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

Sundry Print Report

09/29/2023

Well Name: PITCHBLENDE FEDERAL

Well Location: T25S / R34E / SEC 35 / NWSE / 32.085051 / -103.438571

County or Parish/State: LEA / NM

Well Number: 2

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM92200

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002527753

Well Status: Inactive

Operator: EOG RESOURCES INCORPORATED

Accepted for record –NMOCD gc10/12/2023

Notice of Intent

Sundry ID: 2750190

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 09/07/2023

Time Sundry Submitted: 04:56

Date proposed operation will begin: 10/05/2023

Procedure Description: EOG PROPOSES TO PLUG AND ABANDON THIS WELL USING THE ATTACHED PROCEDURE. CURRENT AND PROPOSED WELLBORE DIAGRAMS ALSO ATTACHED.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Pitchblende_Fed__2H_PROPOSED_WBD_20230907165600.pdf

Pitchblende_Fed__2H_CURRENT_WBD_20230907165509.pdf

Pitchblende_Fed___2H_P_A_PROCEDURE__20230907165446.pdf

Well Name: PITCHBLENDE FEDERAL | **Well Location:** T25S / R34E / SEC 35 / NWSE / 32.085051 / -103.438571 | **County or Parish/State:** LEA / NM

Well Number: 2 | **Type of Well:** OIL WELL | **Allottee or Tribe Name:**

Lease Number: NMNM92200 | **Unit or CA Name:** | **Unit or CA Number:**

US Well Number: 3002527753 | **Well Status:** Inactive | **Operator:** EOG RESOURCES INCORPORATED

Conditions of Approval

Specialist Review

Pitchblende_Fed__2___2750190_COA_and_Procedure_20230929094442.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: KAY MADDOX **Signed on:** SEP 07, 2023 04:56 PM

Name: EOG RESOURCES INCORPORATED

Title: Regulatory Specialist

Street Address: 5509 CHAMPIONS DR.

City: MIDLAND **State:** TX

Phone: (432) 638-8475

Email address: KAY_MADDOX@EOGRESOURCES.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JULIO A SANCHEZ **BLM POC Title:** ENGINEER

BLM POC Phone: 5752342240 **BLM POC Email Address:** JULIOSANCHEZ@BLM.GOV

Disposition: Approved **Disposition Date:** 09/29/2023

Signature: Julio Sanchez Reviewed by Keith Immatty

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.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☐ Gas Well ☐ 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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ 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 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 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 OFICE 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 ofthis form to U.S. Department ofthe Interior, Bureau ofLand 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

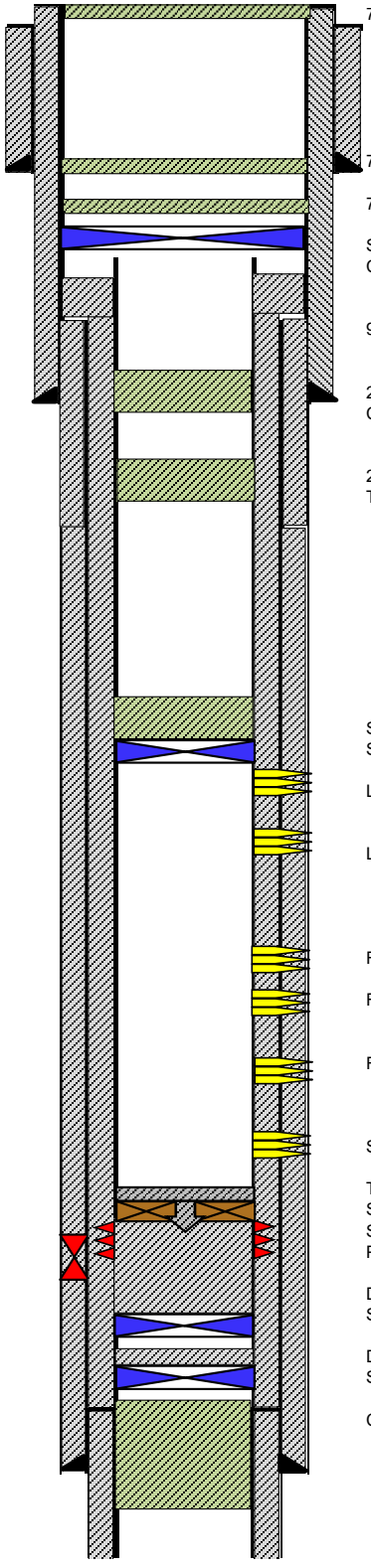
0. SHL: NWSE / 1975 FSL / 1980 FEL / TWSP: 25S / RANGE: 34E / SECTION: 35 / LAT: 32.085051 / LONG: -103.438571 (TVD: 0 feet, MD: 0 feet)

