

Well Name: TODD 13G FEDERAL	Well Location: T23S / R31E / SEC 13 / SWNE / 32.3062417 / -103.7293451	County or Parish/State: EDDY / NM
Well Number: 21	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0404441	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001531514	Well Status: Abandoned	Operator: HARVARD PETROLEUM COMPANY LLC

Subsequent Report

Sundry ID: 2771516

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 01/24/2024

Time Sundry Submitted: 10:23

Date Operation Actually Began: 01/24/2024

Actual Procedure: See attached 3160-5 Subsequent to P&A

SR Attachments

Actual Procedure

Todd_13G_Federal_21__subs_to_P_A_20240124101959.pdf

SR Conditions of Approval

Specialist Review

3001531514_Todd_13G_Federal_21_SR_plugging_20240125105220.pdf

Well Name: TODD 13G FEDERAL

Well Location: T23S / R31E / SEC 13 /
SWNE / 32.3062417 / -103.7293451County or Parish/State: EDDY /
NM

Well Number: 21

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0404441

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001531514

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: RONI KIDD

Signed on: JAN 24, 2024 10:20 AM

Name: HARVARD PETROLEUM COMPANY LLC

Title: Business Manager

Street Address: PO BOX 936

City: ROSWELL State: NM

Phone: (575) 390-2069

Email address: RKIDD@HPCNM.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: 01/25/2024

Signature: James A Amos

Form 3160-5
(June 2019)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. 1004-0137
Expires: October 31, 2021

5. Lease Serial No. NMNM0404441

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPPLICATE - Other instructions on page 2

1. Type of Well

 Oil Well Gas Well Other

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

2. Name of Operator HARVARD PETROLEUM COMPANY LLC

8. Well Name and No. TODD 13G FEDERAL/21

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

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

9. API Well No. 3001531514

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

SEC 13/T23S/R31E/NMP

10. Field and Pool or Exploratory Area
INGLE WELLS-DELAWARE/INGLE WELLS-DELAWA11. Country or Parish, State
EDDY/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 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 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 determined that the site is ready for final inspection.)

See attached 3160-5 Subsequent to P&A

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) RONI KIDD / Ph: (575) 390-2069	Business Manager Title
Signature (Electronic Submission)	Date 01/24/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Acting Assistant Field Manager
Title01/25/2024
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 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: SWNE / 1980 FNL / 1980 FEL / TWSP: 23S / RANGE: 31E / SECTION: 13 / LAT: 32.3062417 / LONG: -103.7293451 (TVD: 0 feet, MD: 0 feet)

BHL: SWNE / 1980 FNL / 1980 FEL / TWSP: 23S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

Well Name: TODD 13G FEDERAL	Well Location: T23S / R31E / SEC 13 / SWNE / 32.3062417 / -103.7293451	County or Parish/State: EDDY / NM
Well Number: 21	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0404441	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001531514	Well Status: Oil Well Shut In	Operator: HARVARD PETROLEUM COMPANY LLC

Subsequent Report

Sundry ID: 2771516

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 01/24/2024

Time Sundry Submitted: 10:23

Date Operation Actually Began: 01/24/2024

Actual Procedure: See attached 3160-5 Subsequent to P&A

SR Attachments

Actual Procedure

Todd_13G_Federal_21_subs_to_P_A_20240124101959.pdf

ABD 12-14-23 Reclamation Due 6-14-24

Accepted for Record 1-25-24

James A. Lewis

Well Location: T23S / R31E / SEC 13 / SWNE / 32.3062417 / -103.7293451

County or Parish/State: EDDY / NM

Well Number: 21

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0404441

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001531514

Well Status: Oil Well Shut In

Operator: HARVARD PETROLEUM COMPANY LLC

Operator

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Operator Electronic Signature: RONI KIDD

