

Well Name: AAO FEDERAL	Well Location: T18S / R27E / SEC 1 / NENW / 32.7815436 / -104.2342294	County or Parish/State: EDDY / NM
Well Number: 13	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0557371	Unit or CA Name:	Unit or CA Number:
US Well Number: 300150071000S2	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2877217

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 10/06/2025	Time Sundry Submitted: 09:27
Date Operation Actually Began: 09/22/2025	

Actual Procedure: PLEASE SEE ATTACHED DOCUMENTS. REQUEST EXPEDITED PROCESSING IF POSSIBLE.

SR Attachments

Actual Procedure

AAO_FED_013___BLM_SUNDRY_POST_PLUG___AS_FILED_10_6_25_20251006092732.pdf

Well Name: AAO FEDERAL	Well Location: T18S / R27E / SEC 1 / NENW / 32.7815436 / -104.2342294	County or Parish/State: EDDY / NM
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US Well Number: 300150071000S2	Operator: HILCORP ENERGY COMPANY	

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: ANGELA KOLIBA	Signed on: OCT 06, 2025 09:27 AM
Name: HILCORP ENERGY COMPANY	
Title: Regulatory/Operations Tech	
Street Address: 1111 TRAVIS STREET	
City: HOUSTON	State: TX
Phone: (713) 591-1244	
Email address: ANGELA.KOLIBA@HILCORP.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: 10/21/2025
Signature: James A Amos	

Form 3160-5
(October 2024)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.	
6. If Indian, Allottee or Tribe Name	
7. If Unit of CA/Agreement, Name and/or No.	
8. Well Name and No.	
9. API Well No.	
10. Field and Pool or Exploratory Area	
11. Country or Parish, State	

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well		
☐ Oil Well	☐ Gas Well	☐ Other
2. Name of Operator		
3a. Address	3b. Phone No. (include area code)	
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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.)

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

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

Additional Information

Location of Well

0. SHL: NENW / 660 FNL / 1980 FWL / TWSP: 18S / RANGE: 27E / SECTION: 1 / LAT: 32.7815436 / LONG: -104.2342294 (TVD: 0 feet, MD: 0 feet)

BHL: NENW / 660 FNL / 1980 FWL / TWSP: 18S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

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.

NMNM0557371

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.

AAO Federal 013

2. Name of Operator

Hilcorp Energy Services

9. API Well No.

30-015-00710

3a. Address

1111 Travis Street, Houston, TX 77002

3b. Phone No. (include area code)

(713)-209-2400

10. Field and Pool or Exploratory Area

Empire-Abo

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

Sec 1, T18S, R27E, NMP

11. 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				
☒ Subsequent Report	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Notice of Intent	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other	
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon		
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		

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JMR Services, LLC plugged this well from 9/22/2025 – 10/1/2025
Please see attached for the P&A Subsequent Report.**Well head cut off and dry hole marker installed on 10/1/2025**

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

Kelton WoodardTitle **Plugging Agent**

Signature

*Kelton Woodard*Date **10/1/2025****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.

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)

**Proposed P&A NOI
Hilcorp Energy Services
AAO Federal 013
30-015-00710**

9/22/25 MIRU.

9/23/25 Check Pressures on Well: Tubing 0 psi, Casing 0 psi, Surface 0 psi. Tagged CIBP @ 3280'. Plug (# 1) Spot (25 sxs) class (C) cement From (3281') to (2914'). Tagged Toc @ 2882'. Plug (# 2) Spot (50 sxs) class (C) cement From (1650') to (920').

9/24/25 Check Pressures on Well: Tubing 0 psi, Casing 0 psi, Surface 0 psi. RIH and tagged TOC @ 890'.

9/25/25 Check Pressures on Well: Tubing 0 psi, Casing 0 psi, Surface 0 psi.

