



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

Sundry Print Report

09/23/2022

Well Name: BARCLAY 11K
FEDERAL

Well Location: T23S / R31E / SEC
11 / NESW /

County or Parish/State:
EDDY / NM

Well Number: 11

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0404441

Unit or CA Name:

Unit or CA Number:

US Well Number:
300153230400X1

Well Status: Abandoned

Operator: HARVARD
PETROLEUM COMPANY LLC

Accepted for record – NMOCD gc4/27/2023

Subsequent Report

Sundry ID: 2693173

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 09/19/2022

Time Sundry Submitted: 09:58

Date Operation Actually Began: 05/09/2022

Actual Procedure: null

SR Attachments

Actual Procedure

P_A_Procedure_Barclay_11K_Federal__11_20220919095752.pdf

| | | |
|--|--|---|
| Well Name: BARCLAY 11K FEDERAL | Well Location: T23S / R31E / SEC 11 / NESW / | County or Parish/State: EDDY / NM |
| Well Number: 11 | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMNM0404441 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 300153230400X1 | Well Status: Abandoned | Operator: HARVARD PETROLEUM COMPANY LLC |

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: SHAWNA MARTINEZ**Signed on:** SEP 19, 2022 09:58 AM**Name:** HARVARD PETROLEUM COMPANY LLC**Title:** Regulatory Tech**Street Address:** 332 RD 3100**City:** AZTEC**State:** NM**Phone:** (505) 327-4892**Email address:** SHAWNA@WALSHENG.NET**Field****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Email address:****BLM Point of Contact****BLM POC Name:** JAMES A AMOS**BLM POC Phone:** 5752345927**Disposition:** Accepted**Signature:** James A. Amos**BLM POC Title:** Acting Assistant Field Manager**BLM POC Email Address:** jamos@blm.gov**Disposition Date:** 09/23/2022

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. NMNM0404441

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator HARVARD PETROLEUM COMPANY, LLC

3a. Address P.O. BOX 936, 200 E. SECOND
ROSWELL, NM 882023b. Phone No. (include area code)
(575) 623-15814. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 11 T23S R31E NESW 1930 FSL 1980 FWL

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. BARCLAY 11K FEDERAL 11

9. API Well No. 30-015-32304-00-S1

10. Field and Pool or Exploratory Area
LIVINGSTON RIDGE; DELAWARE, SOUTH11. Country or Parish, State
EDDY COUNTY, NM**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|--|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

5/9/2022: POOH w/rods and tubing. Set CIBP @ 6460'. Tagged CIBP @ 6460'.
 5/10/2022: Circulate 10# salt gel. Spot 25 sx of 14.8 ppg cmt from 6202'-6460'. POOH and WOC. RIH & tag TOC @ 6190'. Spot 30 sx from 4700'-5000'.
 5/11/2022: RIH w/perf gun, shot 4 holes @ 4592'. Est circulation 2 bpm @ 800 psi. Squeeze from 4492' - 4282'.
 5/12/2022: RIH to tag TOC. No tag. Re-squeeze per BLM rep. Pumped 50 sx. WOC.
 5/13/2022: RIH to tag TOC. No tag. Re-squeeze again per BLM rep. Pumped 50 sx. WOC. No tag. Perf 4 holes @ 4432'. Pump 60 bbls, no returns.
 5/14/2022: RIH w/WL and cut casing @ 4432'. Attempted to pull free. Unable to pull casing free.
 5/15/2022: Work cut casing. Unable to work free.
 5/16/2022: RIH w/CBL. TOC @ 4070'. RIH w/lbg. Spot 50 sx from 4509' - 4107'. WOC
 5/17/2022: RIH, tag TOC @ 4113'. BLM rep ok w/proceeding. RIH w/WL and cut casing @ 4032'. POOH laying down 5 1/2" Casing.
 5/18/2022: RIH, tag TOC @ 4032'. Pump 260 sx from 4032'-3029'. WOC.
 5/24/2022: RIH, tag TOC @ 3112'. Pump 250 sx from 3112'-2147'. WOC.
 5/25/2022: RIH, tag TOC @ 1997'. Pump 340 sx from 1997'-688'. WOC.
 5/26/2022: RIH, tag TOC @ 451'. Pump 145 sx from 451' - Surface. RDMO Workover Rig.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