Signed on: JAN 24, 2024 10:20 AM

Name: HARVARD PETROLEUM COMPANY LLC

Title: Business Manager

Street Address: PO BOX 936

City: ROSWELL State: NM

Phone: (575) 390-2069

Email address: RKIDD@HPCNM.COM

Field

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

Form 3160-5
(June 2019)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. 1004-0137
Expires: October 31, 2021

5. Lease Serial No. NMNM0404441

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPPLICATE - Other instructions on page 2

1. Type of Well

 Oil Well Gas Well Other

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

2. Name of Operator HARVARD PETROLEUM COMPANY LLC

8. Well Name and No. TODD 13G FEDERAL/21

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

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

10. Field and Pool or Exploratory Area

INGLE WELLS-DELAWARE/INGLE WELLS-DELAWARE

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

SEC 13/T23S/R31E/NMP

11. Country or Parish, State

EDDY/NM

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

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	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon			
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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 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 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 determined that the site is ready for final inspection.)

See attached 3160-5 Subsequent to P&A

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

Business Manager
Title

Signature (Electronic Submission)

Date 01/24/2024

*Accepted for Record***THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

James L. Davis

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.

Title SEPS

Date 1.25.24

Office CFD

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(Instructions on page 2)

Additional Information

Location of Well

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BHL: SWNE / 1980 FNL / 1980 FEL / 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 MANAGEMENT

SUNDY 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. 1004-0137 Expires:
December 31, 2024

5. Lease Serial No. NM0404441

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPPLICATE - Other instructions on page 2

1. Type of Well

 Oil Well Gas Well Other

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

2. Name of Operator Harvard Petroleum Company

8. Well Name and No. TODD 13 G Federal #21

3a. Address PO Box 936, Roswell, NM 88202

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

10. Field and Pool or Exploratory Area

Ingle Wells Delaware

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

1980 FNL & 1980 FEL Section 13, T23S, R31E

11. Country or Parish, State

Eddy, New Mexico

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

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Harvard Petroleum plugged this well as shown on attached plugging report and Well Bore Diagram:

After the well was plugged, the casing was dug out and cut off, pictures are included in the plugging report.

Attachments: Plugging Report and Plugged Wellbore Diagram,

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

Phelps White

Title Consultant

Signature 

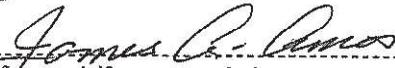
Date

01/23/2024

Accepted for Record

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by



Title SEAS

Date 1-25-24

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Office CTO

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(Instructions on page 2)