BHL: NWSE / 1975 FSL / 1980 FEL / TWSP: 25S / SECTION: / LAT: 32.085051 / LONG: 103.438571 (TVD: 0 feet, MD: 0 feet)

Well Name: Pitchblende Fed #2H
Location: 1,980' FSL & 1,980' FEL Sec. 35-T25S-R34E
County: Lea, NM
Lat/Long: 32.0850525,-103.4385376 NAD83
API #: 30-025-27753
Spud Date: 2/23/82
Compl. Date: 7/23/10

eog resources

PROPOSED Wellbore Diagram:



KB:
GL: 3304

24" Hole
Surface Casing
20" 94# H-40 @ 542'
Cmt w/ 1060 sx (circ to surface)

17-1/2" Hole
Intermediate 1 Casing
13-3/8" 68# K-55 LTC @ 5,380'
Cmt w/ 4540 sx (circ to surface)

9-5/8" DV Tool @ 10,385'

12-1/4" Hole
Intermediate 2 Casing
9-5/8" 47# NT-95 @ 12,895'
Cmt w/ 860 sx. TOC 7758 per temp survey

Tieback Liner @ 12,609 to surface
5-1/2" 17# CF-95 P110 LTC
TOC 11,900 Temp survey
Liner @ 12,605'
5-1/2" 23# S-95 to 15,997'
CMT w/ 845 sxs

70 SXS Class C Cement spotted from 105' to surface

70 SXS Class C cement spotted 600' to 490' to cover surface shoe (tag)

70 SXS Class C cement spotted 1410' to 1300' to cover top of salt (tag)

Set CIBP @ 3450' in 13-3/8"
Cut 5.5" 17# CSG @ 3500'

9-5/8" CSG Cut & pulled @ 4,050'

25 sxs Class C cement spotted 5450' to 5197'
Covers top of Delaware & across intermediate shoe (tag)

25 sxs Class C cement spotted 6500' to 6247
This is a spacer plug

Spot 25 sxs Class H cement on top 9485 to 9259 tag
Set CIBP above top perf 9485'

Loenard Cherty Perfs 9,485' to 9,550'

Loenard Laminated perfs 9,790' to 9,825'

First Bone Spring Perfs 10,170' to 10,315'

First Bone Spring Perfs 10,370' to 10,390'

First Bone Spring Perfs 10,452' to 10,482'

Second Bone Spring Perfs 10,760' to 10,800'

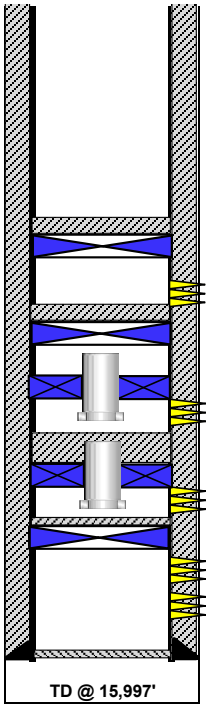
Top of Plug 11, 350'
Squeeze 700 sxs into annulus, TOC 3,660' found with temp survey- filled
Set CICR @ 11,360'
Perforate 11,410' - 11,411'

