

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

Well Name: SDE 31 FEDERAL

Well Location: T23S / R32E / SEC 31 /
SWSW / 32.2554621 / -103.7200235

County or Parish/State: LEA /
NM

Well Number: 16

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM18848

Unit or CA Name:

Unit or CA Number:

US Well Number: 300253813800X1

Operator: HARVARD PETROLEUM
COMPANY LLC

Subsequent Report

Sundry ID: 2874814

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 09/22/2025

Time Sundry Submitted: 01:40

Date Operation Actually Began: 09/17/2025

Actual Procedure: See attached Subs to P&A

SR Attachments

Actual Procedure

SDE_31_16_3160_5__Subs_to_P_A_20250922134011.pdf

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Unit or CA Name:

Unit or CA Number:

US Well Number: 300253813800X1

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: RONI KIDD

Signed on: SEP 22, 2025 01:40 PM

Name: HARVARD PETROLEUM COMPANY LLC

Title: Business Manager

Street Address: PO BOX 936

City: ROSWELL

State: NM

Phone: (575) 390-2069

Email address: RKIDD@BUCKHORNPRODUCTION.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JAMES A AMOS

BLM POC Title: Acting Assistant Field Manager

BLM POC Phone: 5752345927

BLM POC Email Address: JAMOS@BLM.GOV

Disposition: Accepted

Disposition Date: 09/23/2025

Signature: James A Amos

Form 3160-5
(October 2024)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

5. Lease Serial No.
NMNM18848

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
SDE 31 FEDERAL/16

2. Name of Operator
HARVARD PETROLEUM COMPANY LLC

9. API Well No. 3002538138

3a. Address PO BOX 936, ROSWELL, NM 882020936

3b. Phone No. (include area code)
(575) 623-1581

10. Field and Pool or Exploratory Area
TRISTE DRAW-DELAWARE/TRISTE DRAW-DELAWARE

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
SEC 31/T23S/R32E/NMP

11. Country or Parish, State
LEA/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 recomplete 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 perfonned 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 recompletion 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 detennined that the site is ready for final inspection.)

See attached Subs to P&A

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
RONI KIDD / Ph: (575) 390-2069

Title
Business Manager

Signature (Electronic Submission)

Date
09/22/2025

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
JAMES A AMOS / Ph: (575) 234-5927 / Accepted

Acting Assistant Field Manager

Date
09/23/2025

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
CARLSBAD

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

Additional Information

Location of Well

0. SHL: SWSW / 660 FSL / 900 FWL / TWSP: 23S / RANGE: 32E / SECTION: 31 / LAT: 32.2554621 / LONG: -103.7200235 (TVD: 0 feet, MD: 0 feet)

BHL: SWSW / 660 FSL / 900 FWL / TWSP: 23S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

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. **NM 18848**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

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

8. Well Name and No. **SDE 31 FED #16**2. Name of Operator **HARVARD PETROLEUM COMPANY, LLC**9. API Well No. **30-025-38138**3a. Address **P.O. BOX 936, 200 E. SECOND
ROSWELL, NM 88202**3b. Phone No. (include area code)
(575) 623-158110. Field and Pool or Exploratory Area
Triste Draw; Delaware West

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

6600' FSL & 900' FWL Section 31 T-23S R-32E

11. Country or Parish, State

Lea NM**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

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Harvard Petroleum performed the following procedure on 8/20/2025 to properly plug the well:

MIRU WO Rig. POOH w/ rods and tubing.

1. RIH with 4.75" bit and scraper to 8465'. POOH, layed down bit and scraper. RIH to 8465', spot 25 sx Class H. Tagged TOC @ 8220'.

2. Set CIBP @ 8180'. Spotted 25 sx Class H on top of CIBP.

3. Tagged TOC @ 7904'. Loaded hole with mud and circulated. Pressure tested to 500 psi for 30 min. Good test.

4. Spotted 25 sx Class C @ 6835'. RIH, tagged TOC @ 6665'.

5. Spotted 44 sx Class C @ 4660'. RIH, tagged TOC @ 4225'.

6. Perfed string shot @ 1236'. Established injection rate, squeezed 92 sx Class C. RIH, tagged TOC @ 201'.

7. TOOH to 100', perfed and squeezed 100 sx Class C to surface. Verified cement at surface.

On 9/2/2025, Casing was cut off 3' below ground level. A steel plate was welded on top of the casing strings and a dry hole marker was installed. The location has commenced remediation operations to be remediated to BLM standards.

Attachments: Photos of Dry Hole Marker and Actual WBD.

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

Jason Harms

Petroleum Engineer

Title

Signature



Date

09/18/2025

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.

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Well Bore Diagram Worksheet

Operator: Harvard Petroleum Co.
 Well Name: SDE 31 Fed 16
 API #: 30-025-38138
 Location: 31, 23S, 32E

Date Spud: 11/8/2006
 Date Complete: 4/15/2007

Perf @ 100'
 Sqz 100 sx Class C
 Cmt to Surface

PLUGS

Perf @ 1236'
 Sqz 92 sx Class C
 Tag TOC @ 201'

44 sx Class C @ 4660'
 Tag TOC @ 4225'

25 sx Class C @ 6835'
 Tag TOC @ 6665'

Set CIBP @ 8180'
 25 sx Class C
 Tag TOC @ 7904'

25 sx Class C @ 8465'
 8465' - 8220'

17.5" Hole

13 3/8" 48# @ 902
 710 sx circ

11" hole

TOC 2200

8 5/8" 24 & 32# @ 4420
 1070 sx, Circ.

7 7/8" hole

Formation Top

Rustler

Solado

Lamar

Delaware

Cherry Can

Brushy Draw

Bone Springs

DV 6783
 2nd stage 700 sx

Perfs: 8230-8374

PBTD 9250
 5 1/2" 17 @ 9303
 1st stage 650 sx

TD 9303

COMPANY LLC

SDE 31 FED 16

3002538138

SEC31 /T23S /R32E

3225516N-103.71992W

LEA/ NM

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

Action 509407

CONDITIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 509407
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	9/26/2025