Harvard / Buckhorn

Well Name	Todd 13 G Fed 21
API #	30-015-31514
Location	T23S, R31E, Sec 13: 1980' FNL & 1980' FEL, Eddy County, NM
Day	BLM Reps: Gabriel Benaway 575 234 5919 and Dennis Brockman 575 231 4311
0	11/15 to 28/2023 Notice of plugging was given to BLM 11/16/23 AM. Move in Flying A plugging equipment, Frack Tank and Flowback tank. Dig out wellhead, blowdown pressure, NU BOP.
1	11/29/2023 <u>RIH tallying tubing to 8461'</u> , Rig up cementing equipment and SDFN.
2	11/30/2023 Pump 35 bbls to clear tubing. <u>Spot 25 sx class H @ 8461' (plug 1; 8220 to 8461')</u> . POH. RU wireline and RIH w/ gauge ring to 7105'. RIH w/ CIBP and set at 7086'. <u>Dump 2 bailers (35' class H cement) on top of CIBP</u> . Shut down for wind.
3	12/1/2023 RIH to 6176'. Circulate hole w/ plug mud. Could not get casing to test.
4	12/4/2023 RIH w/ packer and 10 joints tail pipe. Set packer at 5800'. Pump down tubing to test casing, No test. SDFN
5	12/5/2023 RIH to set packer @ 6300' to test below DV tool, no test. RIH to tag @ 6997'. Set packer and still no test. Call BLM (Gabriel) and got permission to pump a plug on top of CIBP. Set packer w/ 6997' and squeeze 35 sx class H on vaccuum. Pull up and pump 35 sx @ 6610'. Pull up 15 stands and WOC 4 hours. Check cement sample and it has not hardened. SDFN
6	12/6/2023 Set packer @ 5170'. Load tubing and pressure casing 600 psi for 10 min. Release packer and roll hole w/ plug mud. Test casing 500 psi 30 min, OK. RIH to leave EOT at 6184'. Pump 25 sx class C plug. Pull 15 stands and WOC. RIH and tag plug @ 6034'. Pull 15 up to 5488' and pump 25 sx class C plug. Pull stands and SDFN
7	12/7/2023 Finish POH, remove packer and Run back in hole to 4589'. Pump 70 sx class C cement. Pull up and SDFN WOC.
	12/8/2023 RIH and tag plug @ 3906'. Pump 130 sx class C cement @ 3906', WOC. SD for Wind
	12/11/2023 RIH and tag plug @ 2671'. Pump 90 sx class C cement, SDFN
	12/12/2023 RIH and tag plug @ 1722'. POH, remove BHA. RIH w/ 300' tailpipe and packer. Perforate 1594' - No injection, Perforate 1569 - No Injection, Perforate 1544', Perforate 1544' - no injection, Perforate 1520' - No injection, perf 1495' - No injection. POH w/ packer and tubing and prep for CBL tomorrow. SDFN
	12/13/2023 Integrity Wireline ran a CBL and found 100% bond at 1606' but the bond does not look clear until 1450'. Send scan of CBL to BLM with request to perforate at 1450'.

BLM gave orders to perforate 1400'. Perforate 1400' and establish good circulation. RIH to tag at 1722' (with tail pipe). Pump 30 sx @ 1722', pull up and set packer with tailpipe at 1039'. Pump 200 sx class C cement to bring cement to surface. Displace out of tubing and SDFN.

12/14/2023 POH, remove packer and RIH to tag plug @ 1200'. Load casing from 1200' to surface w/ 120 sx class C cement. RD and begin moving to next well.

1/22/2024 Dig out and cut off casings. Cement behind 8 5/8" is 9' below ground. Checked with bLM and they approved. Install plate with DH information



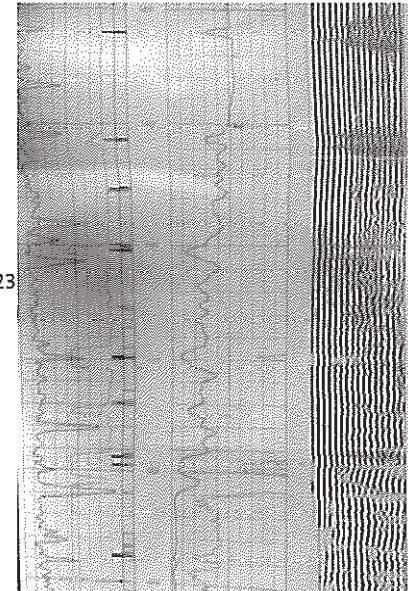
Well Bore Diagram Worksheet

Operator: Harvard Petroleum Co.
 Well Name: Todd 13 G Fed 21
 API #: 30-015-31514
 Location: 13, 23S, 31E

Date Spud: 9/13/2001
 Date Complete: 10/31/2001

120 sx class C @ 1200'
 Surface to 1200'
 squeeze 200 sx
 class C
 1200' tagged to surface
 30 sx class C @ 1722'
 1400 tagged to 1722
 Perforate 1400'
 Perforate 1594', 69', 44
 20, 1495 no inj.
 90 sx class C @ 2671'
 1722 tagged to 2671'
 130 sx class C @ 3906'
 2671 tagged to 3906'
 70 sx class C @ 4589
 3906 tagged to 4589

13 3/8" 48# @ 830
 950 sx circ
 TOC 1450' CBL 12/23



8 5/8" 32# @ 4520
 1200 sx, Circ.

