

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

Well Name: SDE 19 FEDERAL	Well Location: T23S / R32E / SEC 19 / NESW / 32.2886929 / -103.7154611	County or Parish/State: LEA / NM
Well Number: 04	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM18848	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002532909	Well Status: Abandoned	Operator: HARVARD PETROLEUM COMPANY LLC

Subsequent Report

Sundry ID: 2769822

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 01/15/2024

Time Sundry Submitted: 02:22

Date Operation Actually Began: 01/15/2024

Actual Procedure: See subsequent 31650-5 P&A attached

SR Attachments

Actual Procedure

SDE_19_Fed_4_Plug_Report_blm_20240115142201.pdf

Well Name: SDE 19 FEDERAL

Well Location: T23S / R32E / SEC 19 /
NESW / 32.2886929 / -103.7154611County or Parish/State: LEA /
NM

Well Number: 04

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM18848

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002532909

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 15, 2024 02:22 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@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: 01/16/2024

Signature: James A Amos

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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. 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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. SDE 19 FEDERAL/04
2. Name of Operator HARVARD PETROLEUM COMPANY LLC		9. API Well No. 3002532909
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, WEST/SAND DUNES-BC
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 19/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 recompleate 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 subsequent 31650-5 P&A attached

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 01/15/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by JAMES A AMOS / Ph: (575) 234-5927 / Accepted	Title Acting Assistant Field Manager	Date 01/16/2024
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: NESW / 2180 FSL / 2310 FWL / TWSP: 23S / RANGE: 32E / SECTION: 19 / LAT: 32.2886929 / LONG: -103.7154611 (TVD: 0 feet, MD: 0 feet)

BHL: NESW / 2180 FSL / 2310 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:
December 31, 2024**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. NM18848

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

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

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

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

8. Well Name and No. SDE "19" Federal #4

9. API Well No. 30-025-32909

10. Field and Pool or Exploratory Area
Triste Draw Delaware, West4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2180 FSL & 2310 FWL Section 19, T23S, R32E11. Country or Parish, State
Lea, New Mexico

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.)

Harvard Petroleum plugged this well as shown on the attached Plugging Report and wellbore diagram:

Attachments: Plugging Report and Plugged Wellbore Diagram

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

Phelps White

Consultant

Title

Signature

Date

01/15/2024

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 **SDE 19 Fed 4**
API # 30-025-32909
Location T23S, R32E, Sec 19: Lea County, NM

Day Estimated Plugging Cost
BLM Reps: Robert Windham 575 665 8632

- 0 26-Dec-23 Notified BLM of rig move in and plugging commence
Permian 5 moved equipment to location.

- 1 12/27/2023 RIH w/ bit and scraper to 8992'. Pull up to 8583', circulate hole and spot 25 sx class H cement @ 8583'. Pull 30 joints and SDFN. Will tag tomorrow morning.

- 2 12/28/2023 RIH and tag plug @ 8391'. POH w/ bit and scraper. RIH w/ CIBP and set at 8220'. Spot 25 sx class H cement on top of CIBP. Circulate well w/ plug mud and test casing 500 psi 30 minutes, good test. Spot 96 sx class H cement at 7912' POH 45 stands and SDFN. Will tag tomorrow first thing.

- 3 12/29/2023 RIH and tag @ 6875'. Pull up and spot 25 sx class C plug @ 5390'. POH w/ 30 stands. SD for NY.

- 4 1/3/24 RIH and tag plug @ 5197'. Pull up and spot 45 sx class C @ 4708'. WOC and tag at 4234'. Perforate 1254'. Set packer and establish good circulation to surface. Squeeze 172 sx @ 1254'. SDFN. Will tag tomorrow morning.

1/4/24 RIH and tag plug @ 480'. Pull up and perforate 200'. Establish good circulation and pump 200 bbls class C cement to load all casings with cement from surface to 200'.

1/12/24 Dig out and cut off wellhead. All strings are cemented to surface. Install plate w/ dry hole marker info.



Well Bore Diagram Worksheet

Operataor: Harvard Petroleum Co.