JASON HARMS

PETROLEUM ENGINEER

Title

Signature



Date

09/12/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

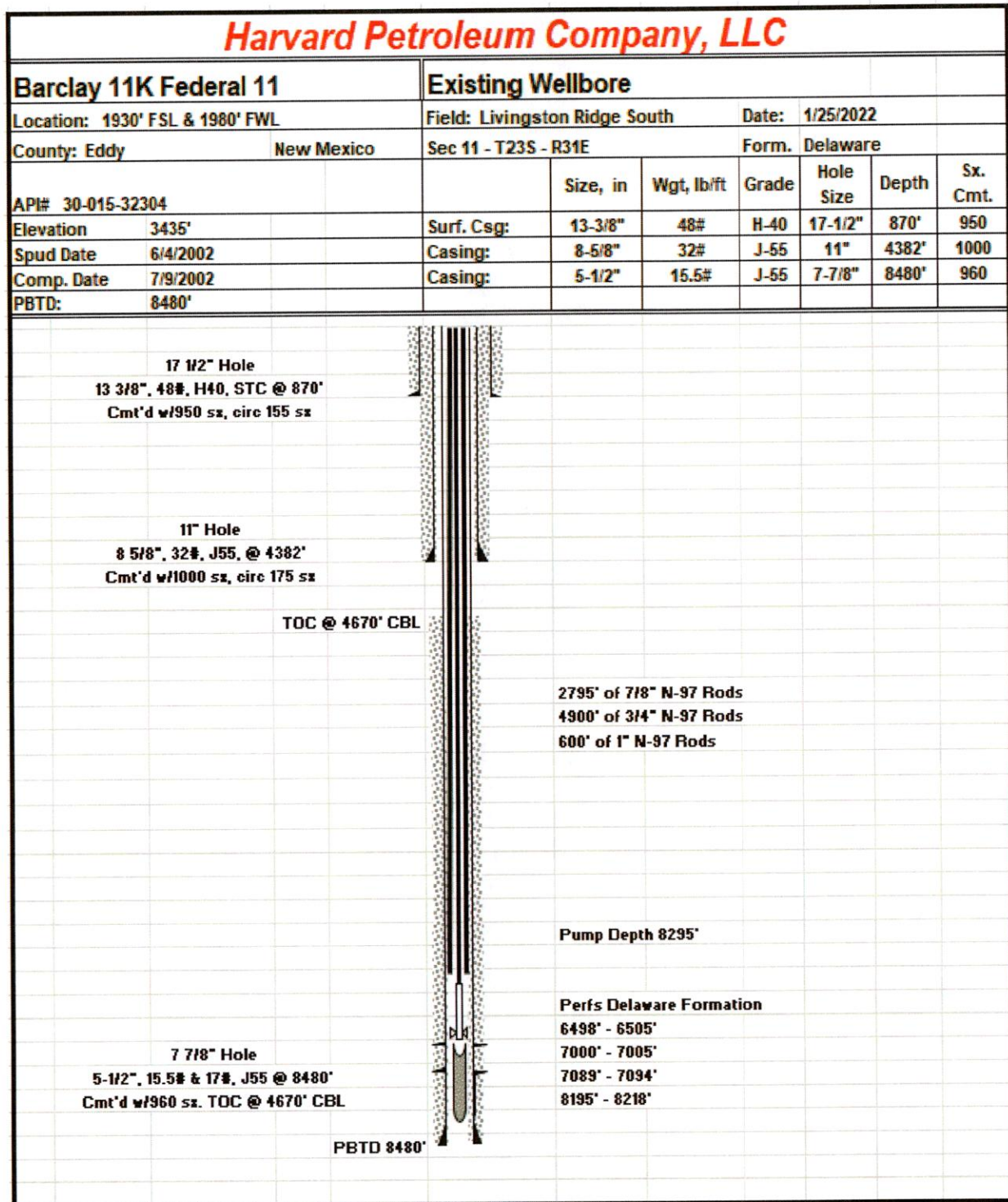
The Paperwork Reduction Act of 1995 requires us to inform you that:

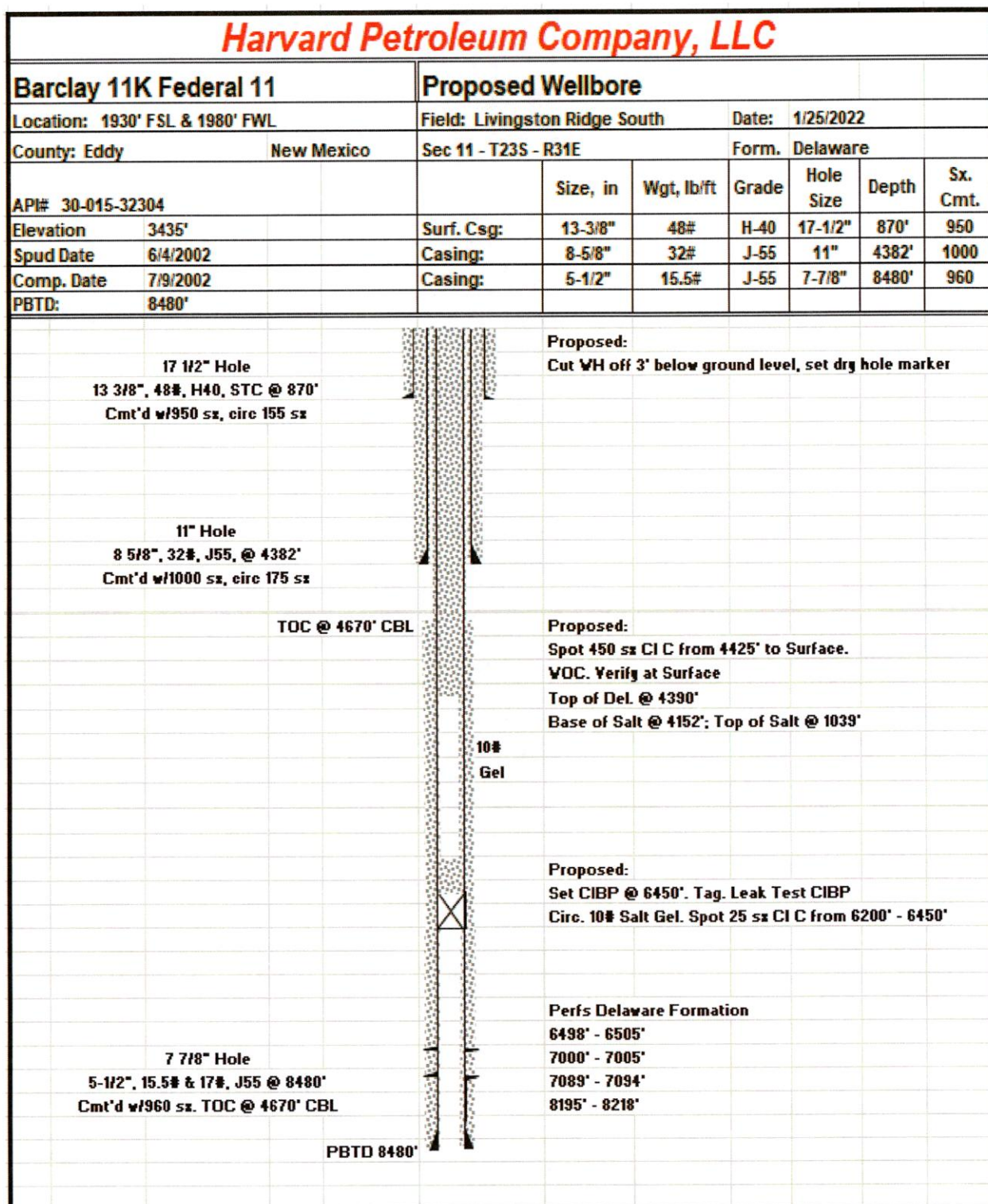
The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240





Harvard Petroleum Company, LLC

Barclay 11K Federal 11

P&A'd Wellbore

Location: 1930' FSL & 1980' FWL

Field: Livingston Ridge South

Date: 9/13/2022

County: Eddy

New Mexico

Sec 11 - T23S - R31E

Form. Delaware

API# 30-015-32304

Elevation 3435'

Spud Date 6/4/2002

Comp. Date 7/9/2002

PBDT: 8480'

Size, in

Wgt, lb/ft

Grade

Hole Size

Depth

Sx. Cmt.

Surf. Csg:

13-3/8"

48#

H-40

17-1/2"

870'

950

Casing:

8-5/8"

32#

J-55

11"

4382'

1000

Casing:

5-1/2"

15.5#

J-55

7-7/8"

8480'

960

17 1/2" Hole
13 3/8", 48#, H40, STC @ 870'
Cmt'd w/950 sz, circ 155 sz

Cut WH off 3' below ground level, set dry hole marker

Spotted 945 sz CI C 14.8# total from 4032' - Surface

11" Hole
8 5/8", 32#, J55, @ 4382'
Cmt'd w/1000 sz, circ 175 sz

Ran CBL, TOC @ 4070', cut 5-1/2" Casing @ 4032'
Spot 50 sz CI C 14.8# from 4107' - 4509'

Top of Del. @ 4390'
Base of Salt @ 4152'; Top of Salt @ 1039'
Spot 30 sz CI C 14.8# from 4700' - 5000'

Perf 4 holes @ 4432', pump 60 bbls, no circ., BLM ok'd
Perf 4 holes @ 4592'
Pumped 150 sz CI C 14.8# from 4592' - 4282'

10#
Salt
Gel

Set CIBP @ 6460'. Tag. Leak Test CIBP good
Circ. 10# Salt Gel. Spot 25 sz CI C 14.8# 6190' - 6460'

7 7/8" Hole
5-1/2", 15.5# & 17#, J55 @ 8480'
Cmt'd w/960 sz. TOC @ 4670' CBL

Perfs Delaware Formation
6498' - 6505'
7000' - 7005'
7089' - 7094'
8195' - 8218'

PBDT 8480'



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 211345

CONDITIONS

| | |
|--|--|
| Operator: EPIC ENERGY, L.L.C. 332 Road 3100 Aztec, NM 87410 | OGRID: 372834 |
| | Action Number: 211345 |
| | Action Type: [C-103] Sub. Plugging (C-103P) |

CONDITIONS

| | | |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| gcordero | None | 4/27/2023 |