

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. **NMNM4312**

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

**EARTHSTONE OPERATING LLC**3a. Address **1400 WOODLOCH FOREST DRIVE SUITE 300,**3b. Phone No. (include area code)  
**(281) 298-4240**

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

8. Well Name and No. **PENNZOIL FED/02**9. API Well No. **3002526499**10. Field and Pool or Exploratory Area  
**N QUAIL RIDGE/N QUAIL RIDGE**

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

**SEC 12/T19S/R33E/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 type="checkbox"/> Plug and Abandon	<input checked="" 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 detennined that the site is ready for final inspection.)

EARTHSTONE OPERATING, LLC RESPECTFULLY REQUESTS A TEMPORARILY ABANDON STATUS EXTENSION FOR THE PERIOD OF ONE YEAR TO FURTHER EVALUATE UPHOLE POTENTIAL. AN MIT WAS CONDUCTED ON 07/17/2023 W/K.

FORTNER OF THE NMOC PRESENT. PRESSURE TEST WAS CONDUCTED FOR 32 MIN;

START: 560 PSI

END: 520 PSI

MIT PASSED

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

**JENNIFER ELROD / Ph: (817) 953-3728**

Senior Regulatory Technician

Title

Signature

Date

**07/18/2023****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

**JONATHON W SHEPARD / Ph: (575) 234-5972 / Approved**

Petroleum Engineer

Title

**07/20/2023**

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: SENE / 1980 FNL / 660 FEL / TWSP: 19S / RANGE: 33E / SECTION: 12 / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )

BHL: SENE / 1980 FNL / 660 FEL / TWSP: 19S / SECTION: / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )

Well Name: PENNZOIL FED	Well Location: T19S / R33E / SEC 12 / SENE /	County or Parish/State: LEA / NM
Well Number: 02	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM4312	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002526499	Well Status: Producing Gas Well	Operator: EARTHSTONE OPERATING LLC

Subsequent Report

Sundry ID: 2741647

Type of Submission: Subsequent Report	Type of Action: Temporary Abandonment
Date Sundry Submitted: 07/18/2023	Time Sundry Submitted: 03:49
Date Operation Actually Began: 07/17/2023	

**Actual Procedure:** EARTHSTONE OPERATING, LLC RESPECTFULLY REQUESTS A TEMPORARILY ABANDON STATUS EXTENSION FOR THE PERIOD OF ONE YEAR TO FURTHER EVALUATE UPHOLE POTENTIAL. AN MIT WAS CONDUCTED ON 07/17/2023 W/K. FORTNER OF THE NMOCD PRESENT. PRESSURE TEST WAS CONDUCTED FOR 32 MIN; START: 560 PSI END: 520 PSI MIT PASSED

SR Attachments

**Actual Procedure**

PENNZOIL\_FED\_2\_TA\_EXT\_MIT\_CHART\_20230718154848.pdf

SR Conditions of Approval

**Specialist Review**

TA\_COA\_20230719215209.pdf



Well Name: PENNZOIL FED	Well Location: T19S / R33E / SEC 12 / SENE /	County or Parish/State: LEA / NM
Well Number: 02	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM4312	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002526499	Well Status: Producing Gas Well	Operator: EARTHSTONE OPERATING 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: JENNIFER ELROD

Signed on: JUL 18, 2023 03:48 PM

Name: EARTHSTONE OPERATING LLC

Title: Senior Regulatory Technician

Street Address: 1400 WOODLOCH FOREST DR STE 300

City: THE WOODLANDSState: TX

Phone: (817) 953-3728

Email address: JELROD@EARTHSTONEENERGY.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345972