Dump bail 35' of cement on top, TOC 12,000'
Set CIBP @ 12,035'

Dump bail 35' of cement on top, TOC 12,295'
Set CIBP @ 12,330'

Cement plug 40 sxs class H 15.8 ppg 1.18 yield. Plug from 12995 to 126

6-1/4" Pilot Hole



Set CIBP @ 13,275'
Dump bail 36' of cement on top, TOC 13,239'

Wolfcamp Perfs 13,865' - 14,044' & 13,345' - 13,547'

CIBP @ 14,091' plus 50' cement on top (dump bailed)

Baker FB-1 packer @ 14,112' w/ 1/2 jts 2-7/8" tbg
Strawn Perfs 14,270' - 14,280' & 14,445' - 14,458'

Permenant Packer @ 15,018' w/ 1/2 jts 2-7/8" tbg & 40' cement on top

Atoka Perfs 15,295' - 15,312'

CIBP @ 15,380' plus 5' cement on top
Morrow perfs: 15,403' - 15,410'
Morrow perfs: 15,474'-15,492'

4-1/2" 15.1# S-95 @ 12,923'-15,300'
Cmt w/ 505 sx

Not to Scale
By: CC 9/7/23

Well Name: Pitchblende Fed #2H
Location: 1,980' FSL & 1,980' FEL Sec. 35-T25S-R34E
County: Lea, NM
Lat/Long: 32.0850525,-103.4385376 NAD83
API #: 30-025-27753
Spud Date: 2/23/82
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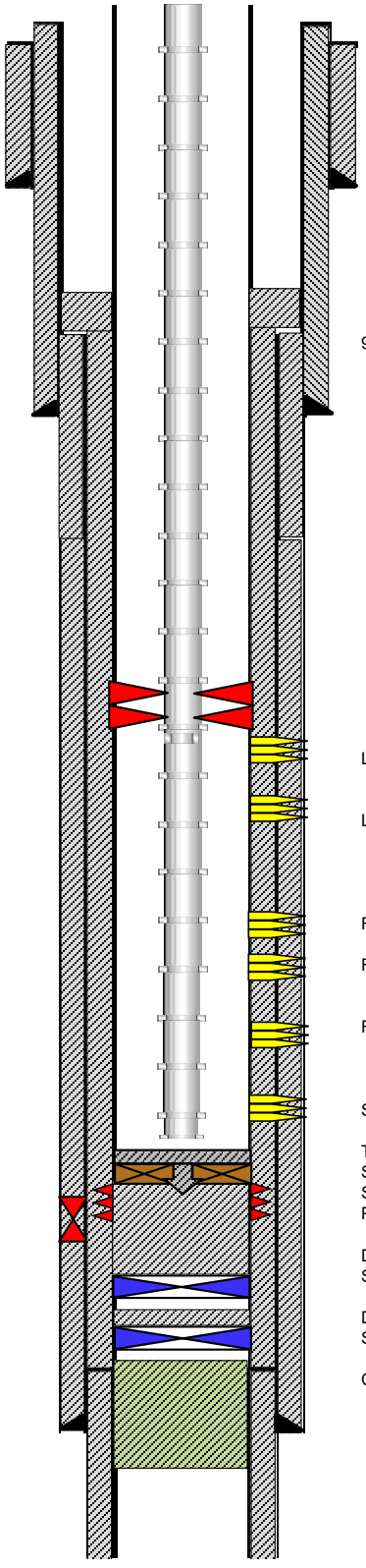
eog resources

Current Wellbore Diagram:

KB:
GL: 3304



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Cmt w/ 4540 sx (circ to surface)

TAC @ 9,235'

2-7/8" 6.5# L-80
Bottom of TBG 10,845"

9-5/8" DV Tool @ 10,385'

