

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

Sundry Print Reports
07/18/2024

Well Name: CAPER BFE FEDERAL Well Location: T21S / R32E / SEC 17 / County or Parish/State: LEA /

NWSE / 32.4759656 / -103.6936571

Well Number: 05 Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMNM94095 Unit or CA Name: Unit or CA Number:

INCORPORATED

Notice of Intent

Sundry ID: 2797061

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 06/25/2024 Time Sundry Submitted: 09:55

Date proposed operation will begin: 07/15/2024

Procedure Description: EOG PROPOSES TO PLUG THIS WELL USING THE ATTACHED PROCEDURE.

CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE ALSO ATTACHED.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Caper_BFE_FED_5_Current_WBD_20240625095546.pdf

 $Caper_BFE_FED_5_Proposed_WBD_20240625095539.pdf$

Caper_BFE_Federal_5_Plugging_Plan_20240625095532.pdf

eived by OCD: 7/18/2024 7:50:42 AM Well Name: CAPER BFE FEDERAL

Well Location: T21S / R32E / SEC 17 /

NWSE / 32.4759656 / -103.6936571

County or Parish/State: LEA/ 2 of

Well Number: 05

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM94095

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002537448

Operator: EOG RESOURCES INCORPORATED

Conditions of Approval

Specialist Review

Caper_BFE_Federal_5_Sundry_ID_2797061_P_A_20240715143221.pdf

State:

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: KRISTINA AGEE Signed on: JUN 25, 2024 09:55 AM

Name: EOG RESOURCES INCORPORATED

Title: Senior Regulatory Administrator Street Address: 5509 Champions Dr.

State: TX City: Midland

Phone: (432) 686-6996

Email address: kristina_agee@eogresources.com

Field

Representative Name:

Street Address:

City:

Phone:

Email address:

BLM Point of Contact

Signature: Long Vo

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: 07/15/2024

Page 2 of 2

Zip:

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

BUREAU OF LAND MANAGEMENT	5. Lease Serial No.
SUNDRY NOTICES AND REPORTS ON W Do not use this form for proposals to drill or to abandoned well. Use Form 3160-3 (APD) for suc	o re-enter an
SUBMIT IN TRIPLICATE - Other instructions on pag	7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well	8. Well Name and No.
Oil Well Gas Well Other	
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 INI	DICATE NATURE OF NOTICE, REPORT OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION
Notice of Intent Acidize Deep Alter Casing Hydr	
	Construction Recomplete Other
Change Plans Plug	and Abandon Temporarily Abandon
Final Abandonment Notice Convert to Injection Plug	Back Water Disposal
completed. Final Abandonment Notices must be filed only after all requirement is ready for final inspection.)	inpletion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been to its, including reclamation, have been completed and the operator has detennined that the site
14. I hereby certify that the foregoing is true and correct. Name (<i>Printed/Typed</i>)	
	Title
Signature	Date
THE SPACE FOR FED	ERAL OR STATE OFICE USE
Approved by	
	Title Date
Conditions of approval, if any, are attached. Approval of this notice does not warran certify that the applicant holds legal or equitable title to those rights in the subject lewhich would entitle the applicant to conduct operations thereon.	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for a	ny person knowingly and willfully to make to any department or agency of the United States

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 State 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, 3162.3-4.

