

Well Name: PAYNE	Well Location: T31N / R13W / SEC 26 / NWNW / 36.87589 / -108.17854	County or Parish/State: SAN JUAN / NM
Well Number: 3E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078464	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004525953	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Notice of Intent

Sundry ID: 2640042

Type of Submission: Notice of Intent	Type of Action: Workover Operations
Date Sundry Submitted: 10/14/2021	Time Sundry Submitted: 02:57
Date proposed operation will begin: 10/25/2021	

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

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Payne\_3E\_Bradenhead\_Repair\_NOI\_20211014145613.pdf

<b>Well Name:</b> PAYNE	<b>Well Location:</b> T31N / R13W / SEC 26 / NWNW / 36.87589 / -108.17854	<b>County or Parish/State:</b> SAN JUAN / NM
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<b>US Well Number:</b> 3004525953	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> HILCORP ENERGY COMPANY

Conditions of Approval

Specialist Review

BLM\_Phone\_Number\_KR\_10132021\_20211014152208.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:** PRISCILLA SHORTY

**Signed on:** OCT 14, 2021 02:56 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

**Representative Name:**

**Street Address:**

**City:** **State:** **Zip:**

**Phone:**

**Email address:**

BLM Point of Contact

**BLM POC Name:** KENNETH G RENNICK

**BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5055647742

**BLM POC Email Address:** krennick@blm.gov

**Disposition:** Approved

**Disposition Date:** 10/14/2021

**Signature:** Kenneth Rennick

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402**

1. 24 hours prior to conducting work, contact BLM Inspection and Enforcement at (505) 564 – 7750. This is also the number to contact for after business hours and weekends.

K. Rennick 10/13/2021



## HILCORP ENERGY COMPANY

Payne 3E

Bradenhead Repair

API #:

3004525953

## JOB PROCEDURES

- ☒ NMOCD **Contact BLM and OCD 24 hrs prior to MIRU. Record and document all casing pressures daily, including BH, IC (if present) and PC. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.**
- ☒ BLM

1. Hold pre-job safety meeting. Comply with all **BLM, NMOCD** and HEC safety and environmental regulations. Scope location for base beam. If base beam can not be used, test rig anchors prior to moving in rig. Verify there is no H2S present prior to beginning operations. Verify cathodic is offline.
2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in WellView.
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure.
4. ND wellhead and NU BOPE. Test and chart BOPs as per regulations. Record pressure test. PU and remove tubing hanger. MU tbj joints and RIH. Tag for fill and record fill depth in WellView. RU tbj scanner. TOO H with all prod tbj while scanning.
5. MU 5.5" csg scraper and RIH to **+/- 5512' (50' above top perf)**. TOO H and LD scraper. MU 5.5" bridge plug and RIH with 2-3/8" workstring. Land plug at **+/- 5512'**. Contact NMOCD and BLM 24 hours prior to upcoming (end of job's) MIT. Load csg with water and PT casing at 580 psi for 30 mins to verify casing integrity prior to squeezing. Chart record the test. TOO H.
6. RU E-line and perforate 5.5" casing at **+/- 299'**. POOH with perf equip. RD E-line equip.
7. Attempt to establish an injection rate with water into the perforations, and circulate up the Bradenhead. If unable, spot a balanced plug across the perforations to squeeze them.
8. RU cement crew. Pump Class G cement- adequate cement volumes with 100% excess to bring cement to surface. Circulate cement to surface. If unable, spot a balanced plug and squeeze the 5.5" perforations. WOC.
9. Drill out cement inside 5.5" casing. Contact NMOCD and BLM 24 hours prior to MIT. Pressure test the 5.5" casing to 580 psi for 30 min and record on a 2 hour chart for official MIT. Submit chart to regulatory.
10. RIH w/ bit and drill out or retrieve 5.5" bridge plug. MU 2-3/8" production tbj and RIH. Land tbj between ~6400 and 6500'.
11. ND BOPE, NU Wellhead and RDMO. Reschedule official Bradenhead test with OCD.



