

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

<b>Well Name:</b> HUBBELL	<b>Well Location:</b> T29N / R10W / SEC 18 / NESE / 36.724845 / -107.918952	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 3P	<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> 3004534196	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> HILCORP ENERGY COMPANY

### Subsequent Report

**Sundry ID:** 2766876

**Type of Submission:** Subsequent Report

**Type of Action:** Workover Operations

**Date Sundry Submitted:** 12/20/2023

**Time Sundry Submitted:** 09:00

**Date Operation Actually Began:** 12/08/2023

**Actual Procedure:** Hilcorp Energy has repaired the bradenhead on the subject well per the attached details and tests.

### SR Attachments

#### Actual Procedure

Hubbell\_3P\_SR\_BLM\_Submitted\_20231220085633.pdf

Well Name: HUBBELL

Well Location: T29N / R10W / SEC 18 /  
NESE / 36.724845 / -107.918952County or Parish/State: SAN  
JUAN / NM

Well Number: 3P

Type of Well: CONVENTIONAL GAS  
WELL

Allottee or Tribe Name:

Lease Number: NMSF078716A

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004534196

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: DEC 20, 2023 08:56 AM

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: 12/20/2023

Signature: Matthew Kade

## HUBBELL 3P

30.045.34196

## BRADENHEAD REPAIR

12/8/2023 – MIRU. CK PRESSURES. FTP – 45 PSI, FCP – 45 PSI, SIICP – 550 PSI, SIBHP – 280 PSI. 20 MIN BDW. ND WH. NU BOP. RU RIG FLOOR. FUNCTION TEST BOP (GOOD). RU WSI. COULD NOT GET GOOD PRESSURE TEST. ISOLATE ISSUE TO HANGER SEALS. REPLACE HANGER SEALS. PRESSURE TEST PIPE RAMS AND BLIND RAMS. 250 PSI LOW FOR 5 MIN AND 2500 PSI HIGH FOR 10 MIN. GOOD TEST. RD WSI. PULL TBG HANGER. TOO H SCANNING TBG. DOWNGRADED DUE TO PITTING. SDFN.

12/11/2023 - CK PRESSURES. SITP – 0 PSI, SICP – 45 PSI, SIICP – 560 PSI, SIBHP – 200 PSI. PU 3-7/8" STRING MILL. TALLY AND TIH W/TBG TO 4,500'. TOH W/ TBG. LD 3-7/8" STRING MILL. PU HEC 4-1/2" CIBP. TIH AND SET CIBP AT 4,438'. LOAD CSG. PRESSURE TEST CSG TO 6,200 PSI. GOOD TEST. TOO H W/ TBG. MIRU TWG. RIH. PERFORATE SQUEEZE HOLES (4 SPF) AT 4,050'. POOH. PUMP 45 BBL DOWN 4-1/2". GOT CIRC UP INTERMEDIATE. RD WL. PUMP 40 BBL DOWN CSG. GOOD RETURNS UP INTERMEDIATE. ESTABLISH RATE AND PRESSURE (3BPM AT 700 PSI. SDFN.

12/12/2023 - CK PRESSURES. SITP – 0 PSI, SICP – 0 PSI, SIICP – 10 PSI, SIBHP – 0 PSI. PU 3-7/8" BIT, TIH TO 3,950'. SET CIRC AT 3999.5'. EST CIRC THROUGH CIRC UP INTERMEDIATE. **MIX AND PUMP 55 SXS (13.42 BBL, 75.35 CU FT) TYPE 3, 14.7#. SQUEEZE HOLES AT 4,050'. DISPLACE W/ 15 BBL WTR, FULL RETURNS UP INTERMEDIATE CSG.** PRESSURE UP TO 250 PSI DURING DISPLACEMENT. STING OUT. REVERSE BU, RECOVER ~1/2 BBL CMT. TOO H. LD SETTING TOOL. MU 3-7/8" BIT AND BIT SUB. TIH W/ TBG. EOT AT 3,353'. SDFN.

12/13/2023 - CK PRESSURES. SITP – 0 PSI, SICP – 0 PSI, SIICP – 0 PSI, SIBHP – 0 PSI. TIH AND TAG CMT ON TOP OF CIBP AT 3,999' (1' CMT). PU AND RU POWER SWIVEL. EST REVERSE CIRC W/ WATER. DRILL OUT CMT FROM 3,999' TO 4,000'. BIT PLUGGED UP WHILE DRILLING ON CIRC. CLEAR BIT. DRILL OUT CIRC FROM 4,000' TO 4,001.5'. DRILL OUT CMT FROM 4,001.5' TO 4,005'. CMT RETURNS HARD (NOT GREEN). STOPPED MAKING HOLE. CIRC WELL CLEAN. TOO H. SDFN.