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

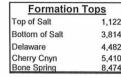
Additional Information

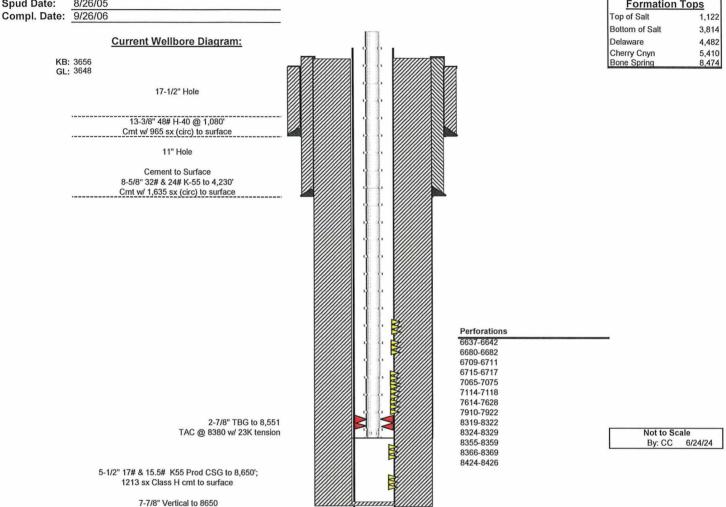
Location of Well

 $0. \ SHL: \ NWSE\ /\ 1650\ FSL\ /\ 1650\ FEL\ /\ TWSP: \ 21S\ /\ RANGE: \ 32E\ /\ SECTION: \ 17\ /\ LAT: \ 32.4759656\ /\ LONG: \ -103.6936571\ (\ TVD: \ 0\ feet\)$ BHL: \ NWSE\ /\ 1650\ FSL\ /\ 1650\ FEL\ /\ TWSP: \ 21S\ /\ SECTION: \ /\ LAT: \ 0.0\ /\ LONG: \ 0.0\ (\ TVD: \ 0\ feet\ ,MD: \ 0\ feet\)

Well Name: CAPER BFE FEDERAL #005 Location: 1650 FSL 1650 FEL County: Lea, NM 32.47587,-103.69314NAD83 Lat/Long: **API #:** 30-025-37448 8/26/05 Spud Date:





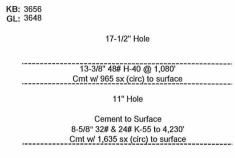


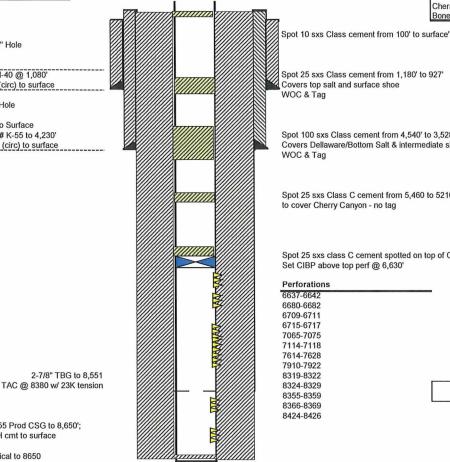
Well Name: CAPER BFE FEDERAL #005 Location: 1650 FSL 1650 FEL County: Lea, NM Lat/Long: 32.47587,-103.69314NAD83 API#: 30-025-37448 Spud Date: 8/26/05 Compl. Date: 9/26/06



Formation Tops Top of Salt 1,122 Bottom of Salt 3,814 Delaware 4,482 Cherry Cnyn Bone Spring 5,410 8,474

Proposed Wellbore Diagram:





Spot 25 sxs Class cement from 1,180' to 927' Covers top salt and surface shoe WOC & Tag

Spot 100 sxs Class cement from 4,540' to 3,528' Covers Dellaware/Bottom Salt & intermediate shoe

Spot 25 sxs Class C cement from 5,460 to 5210 to cover Cherry Canyon - no tag

Spot 25 sxs class C cement spotted on top of CIBP from 6,630' to 6,377' (Set CIBP above top perf @ 6,630'

Not to Scale By: CC 6/24/24

5-1/2" 17# & 15.5# K55 Prod CSG to 8,650'; 1213 sx Class H cmt to surface

7-7/8" Vertical to 8650

eog resources

Page 1

6/24/24 P&A

CAPER BFE FEDERAL #005 P&A Capital AFE# 184553

Well Name	CAPER BFE FEDERAL #005 P&A					
Surface Location	32.47587,-103.69314NAD83			AFE/Sub Code	184553/235	
RKB – Sea Level	3656	Area/Field Red Tank		Spud Date	8/26/05	
G.L. Elevation	3648	County/Province Lea		Original Rig Contractor	-	
API	30-025-37448	State / Country	NM	Formation		
Comp Date	9/26/6	Total MD	8,650	Top Perf	6637	
КОР	-	Average Lateral TVD	-	Wellhead MFG	-	

^{*}Note all depths include KB 25'.