12-1/4" Hole
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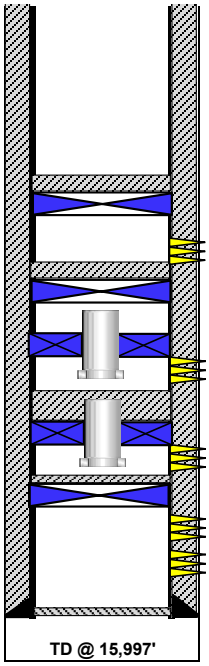
6-1/4" Pilot Hole

Formation Tops

Top of Salt	1358
Bottom of Salt	5094
Delaware	5376
Cherry Cnyn	6344
Bone Spring	9359
Wolfcamp	12518
Strawn	14259
Atoka	14552
Morrow Lime	15403

4-1/2" 15.1# S-95 @ 12,923'-15,300'
Cmt w/ 505 sx



Set CIBP @ 13,275'
Dump bail 36' of cement on top, TOC 13,239'

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CIBP @ 14,091' plus 50' cement on top (dump bailed)

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Permenant Packer @ 15,018' w/ 1/2 jts 2-7/8" tbg & 40' cement on top

Atoka Perfs 15,295' - 15,312'

CIBP @ 15,380' plus 5' cement on top
Morrow perfs: 15,403' - 15,410'
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Not to Scale
By: CC 9/7/23

9/7/23
P&A

PITCHBLENDE FED #2 P&A
Capital AFE# 182905

Well Name	PITCHBLENDE FED #2H P&A				
Surface Location	1,980' FSL & 1,980' FEL Sec. 35-T25S-R34E			AFE/Sub Code	182905/235
RKB – Sea Level		Area/Field	Pitchfork	Spud	2/23/1982
G.L. Elevation	3,304'	County/Province	Lea	Original Rig Contractor	
API	30-025-27753	State / Country	NM	Formation	Morrow
Comp Date	7/23/10	Total MD	15,997'	Top Perf	
KOP		Average Lateral TVD	Vertical	Wellhead MFG	Cameron

*Note all depths include KB 30'.

STRING NAME	STRING OD	STRING WEIGHT	DESCRIPTION	FINAL DEPTH
SURFACE	20	94	20" H-40 LTC	542'
INTERMEDIATE	13.325	68	13-3/8" K55 LTC	5,380'
TIE BACK LINER	5.5	17	5 1/2 HCP110 LTC	12,609'
LINER	5.5	23	5-1/2 S95	15,997'

Summary of Procedure: LD TBG, Run CIBP, Pump Cement Plugs, Abandon

PROCEDURE:

1. Notify BLM 24 hours before beginning work.
2. MIRU & Kill well.
3. ND/NU WH/BOP
4. Release TAC & LD Entire string of 2-7/8" Production TBG
5. MIRU wireline. RIH & set 5.5 CIBP ~9,485 (above top perf @ 9,485).
6. Test CIBP to 500 psi.
7. PU Work String.
8. Tag CIBP & Ciculate plugging mud, then spot 25 sx class H cement on top of CIBP (1.18 yield, 25 sxs, will cover ~227' of csg). PU, reverse tbg to clean. WOC & Tag.
9. TOOH to 6500' & spot 25 sxs Class C cement from 6,500' to 6,247' (this is a spacer plug). PU & revers tbg clean. No tag required.
10. TOOH to 5,450' & spot 25 sxs Class C cement from 5,450' to 5,197' (this will cover top of Delaware & across intermediate shoe). PU & revers tbg clean. TOOH & WOC
11. RU WL & RIH tag TOC. Then cut 5.5" 17# CSG @ 3500'.
12. POOH & LD CSG
13. TIH with CIBP & set @ 3,450', test to 500 psi
14. TOOH to 1,410' & spot 70 sxs Class C cement from 1,410' to 1,300' (this will cover top of salt). PU & revers tbg clean. TOOH & WOC
15. Tag Cement
1. TOOH to 600' & spot 70 sxs Class C cement from 600' to 490' (this will cover the surface shoe). PU & revers tbg clean. TOOH & WOC
2. Tag Cement
3. TOOH to 105' & pump 70 sxs class c cement to surface.
4. Dig out cellar, cut off wellhead and verify cement behind all casing strings.