12/14/2023 - CK PRESSURES. SITP – 0 PSI, SICP – 0 PSI, SIICP – 0 PSI, SIBHP – 0 PSI. MU NEW 3-7/8" BIT. TIH AND TAG CMT AT 4,005'. PU POWER SWIVEL. EST CIRC W/ WATER. DRILL CMT, CIRC PSI CLIMBED TO 1000 PSI. CLEAR BIT. DRILL CMT FROM 4,005' TO 4,034'. VERY HARD DRILLING. TOOK 1.5 HRS TO MAKE FIRST FOOT. HEC ENGINEER DECIDED TO PU DRILL COLLARS IN THE MORNING. CIRC WELL CLEAN. TOO H W/ TBG. EOT AT 2,798'. SDFN.

12/15/2023 - CK PRESSURES. SITP – 0 PSI, SICP – 0 PSI, SIICP – 0 PSI, SIBHP – 0 PSI. TOO H AND LD TBG. MOVE WASH UP PIT. SPOT DRILL COLLARS. TALLY, CALIPER AND PU COLLARS. DRILL COLLAR OD. TIH AND TAG CMT AT 4,034'. PU POWER SWIVEL. EST CIRC W/ WATER (700 PSI). DRILL CMT. CIRC PRESSURES CLIMBED TO 1100 PSI. RETURNS FELL TO 1BPM. CIRC BOTTOMS UP. TRY TO DRILL AGAIN SAME RESULTS. EST CIRC W/ AIR/FOAM UNIT. FINISH DRILLING CMT TO 4,051'. CIRC WELL CLEAN W/ AIR. MIRU WILSON SERVICES. ATTEMPT TO GET MIT. COULD NOT GET GOOD MIT. RD WILSON SERVICES. **CONDUCT BH TEST WITNESS AND PASSED BY JOHN DURHAM, NMOCD.** LD TBG TO 3,034'. TOO H TO 2,861'. SDFWE.

12/18/2023 - CK PRESSURES. SITP – 0 PSI, SICP – 0 PSI, SIICP – 11 PSI, SIBHP – 0 PSI. BD INT IN LESS THAN 5 SEC. LOAD AND TEST CSG, FAIL, LOST ~5 PSI/MIN. TOO H. MIRU TWG. RIH W/ GAUGE RING. TAG CIBP AT 4,438'. POOH. INSPECT GAUGE RING. FOUND CMT CUTTINGS IN GAUGE RING. RIH W/ CBL. POOH LOGGING FROM 4,400' TO 2,600' (MARKER JT AT 2,735') UNDER 600 PSI. RD TWG. SENT CBL TO ENGINEER. PU AND SET PACKER AT 4,000' (50' ABOVE SQUEEZE HOLES). **CONDUCT MIT FROM 4,000' TO SURFACE. WITNESSED AND PASSED BY JOHN DURHAM, NMOCD.** RELEASE PACKER. TOO H, LD PACKER. SDFN.

**HUBBELL 3P**

**30.045.34196**

**BRADENHEAD REPAIR**

12/19/2023 - CK PRESSURES. SITP – 0 PSI, SICP – 0 PSI, SIICP – 0 PSI, SIBHP – 0 PSI. LD TBG. RD FLOOR AND TBG HANDLING EQUIPMENT. ND OP. TOP OFF WELL. MIRU BRT. PRESSURE TEST TBG HEAD VOID. PUMP PACKING GREASE AND PRESSURE UP VOID. HELD 1,500 PSI FOR 10 MIN. GOOD TEST. RDMO BRT. NU WELL TREE. RD RR.