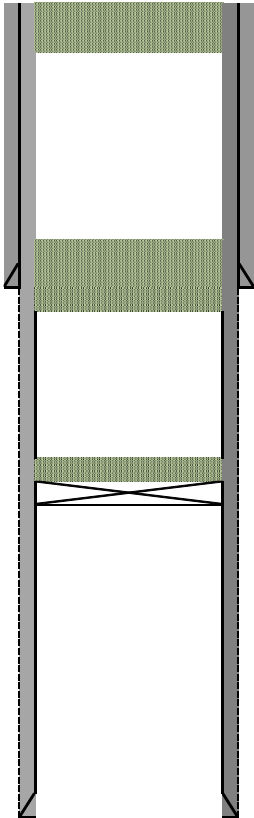
9/26/25 Plug (# 3) Spot (35 sxs) class (C) cement From (400') to (Surface). RDMO.

10/1/2025 Moved in backhoe & welder. Dug out cellar. Cut off wellhead. Verified cement at surface. Installed an above ground DHM. Dug up anchors, backfilled cellar, cleaned location, & moved off.

Author:	Shyanne @ JMR	Well No.	#013
Well Name	AAO Federal	API #:	30-015-00710
Field/Pool	Empire	Location:	Sec 1, T18S, R27E
County	Eddy		660' N & 1980' W
State	NM		
Spud Date	7/14/1959	GL:	3611'

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	8 5/8	J55	24#	1,519	11	750	890'
Prod Csg	4 1/2	J55	9.5#	6,173	7 7/8	850	2882'

Formation Tops	
SA	1590
Glorieta	3250
Abo	5607
Abo back	5900



Plug (# 3) Spot (35 sxs) class (C) cement From (400') to (Surface).

8 5/8 24# CSG @ 1,519
Hole Size: 11

Tagged TOC @ 890'.
Plug (# 2) Spot (50 sxs) class (C) cement From (1650') to (920').

Tagged Toc @ 2882'.
Plug (# 1) Spot (25 sxs) class (C) cement From (3281') to (2914').
Tag exiting CIBP @ 3280'.

4 1/2 9.5# CSG @ 6,173
Hole Size: 7 7/8



 GPS Map Camera



Artesia, New Mexico, Estados Unidos



Artesia, New Mexico 88210, Estados Unidos

Lat 32.781603° Long -104.23432°

01/10/2025 10:32 a. m. GMT -06:00



GPS Map Camera



Artesia, New Mexico, Estados Unidos



Artesia, New Mexico 88210, Estados Unidos

Lat 32.781594° Long -104.234329°

01/10/2025 11:00 a. m. GMT -06:00



GPS Map Camera

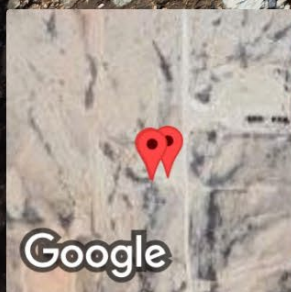
Artesia, New Mexico, Estados Unidos



Artesia, New Mexico 88210, Estados Unidos

Lat 32.781588° Long -104.234351°

01/10/2025 11:07 a. m. GMT -06:00







 GPS Map Camera



Artesia, New Mexico, Estados Unidos



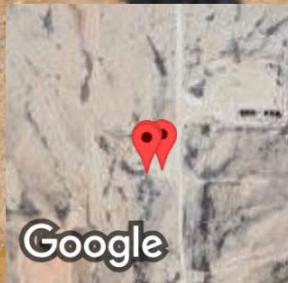
Artesia, New Mexico 88210, Estados Unidos

Lat 32.781605° Long -104.234319°

01/10/2025 11:21 a. m. GMT -06:00



 GPS Map Camera



Google

Artesia, New Mexico, Estados Unidos



Artesia, New Mexico 88210, Estados Unidos

Lat 32.7816° Long -104.234327°

01/10/2025 11:21 a. m. GMT -06:00



GPS Map Camera



Artesia, New Mexico, Estados Unidos



Artesia, New Mexico 88210, Estados Unidos
Lat 32.781593° Long -104.234329°
01/10/2025 11:21 a. m. GMT -06:00



 GPS Map Camera



Artesia, New Mexico, Estados Unidos



Artesia, New Mexico 88210, Estados Unidos

Lat 32.781593° Long -104.234329°

01/10/2025 11:21 a. m. GMT -06:00

This email documents where the NMOCD gave permission for us to spot all inside plugs instead of having to perf and squeeze.