5. Install dry hole marker, clean location and RDMO.

Production Engineer: _____ **Date:** 09/07/23

Chris Caskey

AFE Codes

Code	Description
235-106	FAC - Tubing
235-111	FAC - Rods
235-112	FAC - Pump Equipment/ Surface
235-113	FAC - Pump Equipment/ Subsurface
235-407	FAC - Water
235-409	FAC - Cementing & Service
235-413	FAC - Perforating
235-415	FAC - Transportation
235-417	FAC - Equipment Rental
235-418	FAC - Completions Rig
235-421	FAC - Environmental (Remediation)
235-424	FAC - Supervision

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eog resources

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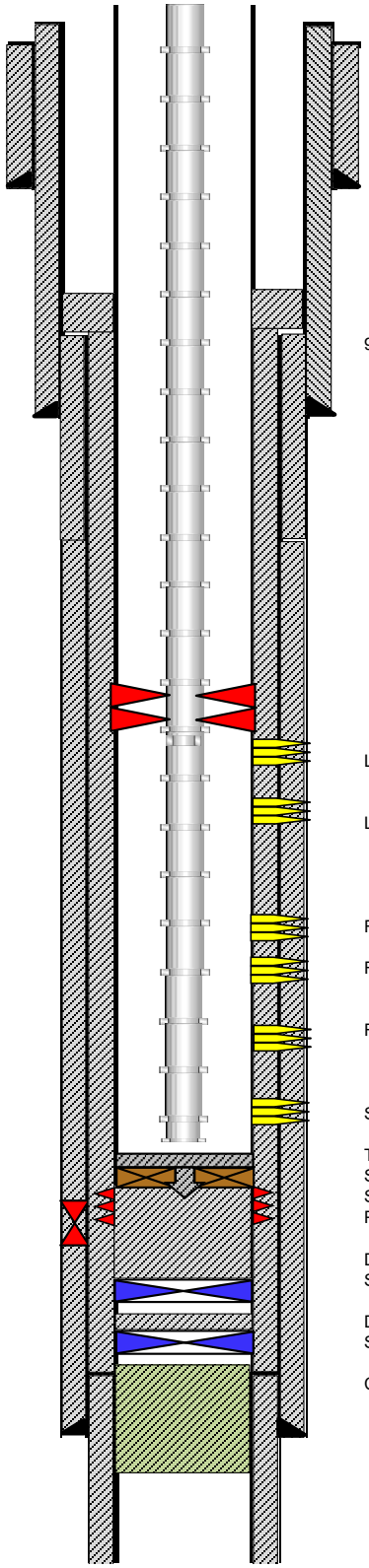

24" Hole
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TAC @ 9,235'

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Bottom of TBG 10,845"

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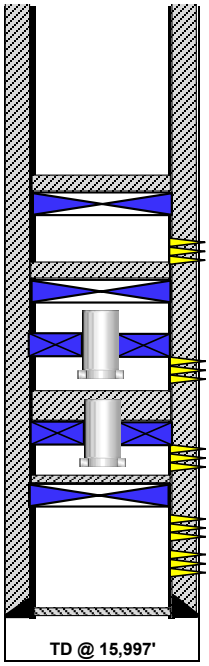

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eog resources

PROPOSED Wellbore Diagram:

KB:
GL: 3304

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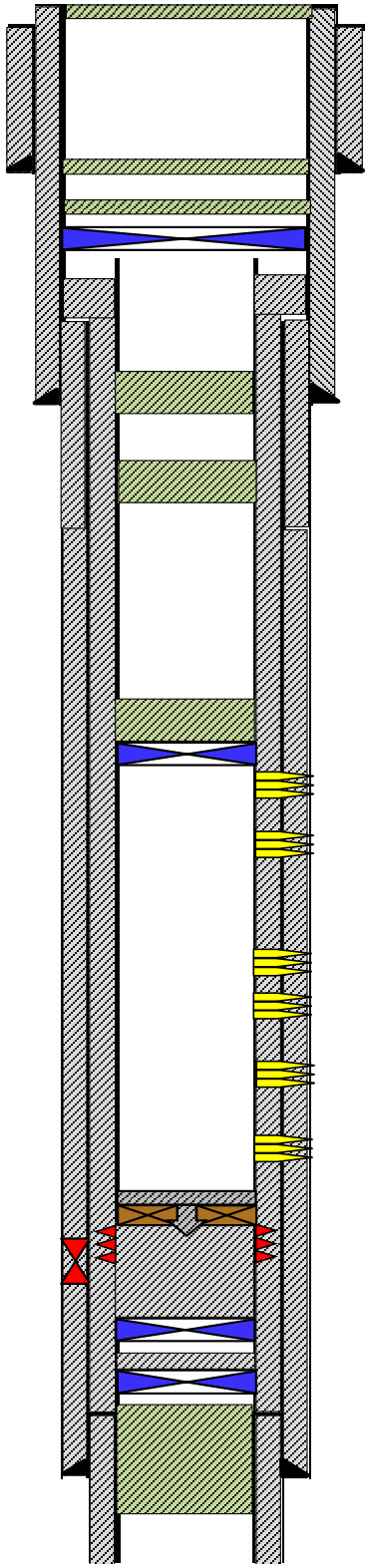
5-1/2" 23# S-95 to 15,997'
CMT w/ 845 sxs



Perforate and Squeeze/Spot Class C Cement from 105' to surface verify circulated to surface

Perforate and Squeeze/Spot Class C cement 600' to 486' to cover surface shoe WOC & TAG

Perforate and Squeeze/Spot Class C cement 1410' to 1300' to cover top of salt WOC & TAG

Set CIBP @ 3450' in 13-3/8" Spot 25sks of Class C Cement for Spacer. Verify CIBP depth
Cut 5.5" 17# CSG @ 3500'

9-5/8" CSG Cut & pulled @ 4,050'

Perforate and Squeeze Class C cement 5478' to 5197'
Covers Base of salt, top of Delaware & across intermediate shoe
WOC & TAG. Keep annulus/casing valves open 9-5/8 x 13-3/8

Perforate and Squeeze Class C cement 6500' to 6247'
This is a spacer plug WOC & TAG. Keep annulus/casing valves open 9-5/8 x 13-3/8

Spot 25 sxs Class H cement on top 9435' to 9051' WOC & Tag 500psi 30min leak test
Set CIBP above top perf 9435'

Loenard Cherty Perfs 9,485' to 9,550'

Loenard Laminated perfs 9,790' to 9,825'

First Bone Spring Perfs 10,170' to 10,315'

First Bone Spring Perfs 10,370' to 10,390'

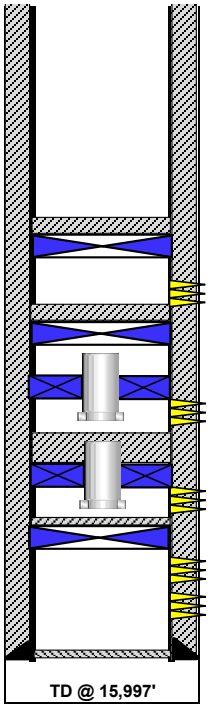
First Bone Spring Perfs 10,452' to 10,482'

Second Bone Spring Perfs 10,760' to 10,800'
Top of Plug 11, 350'
Squeeze 700 sxs into annulus, TOC 3,660' found with temp survey- filled
Set CICR @ 11,360'
Perforate 11,410' - 11,411'

Dump bail 35' of cement on top, TOC 12,000'
Set CIBP @ 12,035'