**HILCORP ENERGY COMPANY**  
**Payne 3E**  
**Bradenhead Repair**

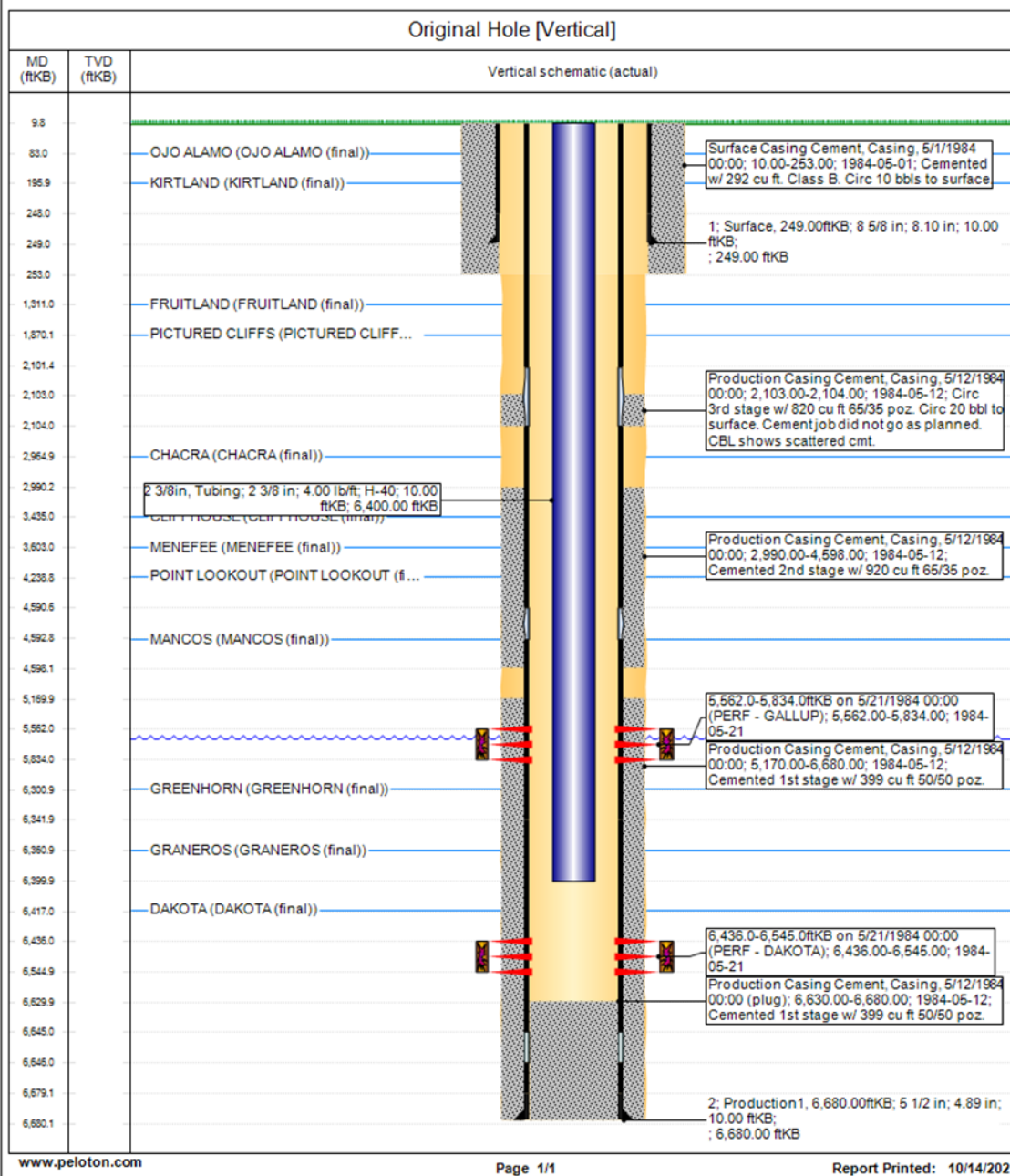
**Payne 3E - CURRENT WELLBORE SCHEMATIC**



**Current Schematic - Version 3**

**Well Name: PAYNE 03E**

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3004525953	D-26-31N-13W	BASIN	0205	NEW MEXICO	Vertical
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	
5,645.00	5,658.00	13.00			