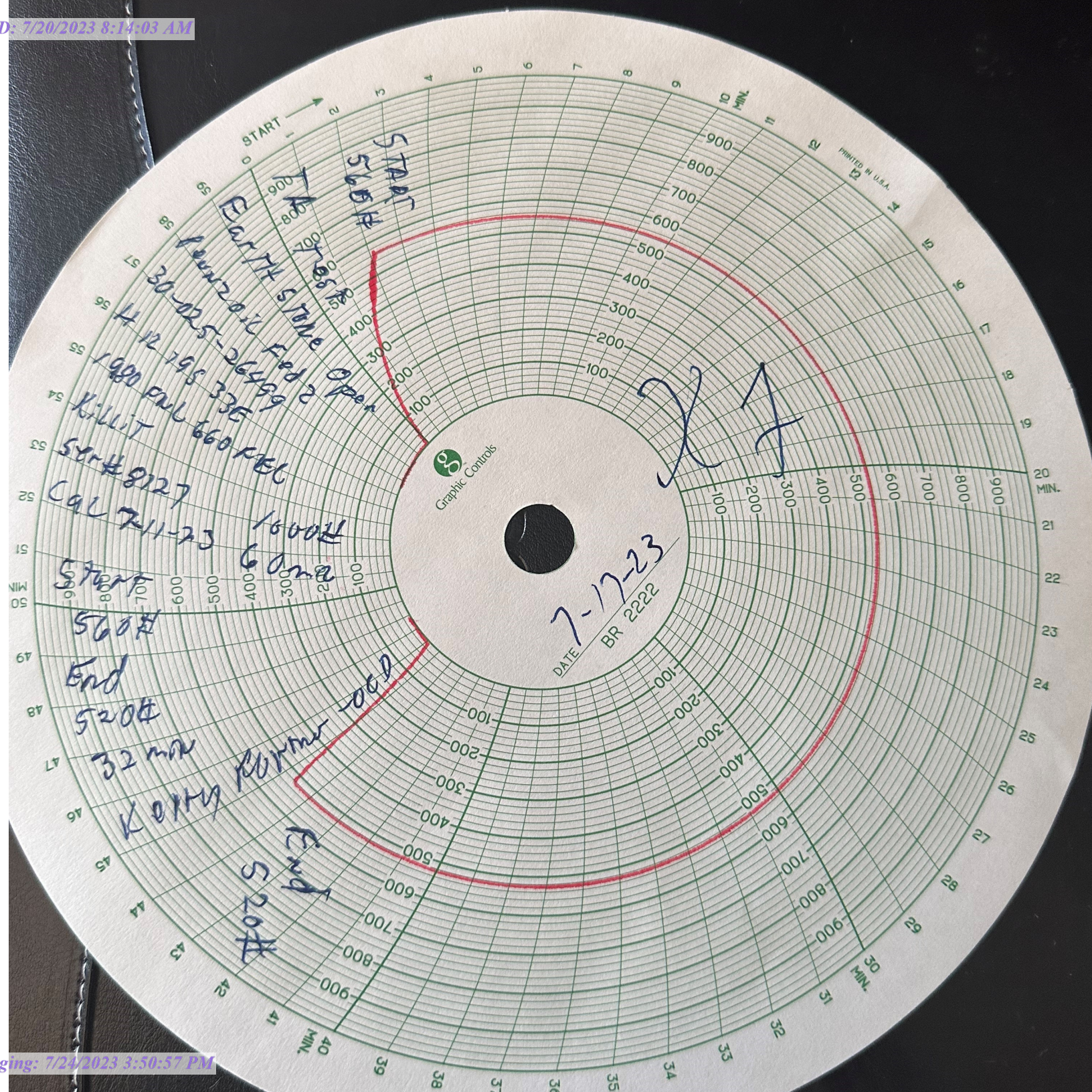
BLM POC Email Address: jshepard@blm.gov

Disposition: Approved

Disposition Date: 07/19/2023

Signature: Jonathon Shepard







District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division Hobbs District Office

## BRADENHEAD TEST REPORT

Operator Name <b>EARTHSTONE Operating</b>	API Number <b>30-025-26499</b>
Property Name <b>Pennzoil Federal</b>	Well No. <b>002</b>

## 7. Surface Location

UL - Lot <b>H</b>	Section <b>12</b>	Township <b>19S</b>	Range <b>33E</b>	Feet from <b>1980</b>	N/S Line <b>N</b>	Feet From <b>660</b>	E/W Line <b>E</b>	County <b>Lea</b>
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## Well Status

TA'D WELL <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	SHUT-IN <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	INJECTOR <input type="checkbox"/> INJ <input type="checkbox"/> SWD	PRODUCER <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS	DATE <b>7-17-23</b>
--	--	---	--	------------------------