25 sx @ 5488'
 5258 to 5488
 25 sx class C @ 6184'
 6034 tagged to 6184
 35 sx @ 6610
 Tag 6597 to 6997
 35 sx sq @ 6997'
 35' class H on top of CIBP
 CIBP @ 7086'
 25 sx class H @ 8461
 8276-8461

Formation Top

Rustler	832
Solado	1182
Lamar	
Delaware	4520
Cherry Can	est 5684
Brushy Draw	7034
Bone Springs	8411

DV 6126

Perfs: 7145-56

Perfs: 8318-8338

PBTD 8510
 5 1/2" 17 & 15.5 @ 8560
 1150 sx

TD 8560

Form 3160-5
(June 2019)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. 1004-0137 Expires:
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5. Lease Serial No. NM0404441

6. If Indian, Allottee or Tribe Name

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8. Well Name and No. TODD 13 G Federal #21

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10. Field and Pool or Exploratory Area
Ingle Wells Delaware11. Country or Parish, State
Eddy, New Mexico**SUBMIT IN TRIPPLICATE - Other instructions on page 2**

1. Type of Well

 Oil Well Gas Well Other

2. Name of Operator Harvard Petroleum Company

3a. Address PO Box 936, Roswell, NM 88202

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

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

1980 FNL & 1980 FEL Section 13, T23S, R31E

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

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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 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 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 determined that the site is ready for final inspection.)

Harvard Petroleum plugged this well as shown on attached plugging report and Well Bore Diagram:

After the well was plugged, the casing was dug out and cut off, pictures are included in the plugging report.

Attachments: Plugging Report and Plugged Wellbore Diagram,

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

Phelps White

Consultant
TitleSignature 

Date 01/23/2024

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)

Harvard / Buckhorn

Well Name **Todd 13 G Fed 21**
 API # 30-015-31514
 Location T23S, R31E, Sec 13: 1980' FNL & 1980' FEL, Eddy County, NM

Day BLM Reps: Gabriel Benaway 575 234 5919 and Dennis Brockman 575 231 4311

0 11/15 to 28/2023 Notice of plugging was given to BLM 11/16/23 AM. Move in Flying A plugging equipment, Frack Tank and Flowback tank. Dig out wellhead, blowdown pressure, NU BOP.

1 11/29/2023 RIH tallying tubing to 8461', Rig up cementing equipment and SDFN.

2 11/30/2023 Pump 35 bbls to clear tubing. Spot 25 sx class H @ 8461' (plug 1; 8220 to 8461'). POH. RU wireline and RIH w/ gauge ring to 7105'. RIH w/ CIBP and set at 7086'. Dump 2 bailers (35' class H cement) on top of CIBP. Shut down for wind.

3 12/1/2023 RIH to 6176'. Circulate hole w/ plug mud. Could not get casing to test.

4 12/4/2023 RIH w/ packer and 10 joints tail pipe. Set packer at 5800'. Pump down tubing to test casing, No test. SDFN

5 12/5/2023 RIH to set packer @ 6300' to test below DV tool, no test. RIH to tag @ 6997'. Set packer and still no test. Call BLM (Gabriel) and got permission to pump a plug on top of CIBP. Set packer w/ 6997' and squeeze 35 sx class H on vaccuum. Pull up and pump 35 sx @ 6610'. Pull up 15 stands and WOC 4 hours. Check cement sample and it has not hardened. SDFN

6 12/6/2023 Set packer @ 5170'. Load tubing and pressure casing 600 psi for 10 min. Release packer and roll hole w/ plug mud. Test casing 500 psi 30 min, OK. RIH to leave EOT at 6184'. Pump 25 sx class C plug. Pull 15 stands and WOC. RIH and tag plug @ 6034'. Pull 15 up to 5488' and pump 25 sx class C plug. Pull stands and SDFN

7 12/7/2023 Finish POH, remove packer and Run back in hole to 4589'. Pump 70 sx class C cement. Pull up and SDFN WOC.