## HILCORP ENERGY COMPANY

Payne 3E

Bradenhead Repair

Payne 3E - PROPOSED WELLBORE SCHEMATIC

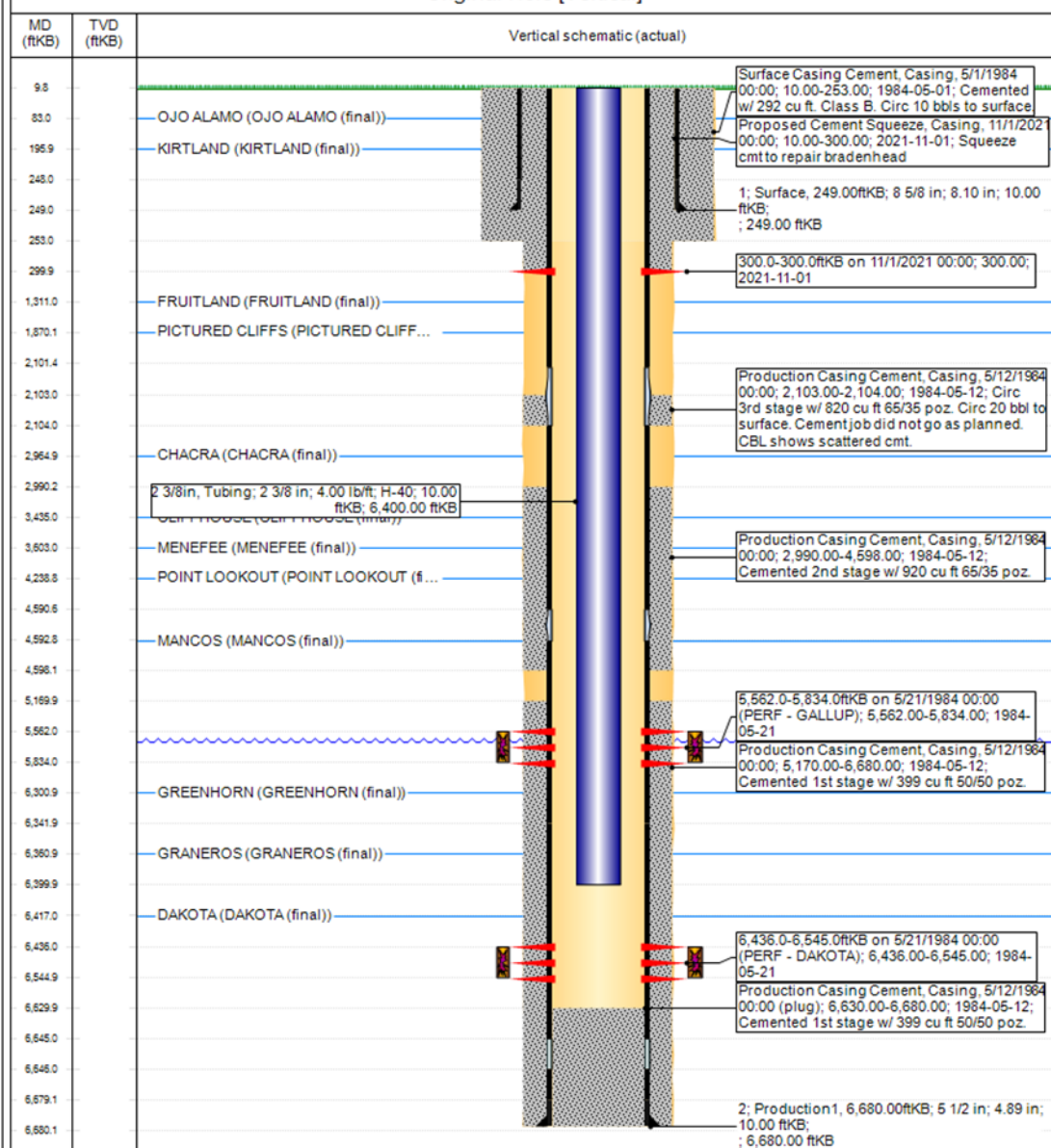


## Current Schematic - Version 3

Well Name: PAYNE 03E

API / UWI 3004525953	Surface Legal Location D-26-31N-13W	Field Name BASIN	Route 0205	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 5,645.00	Original KB/RT Elevation (ft) 5,658.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

## Original Hole [Vertical]



**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 60229

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 60229
	Action Type: [C-103] NOI Workover (C-103G)

**CONDITIONS**

Created By	Condition	Condition Date
mkuehling	Hilcorp Energy is denied perforating at 299 feet (denied going past 300 feet inside/outside) - cement is not permitted into the shoe of the surface casing at 253 feet. NMOCD picks Kirtland top at 380 feet - a squeeze can be performed from 430 feet to 300 feet inside/outside. Contact NMOCD with results of pressure on the bradenhead after squeeze and drill out. A decision will be made on how to proceed from those results. Notify NMOCD 24 hours prior to production casing test.	11/8/2021