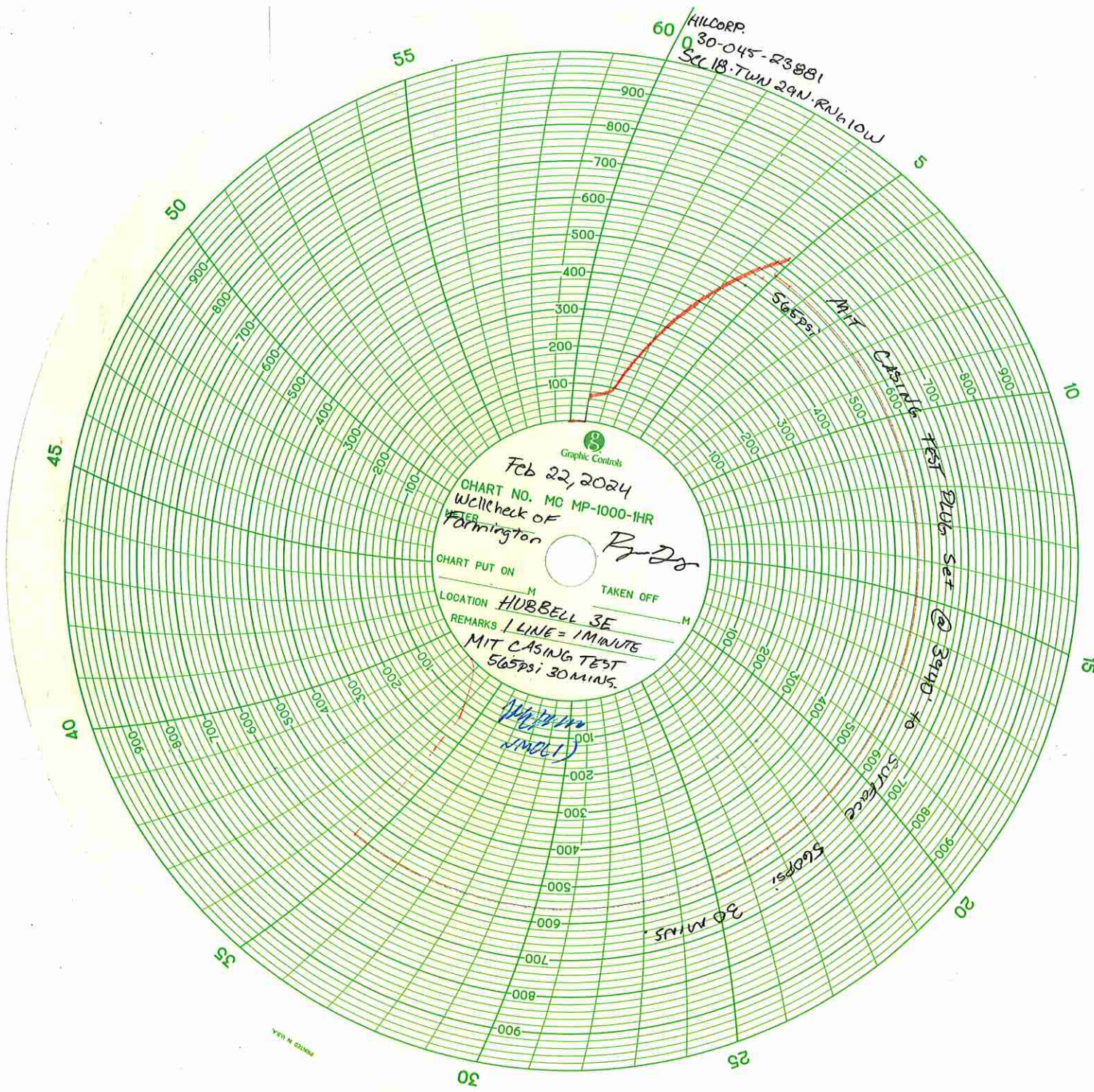
REMARKS: WATER BEGAN FLOWING A 6:30 MINUTES.  
MADE APPROX. 2 GALLONS OF WATER AND PUBLISHED FOR THE REMAINDER  
OF THE TEST

By [Signature]  
(Position)

Witness [Signature]

E-mail address \_\_\_\_\_









# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

## MECHANICAL INTEGRITY TEST REPORT (TA OR UIC)

Date of Test 20-FEB-2024 Operator HILLCO API # 30-0 415-23881

Property Name HUBBELL Well # 3E Location: Unit 4 Sec 18 Twn 24 Rge 10

Land Type:

State \_\_\_\_\_  
Federal ☒  
Private \_\_\_\_\_  
Indian \_\_\_\_\_

Well Type:

Water Injection \_\_\_\_\_  
Salt Water Disposal \_\_\_\_\_  
Gas Injection \_\_\_\_\_  
Producing Oil/Gas ☒  
Pressure observation \_\_\_\_\_

Temporarily Abandoned Well (Y/N): \_\_\_\_\_ TA Expires: \_\_\_\_\_

Casing Pres. \_\_\_\_\_  
Bradenhead Pres. \_\_\_\_\_  
Tubing Pres. \_\_\_\_\_  
Int. Casing Pres. \_\_\_\_\_

Tbg. SI Pres. \_\_\_\_\_  
Tbg. Inj. Pres. \_\_\_\_\_

Max. Inj. Pres. \_\_\_\_\_

Pressured annulus up to \_\_\_\_\_ psi. for \_\_\_\_\_ mins. Test passed/failed

REMARKS: A CIBP WAS SET AT 3940 FT.  
1000 PSI SPRING, 100 MINUTE CLOCK THE CASING WAS  
NOT PRESSURED WITH 500 PSI AND PRESSURE FELL TO 500  
PSI AND HELD FOR THE LAST 20 MINUTES

By [Signature]  
(Operator Representative)

Witness [Signature]  
(NMOCD)

(Position)

Revised 02-11-02



**Priscilla Shorty**

---

**From:** Rennick, Kenneth G <krennick@blm.gov>  
**Sent:** Monday, February 19, 2024 4:09 PM  
**To:** Trey Misuraca; Kuehling, Monica, EMNRD; Kade, Matthew H  
**Cc:** Farmington Regulatory Techs; Austin Harrison; John Brown; Jackson Lancaster; Hayden Moser; Priscilla Shorty; Jose Morales  
**Subject:** Re: [EXTERNAL] RE: Hubbell 3E 3004523881 Bradenhead Directive Plan Forward

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

BLM finds the propose plan appropriate.

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**From:** Trey Misuraca <Trey.Misuraca@hilcorp.com>  
**Sent:** Monday, February 19, 2024 10:30:52 AM  
**To:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>  
**Cc:** Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Austin Harrison <aharrison@hilcorp.com>; John Brown <jbrown@hilcorp.com>; Jackson Lancaster <Jackson.Lancaster@hilcorp.com>; Hayden Moser <Hayden.Moser@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>; Jose Morales <jomorales@hilcorp.com>  
**Subject:** RE: [EXTERNAL] RE: Hubbell 3E 3004523881 Bradenhead Directive Plan Forward

We will remediate and follow up.

Best Regards,

**Trey Misuraca**

Operations Engineer | San Juan North  
Hilcorp Energy Company | 1111 Travis Street | Houston, TX 77002  
M: 225.610.7136  
Trey.Misuraca@hilcorp.com

---

**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Monday, February 19, 2024 11:29 AM  
**To:** Trey Misuraca <Trey.Misuraca@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>  
**Cc:** Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Austin Harrison <aharrison@hilcorp.com>; John Brown <jbrown@hilcorp.com>; Jackson Lancaster <Jackson.Lancaster@hilcorp.com>; Hayden Moser <Hayden.Moser@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>; Jose Morales <jomorales@hilcorp.com>  
**Subject:** RE: [EXTERNAL] RE: Hubbell 3E 3004523881 Bradenhead Directive Plan Forward

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Contacted by inspector - Unable to test today – still have a leak

Below is void

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Office Phone: 505-334-6178 ext. 123  
Cell Phone: 505-320-0243  
Email - [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)

---

**From:** Kuehling, Monica, EMNRD  
**Sent:** Monday, February 19, 2024 10:11 AM  
**To:** Trey Misuraca <[Trey.Misuraca@hilcorp.com](mailto:Trey.Misuraca@hilcorp.com)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
**Cc:** Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>; Austin Harrison <[aharrison@hilcorp.com](mailto:aharrison@hilcorp.com)>; John Brown <[jbrown@hilcorp.com](mailto:jbrown@hilcorp.com)>; Jackson Lancaster <[Jackson.Lancaster@hilcorp.com](mailto:Jackson.Lancaster@hilcorp.com)>; Hayden Moser <[Hayden.Moser@hilcorp.com](mailto:Hayden.Moser@hilcorp.com)>; Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>; Jose Morales <[jomorales@hilcorp.com](mailto:jomorales@hilcorp.com)>  
**Subject:** RE: [EXTERNAL] RE: Hubbell 3E 3004523881 Bradenhead Directive Plan Forward

Due to pressure dropping from 30 psi 25 psi and then this morning after weekend shut in to 22 psi Hilcorp is approved move off of well if MIT passed and then to produce the bradenhead to a production pit

Please note: pressures need to be monitored monthly and recorded and sent to this office

Approval is given for 90 days, at the end of 90 days a discussion will have to be performed on how to proceed.