STRING NAME	STRING OD	STRING WEIGHT	DESCRIPTION	FINAL DEPTH
SURFACE	13.325	48	13-3/8 H40	1080
INTERMEDIATE	8.625	28	8-5/8 K-55	4230
PRODUCTION	5.5	17 &15.5	5 1/2 K55	8.650

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

PROCEDURE:

- 1. Notify state 24 hours before beginning work.
- 2. MIRU & Kill well.
- 3. ND/NU WH/BOP
- 4. Release TAC
- 5. TOOH Entire string of 2-7/8" Production TBG while scanning
- 6. MIRU wireline.
- 7. RIH & set 5.5 CIBP ~6630 (top perf @ 6,637).
- 8. Test CIBP to 500 psi.
- 9. Tag CIBP & Ciculate plugging mud, then spot 25 sx class C cement on top of CIBP (1.32 yield, 25 sxs, will cover ~253' of csg). PU, reverse tbg to clean. Test csg to 500 psi, if good no need to woc and tag. If it doesn't test, woc & then tag.
- 10.TOOH to 5460' & spot 25 sxs Class C cement from 5460 to 5210 (this plug will cover Cherry Canyon zone). PU & reverse tbg clean. No tag required.
- 11.TOOH to 4540 and spot cement across intermediate shoe 100 sxs Class C cement from 4540 to 3528 to cover the intermediate shoe & bottom of salt/deleware. PU & reverse tbg clean. WOC & Tag
- 12.TOOH to 1180 top of salts & then then spot 25 sxs Class C cement from 1,150' to 927' to
- 13.TOOH to 100' & spot 10 sxs Class C cement from 100' to surface
- 14. Dig out cellar, cut off wellhead and verify cement behind all casing strings.
- 15.Install dry hole marker, clean location and RDMO.

eog resources

Page 2

6/24/24 P&A

Production Engineer: Date: 6/24/24

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

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT Sundry Print Report 07/15/2024

Well Name: CAPER BFE FEDERAL

Well Location: T21S / R32E / SEC 17 /

NWSE / 32.4759656 / -103.6936571

County or Parish/State: LEA / NM

Well Number: 05

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM94095

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002537448

Operator: EOG RESOURCES

INCORPORATED

Notice of Intent

Sundry ID: 2797061

Type of Submission: Notice of Intent

Date Sundry Submitted: 06/25/2024

Date proposed operation will begin: 07/15/2024

Type of Action: Plug and Abandonment

Time Sundry Submitted: 09:55

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

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Caper_BFE_FED_5_Current_WBD_20240625095546.pdf

Caper_BFE_FED_5_Proposed_WBD_20240625095539.pdf

Caper_BFE_Federal_5_Plugging_Plan_20240625095532.pdf

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS

Well Name: CAPER BFE FEDERAL

Well Location: T21S / R32E / SEC 17 /

NWSE / 32.4759656 / -103.6936571

County or Parish/State: LEA /

NM

Well Number: 05

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM94095

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002537448

Operator: EOG RESOURCES

INCORPORATED

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: KRISTINA AGEE

Signed on: JUN 25, 2024 09:55 AM

Name: EOG RESOURCES INCORPORATED

Title: Senior Regulatory Administrator Street Address: 5509 Champions Dr.

City: Midland

State: TX

Phone: (432) 686-6996

Email address: kristina_agee@eogresources.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

Rul, Chicken

Form 3160-5 (June 2019)

UNITED STATES

FORM APPROVED OMB No. 1004-0137

DE	PARTMENT OF THE INTERIOR		1	Expires: October 31, 2021	
	REAU OF LAND MANAGEMEN		5. Lease Serial No.	NMNM94095	
Do not use this	NOTICES AND REPORTS ON form for proposals to drill or turn to the form 3160-3 (APD) for su	6. If Indian, Allotte	6. If Indian, Allottee or Tribe Name		
	TRIPLICATE - Other instructions on pa	ge 2	7. If Unit of CA/Aş	greement, Name and/or No.	
1. Type of Well					
Oil Well Gas	Inches de la constant	8. Well Name and I	No. CAPER BFE FEDERAL/05		
EUG RESUUR	CES INCORPORATED		9. API Well No. 30	02537448	
	BBY 2, HOUSTON, TX 770 3b. Phone No. (713) 651-70	o. (include area code) 000		or Exploratory Area FCAMP/WILDCAT;WOLFCAMP	
4. Location of Well (Footage, Sec., T., SEC 17/T21S/R32E/NMP	R.,M., or Survey Description)		11. Country or Pari LEA/NM		
12. CH	ECK THE APPROPRIATE BOX(ES) TO IN	DICATE NATURE O	F NOTICE, REPORT OR O	OTHER DATA	
TYPE OF SUBMISSION			OF ACTION		
✓ Notice of Intent	Acidize Dee	epen [Production (Start/Resum)	e) Water Shut-Off	
Professional		Iraulic Fracturing	Reclamation	Well Integrity	
Subsequent Report		v Construction	Recomplete	Other	
Final Abandonment Notice	parameter and the second of th	g and Abandon Back	Temporarily Abandon Water Disposal		
ser man mapeedon.)	tices must be filed only after all requiremen				
	true and correct. Name (Printed Typed)	Caria D. I			
KRISTINA AGEE / Ph: (432) 686-6	996	Title Senior Regula	atory Administrator		
Signature (Electronic Submissio	n)	Date	06/25/	2024	
	THE SPACE FOR FED	ERAL OR STATI	E OFICE USE		
Approved by					
Long Vo		Title Petrole	um Engineer	Date 7/15/2624	
onditions of approval, if any, are attacted or the state of the applicant holds legal or earlich would entitle the applicant to constitute the	ned. Approval of this notice does not warran quitable title to those rights in the subject le duct operations thereon.	t or	=0	·	
itle 18 U.S.C Section 1001 and Title 43	U.S.C Section 1212, make it a crime for ar	W nerson knowingly or	nd willfully to make t	1	

