

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	

Notice of Intent

Sundry ID: 2854228

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 05/22/2025	Time Sundry Submitted: 08:22
Date proposed operation will begin: 06/01/2025	

Procedure Description: Please see attached document for all information.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

2025\_05\_21\_AAO\_FED\_13\_P\_A\_Procedure\_NOI\_20250522081038.pdf

Received by OCD: 6/9/2025 7:27:44 AM

Page 2 of 17

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	

Conditions of Approval

Specialist Review  
AAO\_Federal\_113\_Sundry\_ID\_2854228\_P\_A\_20250607082418.pdf

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: MAY 22, 2025 08:21 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: LONG VO	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5759885402	BLM POC Email Address: LVO@BLM.GOV
Disposition: Approved	Disposition Date: 06/07/2025
Signature: Long Vo	

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
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No.
		6. If Indian, Allottee or Tribe Name

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No.
2. Name of Operator		9. API Well No.
3a. Address	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		11. Country or Parish, State

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 type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Subsequent Report	<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 type="checkbox"/> Temporarily Abandon	
<input type="checkbox"/> Final Abandonment Notice	<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.)

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

<b>THE SPACE FOR FEDERAL OR STATE OFFICE USE</b>		
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 )



**HILCORP ENERGY COMPANY**  
**AAO FED #13**  
**P&A NOI**

API #:	3001500710
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**JOB PROCEDURES**

1. Contact NMOCD and BLM (where applicable) 24 hours prior to MIRU.
2. Hold pre-job safety meeting. Verify cathodic is off. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.
3. MIRU service rig and associated equipment; NU and test BOP.
4. Well has CIBP set at +/- 3,327' with 42' of cement on top. TOC at +/- 3,285'.
5. Load the well as needed. Pressure test the casing above the plug to **560 psig**.
6. RU Wireline. RIH and tag TOC to verify depth. Run CBL to surface. Record Top of Cement. All subsequent plugs below are subject to change pending CBL results.
7. PU & TIH w/ work string to **+/- 3,285'**.
8. **PLUG #1: 11sx of Class C Cement ( PPG, 1.22 yield); GL Top @ 3,250':**  
 Pump an 11 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 3,150'** & est. **BOC @ +/- 3,285'**). Wait on Cement for 4 hours, tag TOC w/ work string. \*Note cement plug lengths & volumes account for excess.
9. POOH w/ work string to **+/- 1,640'**.
10. **PLUG #2: 17sx of Class C Cement ( PPG, 1.22 yield); SA Top @ 1,590' | Surf. Casing Shoe @ 1,519':**  
 Pump a 17 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 1,419'** & est. **BOC @ +/- 1,640'**). \*Note cement plug lengths & volumes account for excess.
11. POOH w/ work string. TIH & perforate squeeze holes @ **+/- 150'**. Establish circulation.
12. **PLUG #3: 43sx of Class C Cement ( PPG, 1.22 yield); Surface Plug @ 150':**  
 Pump 31sx of cement in the 4-1/2" casing X 8-5/8" casing annulus (est. **TOC @ +/- 0'** & est. **BOC @ +/- 150'**). Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 0'** & est. **BOC @ +/- 150'**). WOC for 4 hrs, tag TOC w/ work string. \*Note cement plug lengths and volumes account for excess.
13. ND BOP, cut off Wellhead. Top off cement in surface casing annulus, if needed. Install a P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.