This is all with prior approval from the BLM

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Office Phone: 505-334-6178 ext. 123  
Cell Phone: 505-320-0243  
Email - [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)

**From:** Trey Misuraca <[Trey.Misuraca@hilcorp.com](mailto:Trey.Misuraca@hilcorp.com)>  
**Sent:** Monday, February 19, 2024 9:13 AM  
**To:** Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
**Cc:** Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>; Austin Harrison <[aharrison@hilcorp.com](mailto:aharrison@hilcorp.com)>; John Brown <[jbrown@hilcorp.com](mailto:jbrown@hilcorp.com)>; Jackson Lancaster <[Jackson.Lancaster@hilcorp.com](mailto:Jackson.Lancaster@hilcorp.com)>; Hayden Moser <[Hayden.Moser@hilcorp.com](mailto:Hayden.Moser@hilcorp.com)>; Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>; Jose Morales <[jomorales@hilcorp.com](mailto:jomorales@hilcorp.com)>  
**Subject:** RE: [EXTERNAL] RE: Hubbell 3E 3004523881 Bradenhead Directive Plan Forward

Monica, Matthew,

I wanted to give an update and plan forward on the Hubbell 3E Bradenhead Directive:

On Thursday, 2/15/24, squeeze holes were shot at 820ft and a 50ft balanced plug of Type G cement was pumped. On Friday 2/16/2024, the rig was shut down to wait on cement. Our rig supervisor had stopped by the well to check pressures around 8am and the Bradenhead had 30psi on it, 0psi on the casing. It blew down in about 5 seconds. He checked it at noon and it had built up to 25psi.

The well was left over the weekend and the pressures this morning (2/19/24) were as follows:

Bradenhead: 22psi  
Casing Pressure: 0psi

Our rig supervisor had spoken with Monica this morning and we had received a verbal to produce the bradenhead to a pit to monitor and bleed off any residual gas, assuming that the bradenhead continues to have pressure by the end of the workover.

The workover plan going forward is as follows:

- Drill out cement
- Perform MIT on production casing to 500psi (witnessed) to ensure integrity of the squeezed interval
- Drill out CIBP and clean well out to PBD
- Run in hole with 2-3/8" production tubing and RTP while producing bradenhead to pit. All subsequent tests will be filed through our regulatory department.

Please let me know if this proposal is acceptable for the NMOCD and BLM.

Kind Regards,

**Trey Misuraca**

Operations Engineer | San Juan North  
Hilcorp Energy Company | 1111 Travis Street | Houston, TX 77002  
M: 225.610.7136  
[Trey.Misuraca@hilcorp.com](mailto:Trey.Misuraca@hilcorp.com)

---

**From:** Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>  
**Sent:** Thursday, February 15, 2024 10:52 AM  
**To:** Trey Misuraca <[Trey.Misuraca@hilcorp.com](mailto:Trey.Misuraca@hilcorp.com)>; [Monica.Kuehling@emnrd.nm.gov](mailto:Monica.Kuehling@emnrd.nm.gov); Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
**Cc:** Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>; Austin Harrison <[aharrison@hilcorp.com](mailto:aharrison@hilcorp.com)>; John Brown <[jbrown@hilcorp.com](mailto:jbrown@hilcorp.com)>; Jackson Lancaster <[Jackson.Lancaster@hilcorp.com](mailto:Jackson.Lancaster@hilcorp.com)>; Hayden Moser <[Hayden.Moser@hilcorp.com](mailto:Hayden.Moser@hilcorp.com)>; Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>; Jose Morales



<jomorales@hilcorp.com>

**Subject:** Re: [EXTERNAL] RE: Hubbell 3E 3004523881 Bradenhead Directive Plan Forward

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Thank you for keeping the BLM in the loop. The BLM approves of the plan moving forward