## OBSERVED DATA

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csg	(E)Tubing
Pressure	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<b>NA</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Flow Characteristics					<b>TA</b>
Puff	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	CO2 <input type="checkbox"/>
Steady Flow	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	WTR <input type="checkbox"/>
Surges	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	GAS <input type="checkbox"/>
Down to nothing	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Type of Fluid
Gas or Oil	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Injected for
Water	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Waterflood if applies

Remarks - Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

**TA test**  
**KILL**  
**ser A 8127**  
**cal 7-11-23**

Signature:		OIL CONSERVATION DIVISION
Printed name:		Entered into RBDMS
Title:		Re-test
E-mail Address:		<b>Kerry</b>
Date:	Phone:	
Witness: <b>Kerry Forner OCD</b>		

INSTRUCTIONS ON BACK OF THIS FORM





Last Updated: 2/4/2021 10:04 AM

<b>Field Name</b>		<b>Lease Name</b>		<b>Well No.</b>		
Pennzoil Federal 2		Pennzoil		2		
<b>County</b>		<b>State</b>		<b>API No.</b>		
LEA		NM		30025264990000		
<b>Version</b>		<b>Version Tag</b>				
0						
<b>GL (ft)</b>	<b>KB (ft)</b>	<b>Section</b>	<b>Township/Block</b>	<b>Range/Survey</b>		
3,776.0		12	19S	33E		
<b>Operator</b>		<b>Well Status</b>	<b>Latitude</b>	<b>Longitude</b>		
Chisholm Energy		TA Pending				
<b>Dist. N/S (ft)</b>	<b>Dir. N/S</b>	<b>Dist. E/W (ft)</b>	<b>Dir. E/W</b>	<b>Footage From</b>		
1980	FNL	660	FEL			
<b>Prop Num</b>		<b>Spud Date</b>		<b>Comp. Date</b>		
		11/1/1979		1/6/1980		
<b>Additional Information</b>						
<b>Other 1</b>		<b>Other 2</b>		<b>Other 3</b>		
<b>Prepared By</b>		<b>Updated By</b>		<b>Last Updated</b>		
sbrodbeck		sbrodbeck		2/4/2021 10:04 AM		
<b>Hole Summary</b>						
<b>Date</b>	<b>Diam. (in)</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>	<b>Memo</b>		
	17.500	0	350			
	11.000	350	5,205			
	7.875	5,205	13,400			
<b>Tubular Summary</b>						
<b>Date</b>	<b>Description</b>	<b>O.D. (in)</b>	<b>Wt (lb/ft)</b>	<b>Grade</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>
	Surface Casing	13.375	48.00	H-40	0	350
	Intermediate Casing	8.625	32.00	S80	0	5,205
	Production Casing	5.500	17.00	N-80	0	13,400
<b>Casing Cement Summary</b>						
<b>C</b>	<b>Date</b>	<b>No. Sx</b>	<b>Csg. O.D. (in)</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>	<b>Memo</b>
		375	13.375	0	350	
		2,800	8.625	0	5,205	
		850	5.500	9,510	13,400	
<b>Tools/Problems Summary</b>						
<b>Date</b>	<b>Tool Type</b>	<b>O.D. (in)</b>	<b>I.D. (in)</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>	
1/1/1753	Cmt Tag	5.500	0.000	12,826	0	
5/1/2021	CIBP	5.500	0.000	12,846	0	
9/12/1981	Cmt Tag	5.500	0.000	13,052	0	
9/12/1981	CIBP	5.500	0.000	13,083	0	
<b>Perforation Summary</b>						
<b>C</b>	<b>Date</b>	<b>Perf. Status</b>	<b>Formation</b>	<b>OA Top (MD ft)</b>	<b>OA Bottom (MD ft)</b>	
	7/25/2002	Open	Morrow	12,946	12,952	
	9/9/1980	Squeezed	Morrow	13,179	13,213	
	1/6/1980	Isolated	Morrow "B" & "C"	13,317	13,327	

MD  
(TVD)