# HILCORP ENERGY COMPANY

## AAO FED #13

### P&A NOI

## AAO FED #13 - CURRENT WELLBORE SCHEMATIC

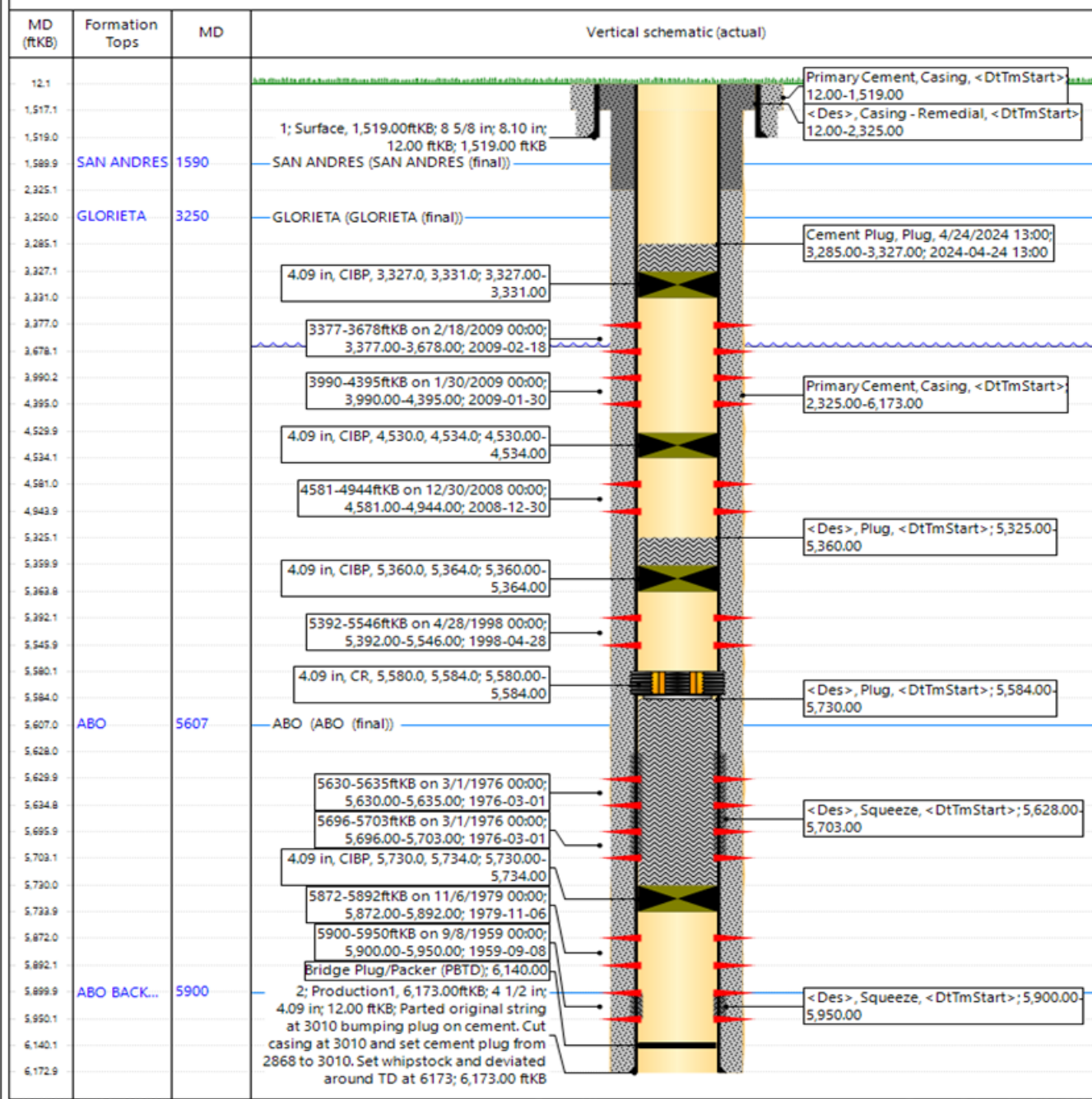


## P&amp;A WBD - Current Schematic

Well Name: AAO FEDERAL #013

API / UWI 3001500710	Surface Legal Location SEC 01, T18S, R27E	Field Name Empire	Route	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 3,611.01	Original KBRT Elevation (ft) 3,623.01	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