**Matthew Kade**

Petroleum Engineer  
BLM - Farmington Field Office  
6251 College Blvd  
Farmington, NM 87402  
Office: (505) 564-7736

---

**From:** Trey Misuraca <[Trey.Misuraca@hilcorp.com](mailto:Trey.Misuraca@hilcorp.com)>

**Sent:** Thursday, February 15, 2024 8:33 AM

**To:** [Monica.Kuehling@emnrd.nm.gov](mailto:Monica.Kuehling@emnrd.nm.gov) <[Monica.Kuehling@emnrd.nm.gov](mailto:Monica.Kuehling@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>

**Cc:** Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>; Austin Harrison <[aharrison@hilcorp.com](mailto:aharrison@hilcorp.com)>; John Brown <[jbrown@hilcorp.com](mailto:jbrown@hilcorp.com)>; Jackson Lancaster <[Jackson.Lancaster@hilcorp.com](mailto:Jackson.Lancaster@hilcorp.com)>; Hayden Moser <[Hayden.Moser@hilcorp.com](mailto:Hayden.Moser@hilcorp.com)>; Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>; Jose Morales <[jomorales@hilcorp.com](mailto:jomorales@hilcorp.com)>

**Subject:** [EXTERNAL] RE: Hubbell 3E 3004523881 Bradenhead Directive Plan Forward

This email is to include BLM in correspondence. Apologies for leaving you off.

Thanks,

**Trey Misuraca**

Operations Engineer | San Juan North  
Hilcorp Energy Company | 1111 Travis Street | Houston, TX 77002  
M: 225.610.7136

Received by Imaging: 2/15/2024 9:06:11 PM  
[Trey.Misuraca@hilcorp.com](mailto:Trey.Misuraca@hilcorp.com)

Page 13 of 14

---

**From:** Trey Misuraca

**Sent:** Thursday, February 15, 2024 9:06 AM

**To:** [Monica.Kuehling@emnrd.nm.gov](mailto:Monica.Kuehling@emnrd.nm.gov)

**Cc:** Farmington Regulatory Techs <[FarmingtonRegulatoryTechs@hilcorp.com](mailto:FarmingtonRegulatoryTechs@hilcorp.com)>; Austin Harrison <[aharrison@hilcorp.com](mailto:aharrison@hilcorp.com)>; John Brown <[jbrown@hilcorp.com](mailto:jbrown@hilcorp.com)>; Jackson Lancaster <[Jackson.Lancaster@hilcorp.com](mailto:Jackson.Lancaster@hilcorp.com)>; Hayden Moser <[Hayden.Moser@hilcorp.com](mailto:Hayden.Moser@hilcorp.com)>; Priscilla Shorty <[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)>; Jose Morales

<[jomorales@hilcorp.com](mailto:jomorales@hilcorp.com)>

**Subject:** Hubbell 3E 3004523881 Bradenhead Directive Plan Forward

Monica,

Thanks for your time this morning. As we had discussed, we are on the Hubbel 3E (API: 3004523881) to address the bradenhead directive sent on 12/27/2023. Yesterday we had pulled the tubing, set a CIBP at 3940ft isolating the existing producing zones and tested the casing to confirm no communication with the BH. The Bradenhead stayed constant throughout the entire test. We feel confident that there is no communication. As of this morning, pressures on the well are as follows:

2/15/24 Pressures:

SICP: 0psi

SIBHP: 50psi

We have a CBL run on 9-11-98 with 800psi (attached). It shows top of cement at ~970ft. Formation tops above the top of cement:

Kirtland: 809ft

Ojo Alamo: 682ft

As discussed, the plan forward will be as follows:

- WL perforate below the Kirtland at ~820ft
- Pump remedial cement squeeze targeting 50ft of cement coverage above the Kirtland (~760ft)
- Wait on Cement, drill out cement to CIBP, perform witnessed MIT to 500psi
- Perform subsequent bradenhead test ensuring pressure has been eliminated
- Drill out CIBP, clean out to PBTD, run production tubing and return well to production

Upon operational success of the above steps, we will submit the required subsequent bradenhead tests. I will keep you informed as we progress through this process.

Please let me know if you have any questions.

Kind Regards,

**Trey Misuraca**

Operations Engineer | San Juan North

Hilcorp Energy Company | 1111 Travis Street | Houston, TX 77002

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

CONDITIONS

Action 318224

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 318224
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	approved for record only	5/7/2025