any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. nowingly and willfully to make to any department or agency of the United States

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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.

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Additional Information

Location of Well

0. SHL: NWSE / 1650 FSL / 1650 FEL / TWSP: 21S / RANGE: 32E / SECTION: 17 / LAT: 32.4759656 / LONG: -103.6936571 (TVD: 0 feet, MD: 0 feet) BHL: NWSE / 1650 FSL / 1650 FEL / TWSP: 21S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

 Well Name:
 CAPER BFE FEDERAL #005

 Location:
 1650 FSL 1650 FEL

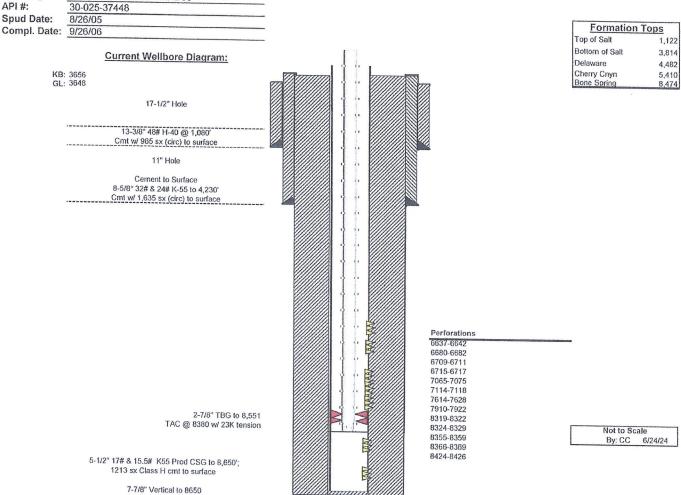
 County:
 Lea, NM

 Lat/Long:
 32.47587,-103.69314NAD83

 API #:
 30-025-37448

 Spud Date:
 8/26/05





 Well Name:
 CAPER BFE FEDERAL #005

 Location:
 1650 FSL 1650 FEL

 County:
 Lea, NM

 Lat/Long:
 32.47587,-103.69314NAD83

 API #:
 30-025-37448

 Spud Date:
 8/26/05

 Compl. Date:
 9/26/06

eog resources

1,122
3,814
4,482
5,410 8 474

Proposed Wellbore Diagram:

KB: 3656 GL: 3648

17-1/2" Hole

13-3/8" 48# H-40 @ 1,080' Cmt w/ 965 sx (circ) to surface

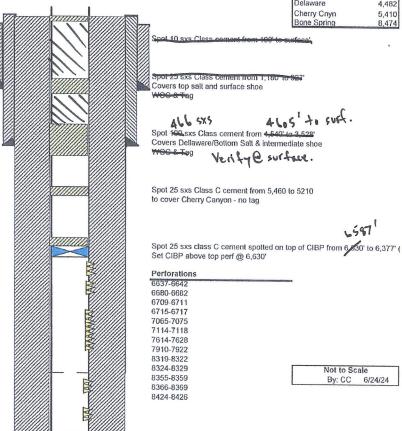
11" Hole

Cement to Surface 8-5/8" 32# & 24# K-55 to 4,230' Cmt w/ 1,635 sx (circ) to surface