## Original Hole, AAO FEDERAL #013 [Vertical]



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Report Printed: 5/21/2025





# HILCORP ENERGY COMPANY

## AAO FED #13

### P&A NOI

## AAO FED #13 - PROPOSED WELLBORE SCHEMATIC



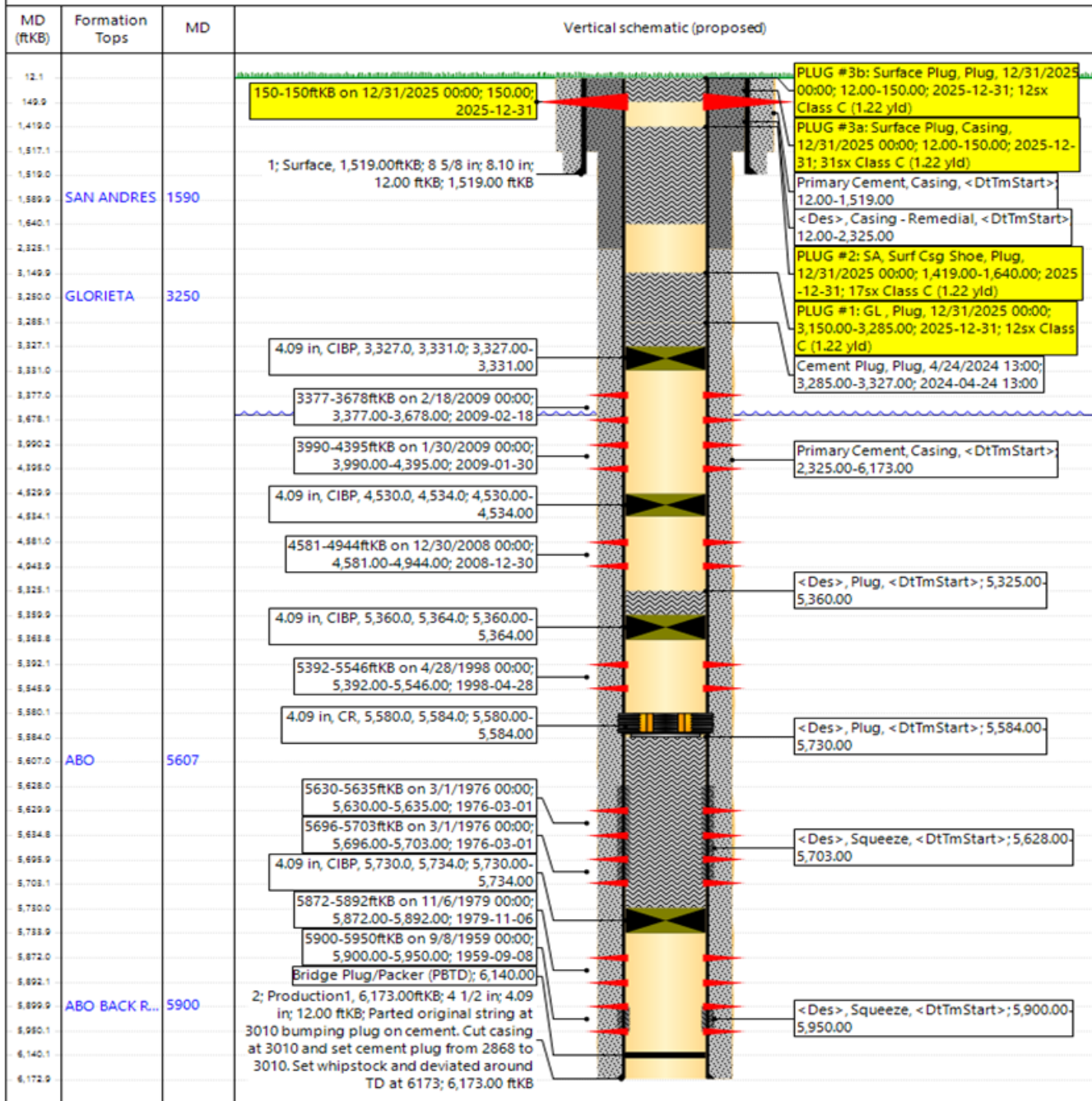
Hilcorp Energy Company

## P&amp;A WBD - Proposed Schematic

Well Name: AAO FEDERAL #013

API / UWI 3001500710	Surface Legal Location SEC 01, T18S, R27E	Field Name Empire	Route	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 3,611.01	Original KB/RT Elevation (ft) 3,623.01	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

## Original Hole, AAO FEDERAL #013 [Vertical]



Page 1/1

Report Printed: 5/21/2025



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	

Notice of Intent

Sundry ID: 2854228

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 05/22/2025	Time Sundry Submitted: 08:22
Date proposed operation will begin: 06/01/2025	