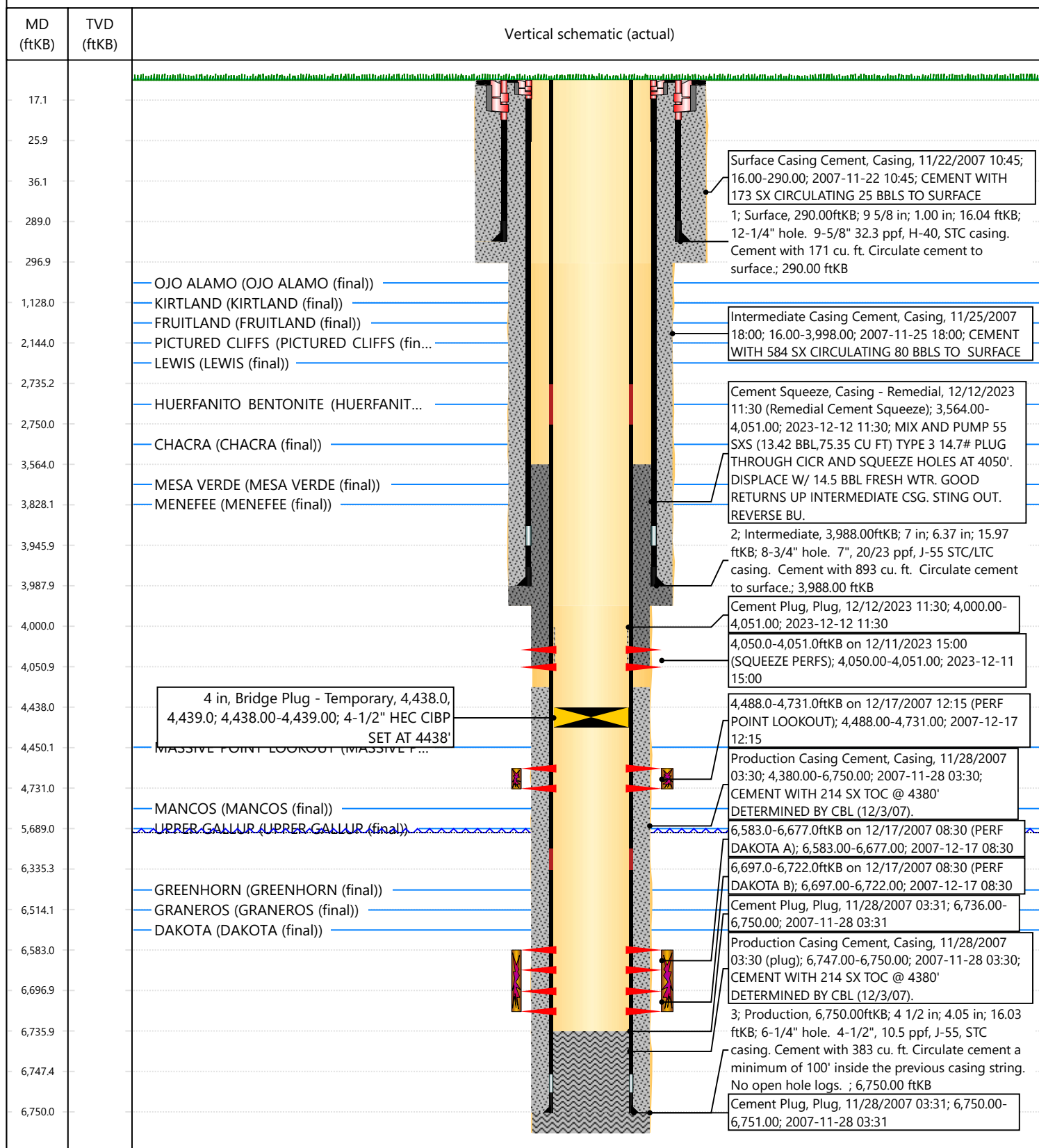


## Current Schematic - Version 3

Well Name: HUBBELL #3P

API / UWI 3004534196	Surface Legal Location 018-029N-010W-I	Field Name MV/DK COM	Route 0704	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 5,816.00	Original KB/RT Elevation (ft) 5,832.00	RKB to GL (ft) 16.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

## Original Hole [VERTICAL]





# 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://emnr.state.nm.us/ocd/District III3district.htm](http://emnr.state.nm.us/ocd/District%20III3district.htm)

## BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 15-DEC-2023 Operator HILLCO P API #30-0 45-34194  
Property Name HUBBELL Well No. 3P Location: Unit 1 Section 18 Township 21 Range 10  
Well Status(Shut-In or Producing) Initial PSI: Tubing N/A Intermediate 0 Casing 0 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE				
	Bradenhead			INTERM	
	BH	Int	Csg	Int	Csg
TIME					
5 min	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
10 min	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
15 min	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
20 min					
25 min					
30 min					

## FLOW CHARACTERISTICS

	BRADENHEAD	INTERMEDIATE
Steady Flow		
Surges		
Down to Nothing		<u>X</u>
Nothing	<u>X</u>	
Gas		<u>X</u>
Gas & Water		
Water		

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

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

5 MINUTE SHUT-IN PRESSURE BRADENHEAD 0 INTERMEDIATE 0

REMARKS:

INTERMEDIATE PUTTED TO NOTHING

By [Signature]

Witness [Signature]

(Position)

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





# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

## MECHANICAL INTEGRITY TEST REPORT (TA OR UIC)

Date of Test 18-DEC-2023 Operator HILLARD API # 30-0 45-34190

Property Name HURBELL Well # 3P Location: Unit 1 Sec 18 Twn 2R Rge 10

Land Type:

State Δ  
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. \_\_\_\_\_ Tbg. SI Pres. \_\_\_\_\_ Max. Inj. Pres. \_\_\_\_\_  
Bradenhead Pres. \_\_\_\_\_ Tbg. Inj. Pres. \_\_\_\_\_  
Tubing Pres. \_\_\_\_\_  
Int. Casing Pres. \_\_\_\_\_