Dump bail 35' of cement on top, TOC 12,295'
Set CIBP @ 12,330'
6-1/4" Pilot Hole
Cement plug 40 sxs class H 15.8 ppg 1.18 yield. Plug from 12995 to 126

4-1/2" 15.1# S-95 @ 12,923'-15,300'
Cmt w/ 505 sx



Set CIBP @ 13,275'
Dump bail 36' of cement on top, TOC 13,239'

Wolfcamp Perfs 13,865' - 14,044' & 13,345' - 13,547'

CIBP @ 14,091' plus 50' cement on top (dump bailed)

Baker FB-1 packer @ 14,112' w/ 1/2 jts 2-7/8" tbg
Strawn Perfs 14,270' - 14,280' & 14,445' - 14,458'

Permenant Packer @ 15,018' w/ 1/2 jts 2-7/8" tbg & 40' cement on top

Atoka Perfs 15,295' - 15,312'

CIBP @ 15,380' plus 5' cement on top
Morrow perfs: 15,403' - 15,410'
Morrow perfs: 15,474'-15,492'

Not to Scale
By: CC 9/7/23

9/7/23
P&A

PITCHBLENDE FED #2 P&A
Capital AFE# 182905

Well Name	PITCHBLENDE FED #2H P&A				
Surface Location	1,980' FSL & 1,980' FEL Sec. 35-T25S-R34E			AFE/Sub Code	182905/235
RKB – Sea Level		Area/Field	Pitchfork	Spud	2/23/1982
G.L. Elevation	3,304'	County/Province	Lea	Original Rig Contractor	
API	30-025-27753	State / Country	NM	Formation	Morrow
Comp Date	7/23/10	Total MD	15,997'	Top Perf	
KOP		Average Lateral TVD	Vertical	Wellhead MFG	Cameron

*Note all depths include KB 30'.

STRING NAME	STRING OD	STRING WEIGHT	DESCRIPTION	FINAL DEPTH
SURFACE	20	94	20" H-40 LTC	542'
INTERMEDIATE	13.325	68	13-3/8" K55 LTC	5,380'
TIE BACK LINER	5.5	17	5 1/2 HCP110 LTC	12,609'
LINER	5.5	23	5-1/2 S95	15,997'

Summary of Procedure: LD TBG, Run CIBP, Pump Cement Plugs, Abandon

PROCEDURE:

1. Notify BLM 24 hours before beginning work.
2. MIRU & Kill well.
3. ND/NU WH/BOP
4. Release TAC & LD Entire string of 2-7/8" Production TBG
5. MIRU wireline. RIH & set 5.5 CIBP ~9435' (above top perf @ 9,485).
6. Test CIBP to 500 psi.
7. PU Work String.
8. Tag CIBP & Ciculate plugging mud, then spot 25 sx class H cement on top of CIBP 9435'-9051' (1.18 yield, 25 sxs, will cover ~227' of csg). PU, reverse tbg to clean. WOC & Tag 500psi 30min leak test.
9. TOOH to 6500' & Perforate and Squeeze Class C cement from 6,500' to 6,247' (this is a spacer plug). PU & revers tbg clean. WOC & TAG. Keep annulus/casing valves open 9-5/8 x 13-3/8
10. TOOH to 5,450' & Perforate and Squeeze Class C cement from 5,478' to 5,197' (this will cover Base of Salt, top of Delaware & across intermediate shoe). PU & revers tbg clean. TOOH & WOC & TAG. Keep annulus/casing valves open 9-5/8 x 13-3/8
11. RU WL & RIH tag TOC. Then cut 5.5" 17# CSG @ 3500'. Verify CIBP depth. Spot 25sks of Class C Cement for Spacer.
12. POOH & LD CSG
13. TIH with CIBP & set @ 3,450', test to 500 psi
14. TOOH to 1,410' & Perforate and Squeeze/Spot Class C cement from 1,410' to 1,300' (this will cover top of salt). PU & revers tbg clean. TOOH & WOC
15. Tag Cement

1. TOOH to 600’ & Perforate and Squeeze/Spot Class C cement from 600’ to 486’ (this will cover the surface shoe). PU & revers tbg clean. TOOH & WOC
2. Tag Cement
3. TOOH to 105’ Perforate and Squeeze/Spot class c cement to surface Verify circulated to surface.
4. Dig out cellar, cut off wellhead and verify cement behind all casing strings.
5. Install dry hole marker, clean location and RDMO.