1,000

2,000

3,000

4,000

5,000

6,000

7,000

8,000

9,000

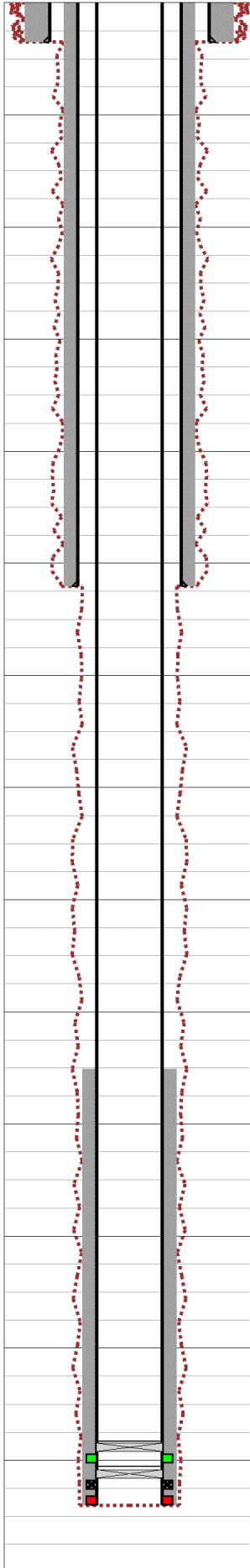
10,000

11,000

12,000

13,000

14,000





Last Updated: 2/4/2021 10:04 AM

Field Name		Lease Name		Well No.		County		State		API No.	
Pennzoil Federal 2		Pennzoil		2		LEA		NM		30025264990000	
Version	Version Tag					Spud Date		Comp. Date		GL (ft)	KB (ft)
0						11/1/1979		1/6/1980		3,776.0	
Section	Township/Block		Range/Survey		Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)		Dir. E/W	Footage From	
12	19S		33E		1,980	FNL	660		FEL		
Operator			Well Status			Latitude		Longitude		Prop Num	
Chisholm Energy			TA Pending								
Other 1		Other 2		Other 3		Other 4					
Last Updated		Prepared By				Updated By					
02/04/2021 10:04 AM		sbrodbeck				sbrodbeck					
Additional Information											
Hole Summary											
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo							
	17.500	0	350								
	11.000	350	5,205								
	7.875	5,205	13,400								
Tubular Summary											
Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Memo		
	Surface Casing		13.375	48.00	H-40		0	350			
	Intermediate Casing	124	8.625	32.00	S80		0	5,205			
	Production Casing	346	5.500	17.00	N-80	LT&C	0	13,400			
Casing Cement Summary											
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo		
		375	1.00	375	13.375	0	350				
		2,800	1.00	2,800	8.625	0	5,205				
		850	1.00	850	5.500	9,510	13,400				
Tools/Problems Summary											
Date	Tool Type		O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo			
1/1/1753	Cement Tag		5.500	0.000	12,826	0					
5/1/2021	Cast Iron Bridge Plug		5.500	0.000	12,846	0					
9/12/1981	Cement Tag		5.500	0.000	13,052	0					
9/12/1981	Cast Iron Bridge Plug		5.500	0.000	13,083	0					
Perforation Summary											
C	Date	Stage	Perf. Status	Formation		Closed Date	Memo				
	1/6/1980	1	Isolated	Morrow "B" & "C"							
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo				
13,317		13,327			6						
9/9/1980		1		Squeezed	Morrow						
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo				
13,179		13,213			20						
7/25/2002		1		Open	Morrow						
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo				
12,946		12,952									

**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 242460

COMMENTS

Operator: Earthstone Operating, LLC 1400 Woodloch Forest; Ste 300 The Woodlands, TX 77380	OGRID: 331165
	Action Number: 242460
	Action Type: [C-103] Sub. Temporary Abandonment (C-103U)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	7/24/2023

**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 242460

CONDITIONS

Operator: Earthstone Operating, LLC 1400 Woodloch Forest; Ste 300 The Woodlands, TX 77380	OGRID: 331165
	Action Number: 242460
	Action Type: [C-103] Sub. Temporary Abandonment (C-103U)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Like approval from BLM	7/24/2023