Well Name: SDE 19 Fed 4

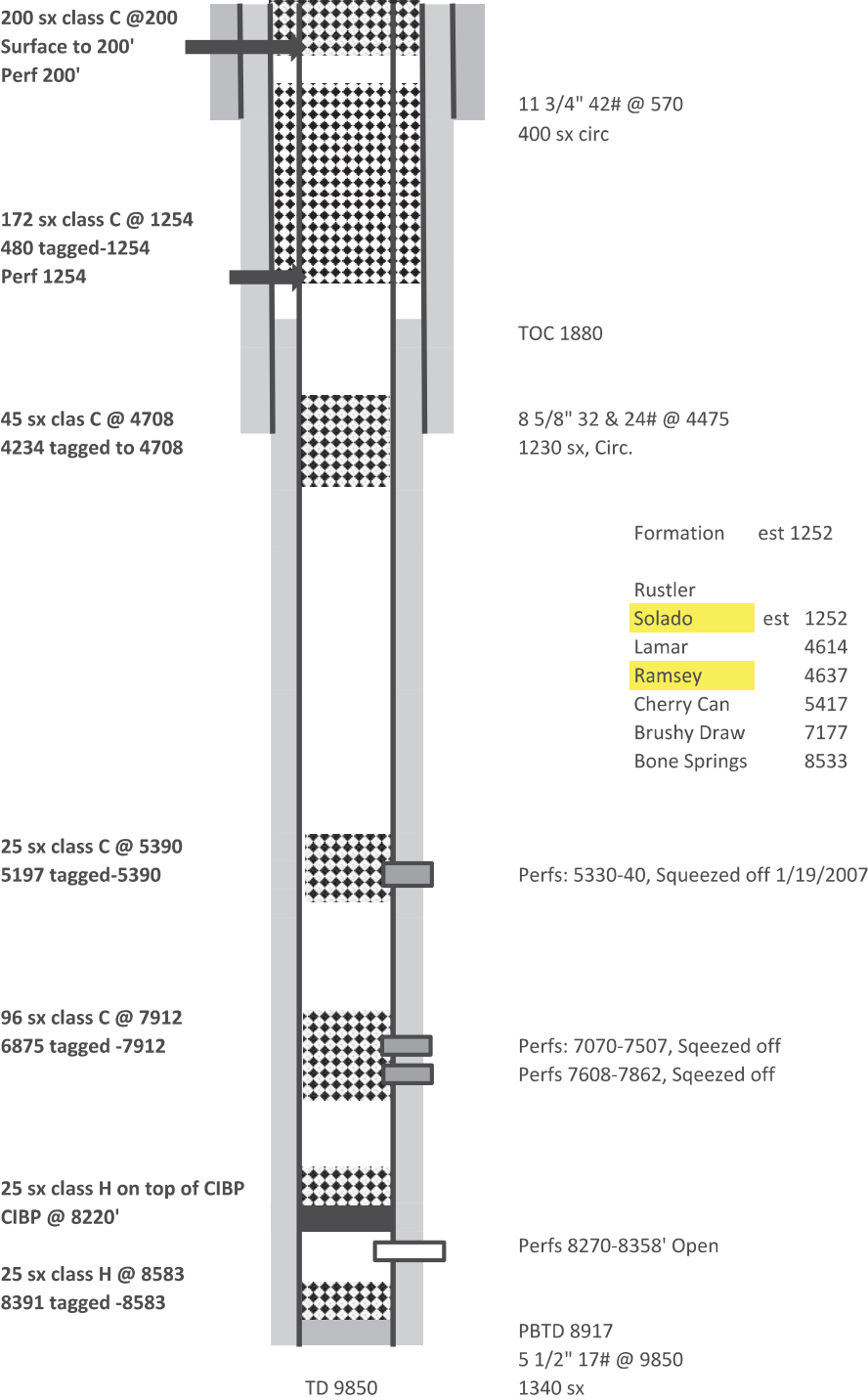
API # 30-025-32909

Location: 19, 23S, 32E

Date Spud: 1/11/2007

Date Complete: 2/8/2007

Plugs



Harvard / Buckhorn

Well Name **SDE 19 Fed 4**
API # 30-025-32909
Location T23S, R32E, Sec 19: Lea County, NM

Day Estimated Plugging Cost
BLM Reps: Robert Windham 575 665 8632

- 0

26-Dec-23

Notified BLM of rig move in and plugging commence
Permian 5 moved equipment to location.
- 1

12/27/2023

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- 2

12/28/2023

RIH and tag plug @ 8391'. POH w/ bit and scraper. RIH w/ CIBP and set at 8220'. Spot 25 sx class H cement on top of CIBP. Circulate well w/ plug mud and test casing 500 psi 30 minutes, good test. Spot 96 sx class H cemnt at 7912' POH 45 stands and SDFN. Will tag tomorrow first thing.
- 3

12/29/2023

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- 4

1/3/24

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- 1/4/24

RIH and tag plug @ 480'. Pull up and perforate 200'. Establish good circulation and pump 200 bbls class C cement to load all casings with cement from surface to 200'.
- 1/12/24

Dig out and cut off wellhead. All strings are cemented to surface. Install plate w/ dry hole marker ifno.