Most recent completions report indicate that the 9-5/8" casing is run to surface. Unable to find records of 9-5/8" casing removal. Adjust to a perf and sqz if 9-5/8" is still in place to surface. If 9-5/8" indeed is removed, the plugs above 3500' will be spots.

Production Engineer:		**Date:** 09/07/23
	Chris Caskey	
235-424	FAC - Supervision	

AFE Codes

Code	Description
235-106	FAC - Tubing
235-111	FAC - Rods
235-112	FAC - Pump Equipment/ Surface
235-113	FAC - Pump Equipment/ Subsurface
235-407	FAC - Water
235-409	FAC - Cementing & Service
235-413	FAC - Perforating
235-415	FAC - Transportation
235-417	FAC - Equipment Rental
235-418	FAC - Completions Rig
235-421	FAC - Environmental (Remediation)

9/7/23
P&A

Sundry ID	2750190				
Plug Type	**Top**	**Bottom**	**Length**	**Tag**	**Notes**
Surface Plug	0.00	105.00	105.00	Verify circulated to surface	Perf and Squeeze
Shoe Plug	486.00	600.00	114.00	WOC and Tag	Perf and Squeeze
Top of Salt @ 1358	1300.00	1410.00	110.00	WOC and Tag	Perf and Squeeze
TOC for 5.5 @ 3660					
Shoe Plug	5197.00	5478.00	281.00	WOC and Tag	Perf and Squeeze
Base of Salt @ 5382	5197.00	5478.00			
Delaware @ 5428	5197.00	5478.00			
TOC for 9 5/8 @ 7758					
Bonesprings @ 9194	9051.00	9435.00	384.00	WOC and Tag	500 psi 30min leak test
CIBP Plug	9051.00	9435.00			

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.
Class H >7500'
Class C<7500'
Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.
Critical, High Cave Karst: Cave Karst depth to surface
R111P: Solid plug in all annuli - 50' from bottom of salt to surface.

Class C: 1.32 ft^3/sx
Class H: 1.06 ft^3/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

Cave Karst/Potash Cement	Low

Shoe @	542.00
Shoe @	5360.00
Shoe @	12895.00
Shoe @	12609.00

Perforatons Top @	9485.00	Perforations Bottom @	9550.00

CIBP @	9435.00

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval (LPC Habitat)

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.**

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours. Tagging the plug means running in the hole with a string of tubing or drill pipe and placing sufficient weight on the plug to ensure its integrity. Other methods of tagging the plug may be approved by the BLM authorized officer or BLM field representative.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.** Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:
From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm

In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any/all contaminants, scrap/trash, equipment, pipelines and powerlines (**Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure)**. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip (across the slope and seed as specified in the original APD COA. **This will apply to well pads, facilities, and access roads**. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.

2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.

3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.

4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you

have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.

6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.

7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos
Supervisory Petroleum Engineering Tech/Environmental Protection Specialist
575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias
Environmental Protection Specialist
575-234-6230

Crisha Morgan
Environmental Protection Specialist
575-234-5987

Jose Martinez-Colon
Environmental Protection Specialist
575-234-5951

Mark Mattozzi
Environmental Protection Specialist
575-234-5713

Robert Duenas
Environmental Protection Specialist
575-234-2229

Doris Lauger Martinez
Environmental Protection Specialist
575-234-5926

Jaden Johnston
Environmental Protection Asst. (Intern)
575-234-6252

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 270583

COMMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 270583
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	10/13/2023

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
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Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

CONDITIONS

Action 270583

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 270583
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	10/12/2023