Procedure Description: Please see attached document for all information.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

2025\_05\_21\_AAO\_FED\_13\_P\_A\_Procedure\_NOI\_20250522081038.pdf

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

Received by OCD: 6/9/2025 7:27:44 AM

Page 10 of 17

Well Name: AAC 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	

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: MAY 22, 2025 08:21 AM

Name: HILCORP ENERGY COMPANY

Title: Regulatory/Operations Tech

Street Address: 1111 TRAVIS STREET

City: HOUSTONState: TX

Phone: (713) 591-1244

Email address: ANGELA.KOLIBA@HILCORP.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

APPROVED by Long Vo  
Petroleum Engineer  
Carlsbad Field Office  
575-988-50402  
LVO@BLM.GOV

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.**

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		5. Lease Serial No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State


## 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 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 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.)

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 <b>Long Vo</b> 	Title <b>Petroleum Engineer</b>	Date <b>6-7-2025</b>
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 <b>Carlsbad Field Office</b>	

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

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## 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 )



**HILCORP ENERGY COMPANY**  
**AAO FED #13**  
**P&A NOI**

Medium Cave 350'

API #:	3001500710
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**JOB PROCEDURES**

1. Contact NMOCD and BLM (where applicable) 24 hours prior to MIRU.
2. Hold pre-job safety meeting. Verify cathodic is off. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.
3. MIRU service rig and associated equipment; NU and test BOP.
4. Well has CIBP set at +/- 3,327' with 42' of cement on top. TOC at +/- 3,285'.
5. Load the well as needed. Pressure test the casing above the plug to **500 psig for 30 minutes**.
6. RU Wireline. RIH and tag TOC to verify depth. Run CBL to surface. Record Top of Cement. All subsequent plugs below are subject to change pending CBL results.
7. PU & TIH w/ work string to **+/- 3,285'**.
8. **PLUG #1: 25sx of Class C Cement ( PPG, 1.22 yield); GL Top @ 3,250':**  
 Pump an 25 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 3,150'** & est. **BOC @ +/- 3,285'**). Wait on Cement for 4 hours, tag TOC w/ work string. \*Note cement plug lengths & volumes account for excess.
9. POOH w/ work string to **+/- 1,640'**.
10. **PLUG #2: 161sx of Class C Cement ( PPG, 1.22 yield); SA Top @ 1,590' | Surf. Casing Shoe @ 1,519':**  
 Perf at 1640' and establish injection. Set packer at 1590' and squeeze from 1590' to 981' with 118 sxs Class C. Release packer and spot cement from 1590' to 1419' with 43 sxs Class C. Wait on cement for 4 hrs and Tag.
11. POOH w/ work string. TIH & perforate squeeze holes @ **+/- 400'**. Establish circulation.
12. **PLUG #3: 103sx of Class C Cement ( PPG, 1.22 yield); Surface Plug @ 400':**  
 Circulate 103sx of cement from surface down the 4.5" casing thru the perforations and into the 4-1/2" casing X 8-5/8" casing annulus to surface (est. **TOC @ +/- 0'** & est. **BOC @ +/- 150'**). Verify cement at surface.
13. WOC for 4 hrs, tag TOC w/ work string. \*Note cement plug lengths and volumes account for excess.

ND BOP, cut off Wellhead. Top off cement in surface casing annulus, if needed. Install a P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