Angela Koliba

From: Joe Zimmerman
Sent: Monday, September 22, 2025 10:54 AM
To: Angela Koliba
Subject: FW: [EXTERNAL] HILCORP ENERGY, AAO FEDERAL #13 CBL LOG IMAGE AND LAS FILES

Follow Up Flag: Follow up
Flag Status: Flagged

In case you need this for the subsequent report, we got permission to spot all inside plugs instead of having to perf/sqz.

- Joe Z.

From: Vo, Long T <lvo@blm.gov>
Sent: Monday, September 22, 2025 10:41 AM
To: James Beard - (C) <James.Beard@hilcorp.com>; BLM_NM_CFO_PluggingNotifications <BLM_NM_CFO_PluggingNotifications@blm.gov>
Cc: Espinoza, Gilberto J <gespinoza@blm.gov>; Cordero, Gilbert, EMNRD <gilbert.cordero@emnrd.nm.gov>; ocd.engineer@emnrd.nm.gov; Joe Zimmerman <Joseph.Zimmerman@hilcorp.com>
Subject: Re: [EXTERNAL] HILCORP ENERGY, AAO FEDERAL #13 CBL LOG IMAGE AND LAS FILES

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

James,

TOC is at surface you, can spot cement for all plugs.

Regards,

Long Vo
Petroleum Engineer

Carlsbad Field Office
520 E. Greene St.
Carlsbad, NM 88220

Land and Minerals
Bureau of Land Management
Department of Interior
575-988-5402 Cell

 [Book time to meet with me](#)

From: James Beard - (C) <James.Beard@hilcorp.com>
Sent: Monday, September 22, 2025 9:36 AM
To: BLM_NM_CFO_PluggingNotifications <BLM_NM_CFO_PluggingNotifications@blm.gov>; Vo, Long T <lvo@blm.gov>
Cc: Espinoza, Gilberto J <gespinoza@blm.gov>; Cordero, Gilbert, EMNRD <gilbert.cordero@emnrd.nm.gov>;

ocd.engineer@emnrd.nm.gov <ocd.engineer@emnrd.nm.gov>; Joe Zimmerman <Joseph.Zimmerman@hilcorp.com>

Subject: FW: [EXTERNAL] HILCORP ENERGY, AAO FEDERAL #13 CBL LOG IMAGE AND LAS FILES

Good morning, attached is a recent CBL, as the CBL shows good cement up to 1010', we would like to request a balanced plug instead of perf and squeeze on PLUG #2 @ 1590'- 980'.

Thanks

James Beard-Hilcorp Consultant

432-210-7054

From: Joe Zimmerman <joseph.zimmerman@hilcorp.com>

Sent: Monday, September 22, 2025 8:22 AM

To: James Beard - (C) <James.Beard@hilcorp.com>

Subject: FW: [EXTERNAL] HILCORP ENERGY, AAO FEDERAL #13 CBL LOG IMAGE AND LAS FILES

- Joe Z.

From: Paul Garcia - (C) <paul.garcia@hilcorp.com>

Sent: Monday, September 22, 2025 9:06 AM

To: Joe Zimmerman <joseph.zimmerman@hilcorp.com>

Subject: Fw: [EXTERNAL] HILCORP ENERGY, AAO FEDERAL #13 CBL LOG IMAGE AND LAS FILES

From: Brian Teller <brian.teller@fescoinc.com>

Sent: Thursday, June 12, 2025 2:08 PM

To: Paul Garcia - (C) <paul.garcia@hilcorp.com>; terry.ford@fescoinc.com <terry.ford@fescoinc.com>; 'William Hall' <william.hall@fescoinc.com>

Subject: [EXTERNAL] HILCORP ENERGY, AAO FEDERAL #13 CBL LOG IMAGE AND LAS FILES

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

Both the las, and tiff files are in the zip file.

The information contained in this email message is confidential and may be legally privileged and is intended only for the use of the individual or entity named above. If you are not an intended recipient or if you have received this message in error, you are hereby notified that any dissemination, distribution, or copy of this email is strictly prohibited. If you have received this email in error, please immediately notify us by return email or telephone if the sender's phone number is listed above, then promptly and permanently delete this message.

While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 518574

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 518574
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	10/24/2025