Well Bore Diagram Worksheet

Operataor: Harvard Petroleum Co.

Well Name: SDE 19 Fed 4

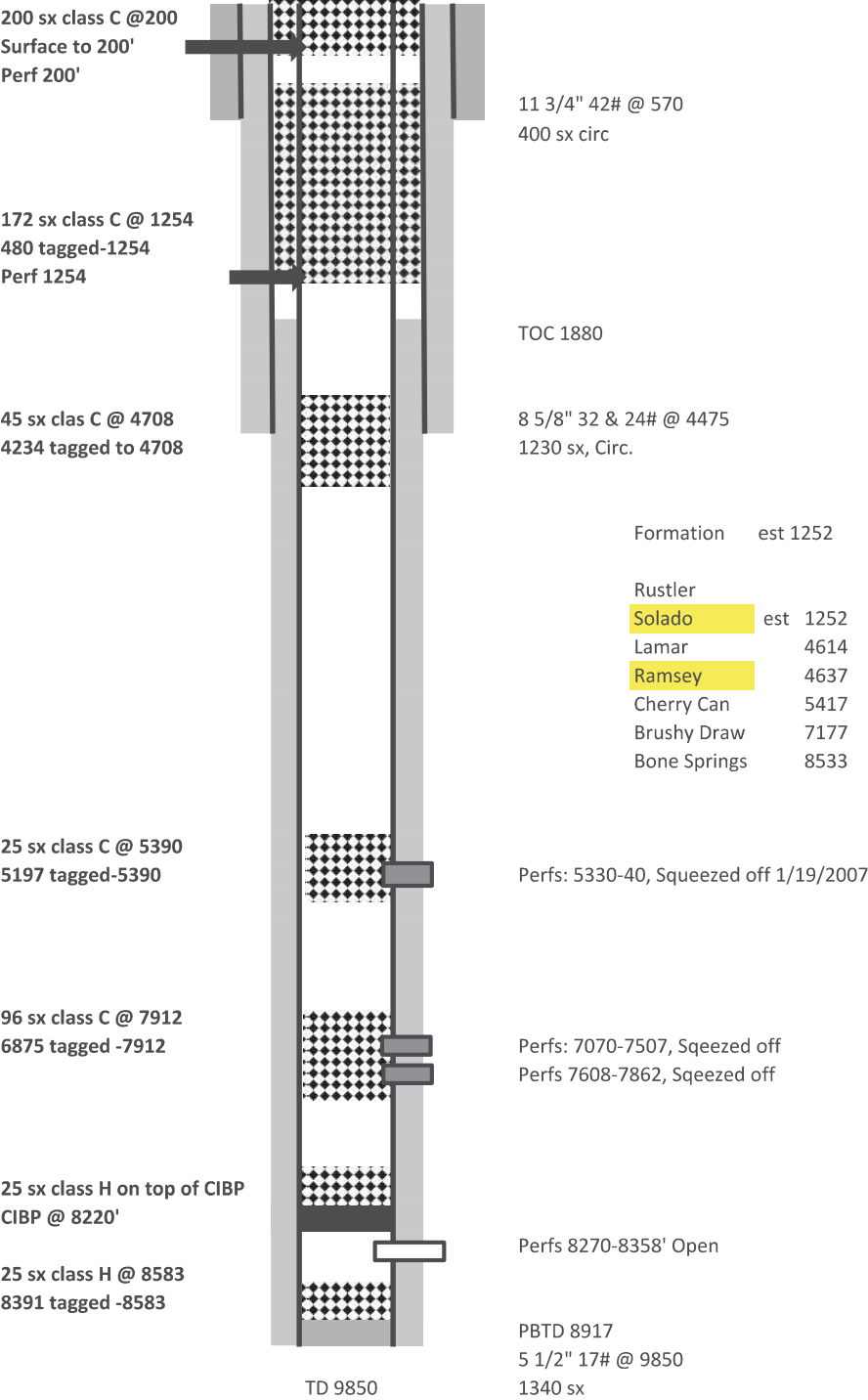
API # 30-025-32909

Location: 19, 23S, 32E

Date Spud: 1/11/2007

Date Complete: 2/8/2007

Plugs



Harvard / Buckhorn

Well Name **SDE 19 Fed 4**
API # 30-025-32909
Location T23S, R32E, Sec 19: Lea County, NM

Day Estimated Plugging Cost
BLM Reps: Robert Windham 575 665 8632

- 0 26-Dec-23 Notified BLM of rig move in and plugging commence
Permian 5 moved equipment to location.