**REVISED**

4:58 pm, Jun 05, 2025





# HILCORP ENERGY COMPANY

## AAO FED #13

### P&A NOI

## AAO FED #13 - CURRENT WELLBORE SCHEMATIC

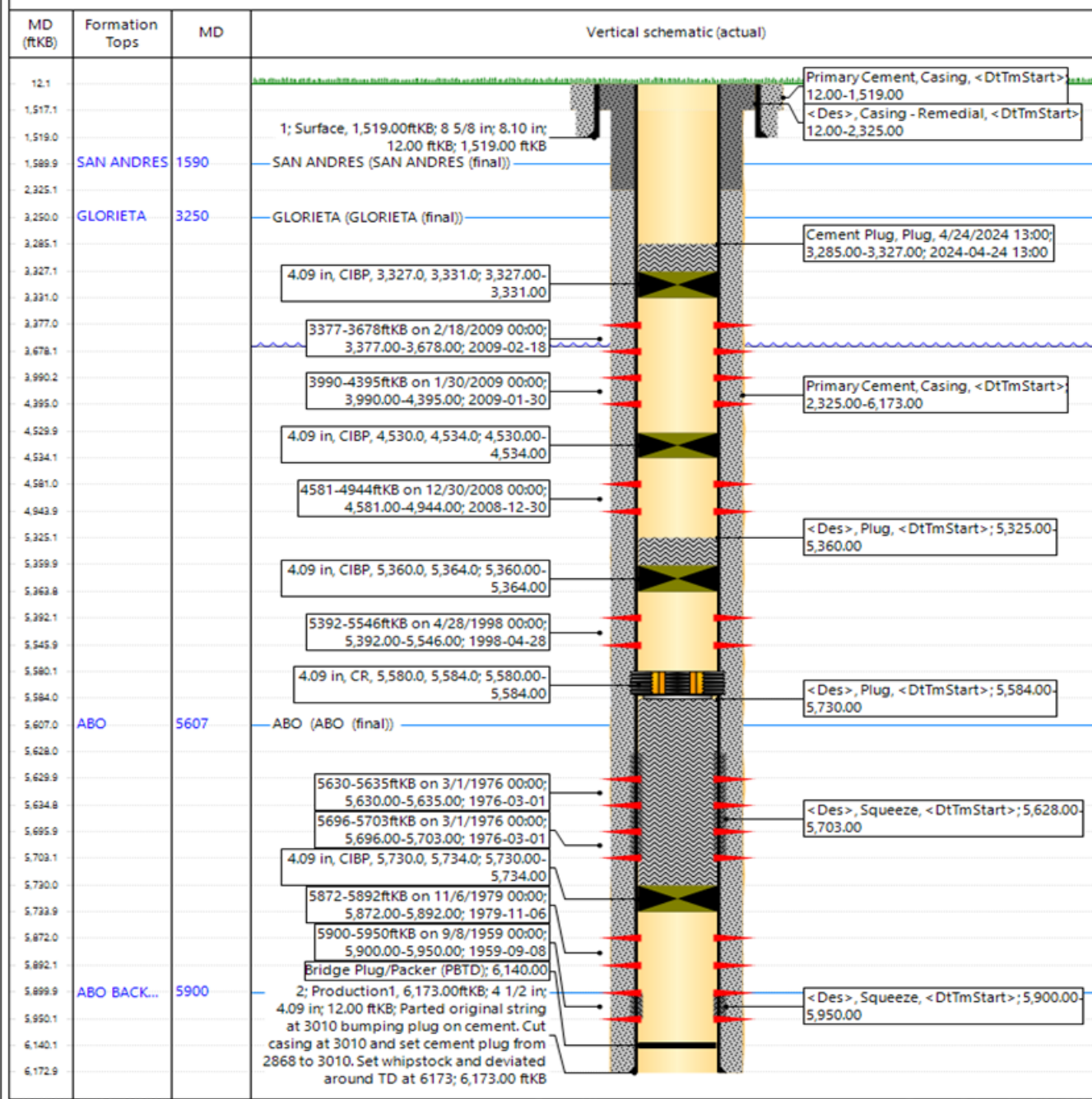


## P&amp;A WBD - Current Schematic

Well Name: AAO FEDERAL #013

API / UWI 3001500710	Surface Legal Location SEC 01, T18S, R27E	Field Name Empire	Route	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 3,611.01	Original KBRT Elevation (ft) 3,623.01	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