12/8/2023 RIH and tag plug @ 3906'. Pump 130 sx class C cement @ 3906', WOC. SD for Wind

12/11/2023 RIH and tag plug @ 2671'. Pump 90 sx class C cement, SDFN

12/12/2023 RIH and tag plug @ 1722'. POH, remove BHA. RIH w/ 300' tailpipe and packer. Perforate 1594' - No injection, Perforate 1569 - No Injection, Perforate 1544', Perforate 1544' - no injection, Perforate 1520' - No injection, perf 1495' - No injection. POH w/ packer and tubing and prep for CBL tomorrow. SDFN

12/13/2023 Integrity Wireline ran a CBL and found 100% bond at 1606' but the bond does not look clear until 1450'. Send scan of CBL to BLM with request to perforate at 1450'.

BLM gave orders to perforate 1400'. Perforate 1400' and establish good circulation. RIH to tag at 1722' (with tail pipe). Pump 30 sx @ 1722', pull up and set packer with tailpipe at 1039'. Pump 200 sx class C cement to bring cement to surface. Displace out of tubing and SDFN.

12/14/2023 POH, remove packer and RIH to tag plug @ 1200'. Load casing from 1200' to surface w/ 120 sx class C cement. RD and begin moving to next well.

1/22/2024 Dig out and cut off casings. Cement behind 8 5/8" is 9' below ground. Checked with bLM and they approved. Install plate with DH information



Well Bore Diagram Worksheet

Operator: Harvard Petroleum Co.
 Well Name: Todd 13 G Fed 21
 API #: 30-015-31514
 Location: 13, 23S, 31E

Date Spud: 9/13/2001
 Date Complete: 10/31/2001

120 sx class C @ 1200
 Surface to 1200'

 squeeze 200 sx
 class C
 1200' tagged to surface
 30 sx class C @ 1722'
 1400 tagged to 1722
 Perforate 1400'
 Perforate 1594', 69', 44
 20, 1495 no inj.
 90 sx class C @ 2671'
 1722 tagged to 2671'

 130 sx class C @ 3906'
 2671 tagged to 3906'

13 3/8" 48# @ 830
 950 sx circ

TOC 1450' CBL 12/23

70 sx class C @ 4589
 3906 tagged to 4589

8 5/8" 32# @ 4520
 1200 sx, Circ.

25 sx @ 5488'
 5258 to 5488

Formation Top

Rustler	832
Solado	1182
Lamar	
Delaware	4520
Cherry Can	est 5684
Brushy Draw	7034
Bone Springs	8411

25 sx class C @ 6184'
 6034 tagged to 6184

DV 6126

35 sx @ 6610
 Tag 6597 to 6997
 35 sx sq @ 6997'
 35' class H on top of CIBP
 CIBP @ 7086'

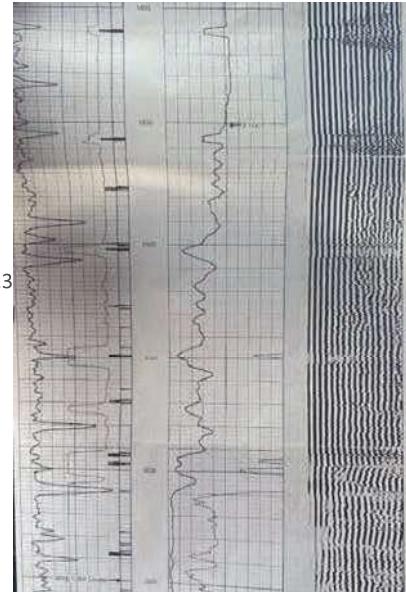
Perfs: 7145-56

25 sx class H @ 8461
 8276-8461

Perfs: 8318-8338

PBD 8510
 5 1/2" 17 & 15.5 @ 8560
 1150 sx

TD 8560



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 547046

CONDITIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 547046
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	1/29/2026