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Well Bore Diagram Worksheet

Operataor: Harvard Petroleum Co.

Well Name: SDE 19 Fed 4

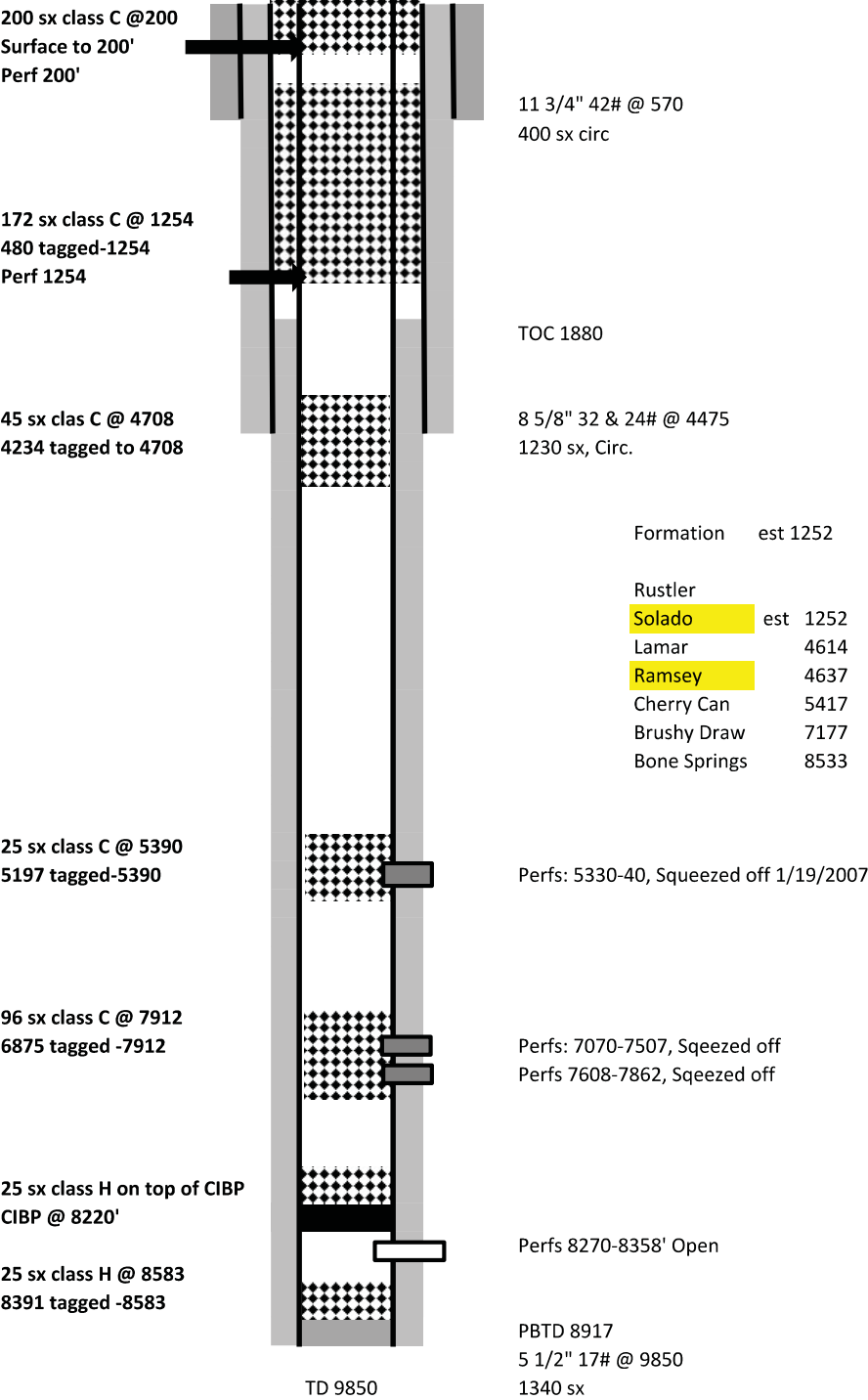
API # 30-025-32909

Location: 19, 23S, 32E

Date Spud: 1/11/2007

Date Complete: 2/8/2007

Plugs



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

COMMENTS

Action 324623

COMMENTS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 324623
	Action Type: [C-103] Sub. Plugging (C-103P)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	4/8/2024

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 324623

CONDITIONS

Operator: HARVARD PETROLEUM COMPANY, LLC P.O. Box 936 Roswell, NM 88202	OGRID: 10155
	Action Number: 324623
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	accepted for record - gc	4/4/2024