Pressured annulus up to 500 psi. for 30 mins. Test passed/failed

REMARKS: 1000 PSI SPRING, 40 MINUTE CLOCK.  
THE GAS WEL WAS PRESSURED UPTO 500 PSI AND PRESSURE  
HELD FOR THE ENTIRE TEST

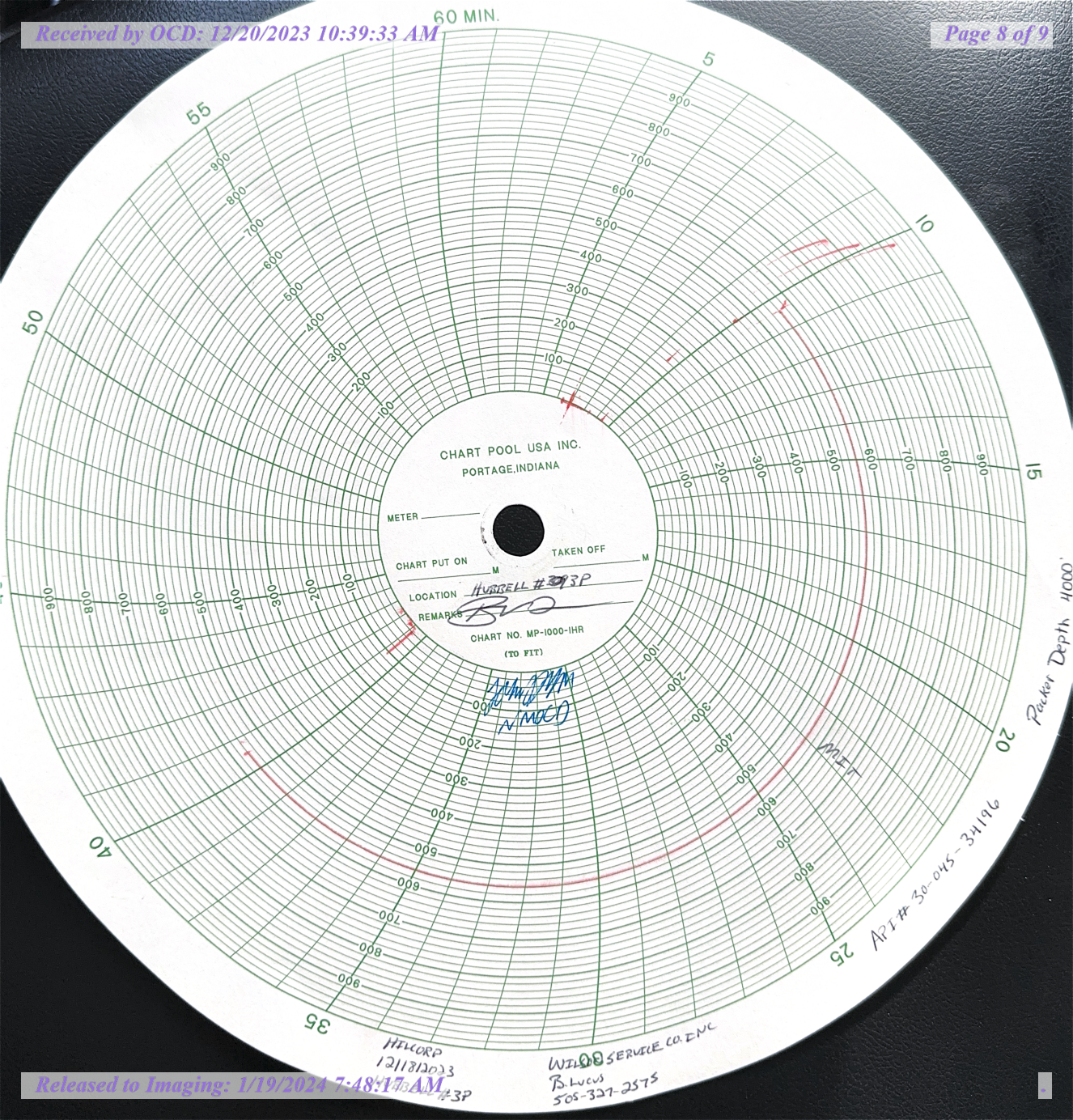
PACKER WAS SET AT ~~500~~ 4000 FT

By [Signature] Witness [Signature]  
(Operator Representative) (NMOCD)

(Position)

Revised 02-11-02





**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 296651

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 296651
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	This is a bradenhead repair - bradenhead test required 30 days after rig move - 6 months after rig move - 1 year after rig move. 30 day test scheduled for Tuesday January 23, 2024	1/19/2024