## Original Hole, AAO FEDERAL #013 [Vertical]



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Report Printed: 5/21/2025



# HILCORP ENERGY COMPANY

## AAO FED #13

### P&A NOI

## AAO FED #13 - PROPOSED WELLBORE SCHEMATIC



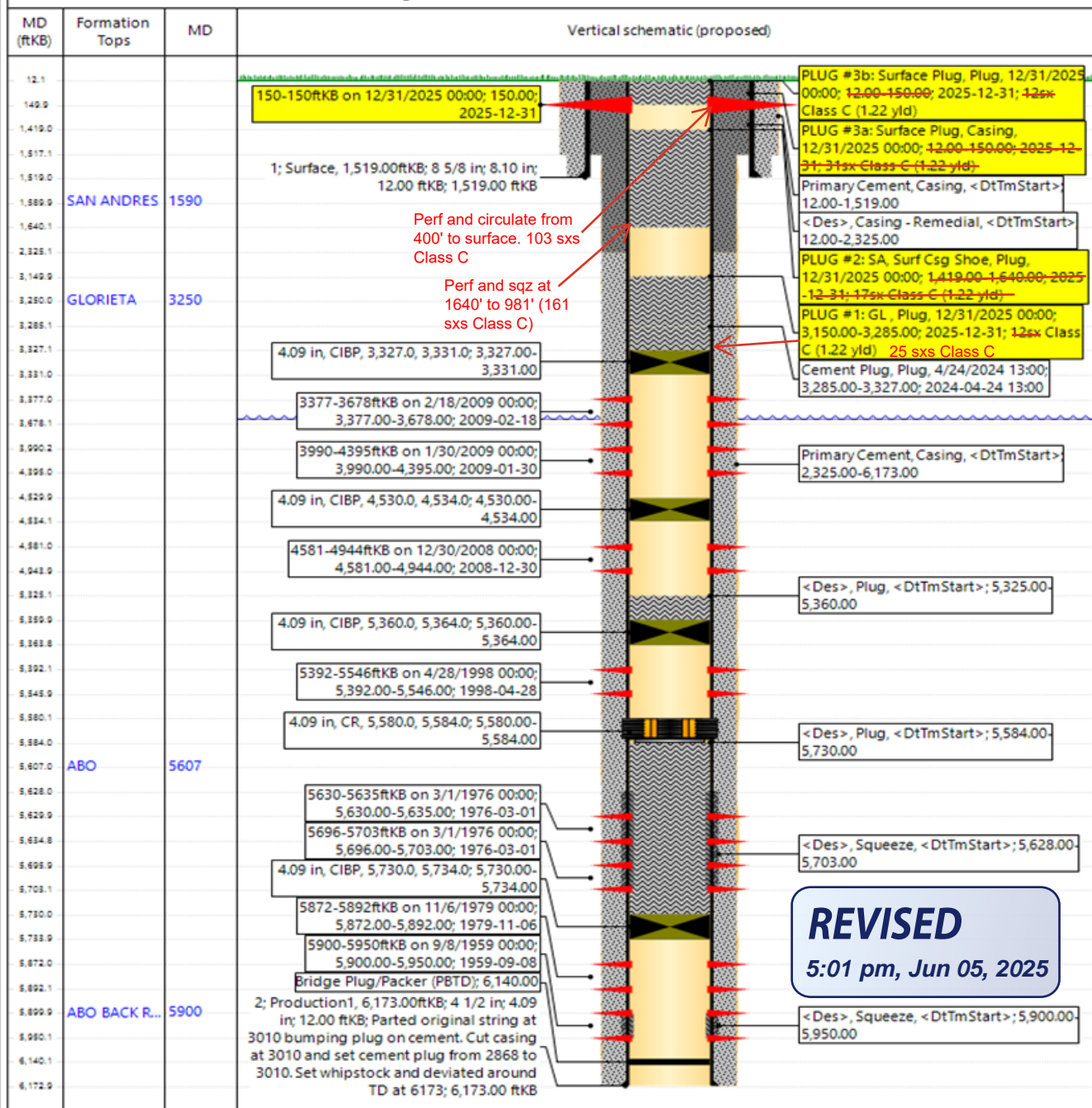
Hilcorp Energy Company

## P&amp;A WBD - Proposed Schematic

Well Name: AAO FEDERAL #013

API / UWI 3001500710	Surface Legal Location SEC 01, T18S, R27E	Field Name Empire	Route	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 3,611.01	Original KBRT Elevation (ft) 3,623.01	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

## Original Hole, AAO FEDERAL #013 [Vertical]



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 471878

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 471878
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	A Cement Bond Log (CBL) is required to be submitted to electronic permitting.	7/10/2025
gcordero	Submit Cement Bond Logs (CBL) prior to submittal of C-103P.	7/10/2025