> 2-7/8" TBG to 8,551 TAC @ 8380 w/ 23K tension

5-1/2" 17# & 15.5# K55 Prod CSG to 8,650'; 1213 sx Class H cmt to surface

7-7/8" Vertical to 8650



Page 1



6/24/24 P&A

CAPER BFE FEDERAL #005 P&A Capital AFE# 184553

Well Name	CAPER BFE FEDERAL #005 P&A					
Surface Location	32	2.47587,-103.69314NAD83	AFE/Sub Code	184553/235		
RKB – Sea Level	3656	Area/Field	Red Tank	Spud Date	8/26/05	
G.L. Elevation	3648	County/Province	Lea	Original Rig Contractor		
API	30-025-37448	State / Country	NM	Formation		
Comp Date	9/26/6	Total MD	8,650	Top Perf	6637	
KOP	-	Average Lateral TVD	-	Wellhead MFG	-	

^{*}Note all depths include KB 25'.

STRING NAME	STRING OD	STRING WEIGHT	DESCRIPTION	FINAL DEPTH
SURFACE	13.325	48	13-3/8 H40	1080
INTERMEDIATE	8.625	28	8-5/8 K-55	4230
PRODUCTION	5.5	17 &15.5	5 1/2 K55	8.650

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

PROCEDURE:

- 1. Notify state 24 hours before beginning work.
- 2. MIRU & Kill well.
- 3. ND/NU WH/BOP
- 4. Release TAC
- 5. TOOH Entire string of 2-7/8" Production TBG while scanning
- 6. MIRU wireline.
- 6581
- 7. RIH & set 5.5 CIBP ~6630 (top perf @ 6,637).
- 8. Test CIBP to 500 psi.
- 9. Tag CIBP & Ciculate plugging mud, then spot 25 sx class C cement on top of CIBP (1.32 yield, 25 sxs, will cover ~253' of csg). PU, reverse tbg to clean. Test csg to 500 psi, if good no need to woc and tag. If it doesn't test, woc & then tag.
- 10.TOOH to 5460' & spot 25 sxs Class C cement from 5460 to 5210 (this plug will cover Cherry Canyon zone). PU & reverse tbg clean. No tag required.
- 11.TOOH to 4540 and spot cement across intermediate shoe 100 sxs Class C cement from 4665' to suf. 4540 to 3528 to cover the intermediate shoe & bottom of salt/deleware. PU & reverse

tbg clean. WOC & Tag 466 985

- 12.TOOH to 1180 top of salts & then then spot 25 sxs Class C cement from 1,150' to 927' to
- 13. TOOH to 100' & spot 10 sxs Class C cement from 100' to surface
- 14. Dig out cellar, cut off wellhead and verify cement behind all casing strings.
- 15.Install dry hole marker, clean location and RDMO.

Page 2



6/24/24 P&A

Production Engineer:

Date: 6/24/24

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

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 <u>ninety (90)</u> 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. <u>Notification:</u> 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. <u>Blowout Preventers</u>: 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. <u>Mud Requirement:</u> 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 **fresh** water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: 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 for Class C or accelerated cement (calcium chloride) and 6 hours for Class H. 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.

Fluid used to mix the cement in R111Q shall be saturated with the salts common to the section penetrated, and in suitable proportions but not less than 1% and not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

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 BY PHONE (numbers listed in 2. Notifications) 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 ½ inch thick and welded in place. A weep hole shall be left in the plate and/or casing. The following information shall be permanently inscribed on the plate: well name and number, name of operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

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. <u>Subsequent Plugging Reporting:</u> 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. <u>Trash:</u> 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 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

Sundry ID	2797061				1		
						Cement	
Plug Type	Тор	Bottom	Length	Tag	Sacks	Class	Notes
		400.00	400.00	- 04 16			
Surface Plug Fresh Water @ 600	0.00 544.00		100.00	Tag/Verify			
13.375 inch- Shoe Plug	1019.20			Tag/Verify			
Top of Salt @ 1122	1060.78			Tag/Verify			
				,			
Base of Salt @ 3814	3725.86		138.14	Tag/Verify			
8.625 inch- Shoe Plug	4137.70	4280.00	142.30	Tag/Verify			
				If solid			
				base no			
				need to			
				Tag			
				(CIBP			
				present			
				and/or			
				Mechanic			
				al Integrity Test), If			
				Perf &			
				Sqz then			
				Tag, Leak			
				Test all			
				CIBP if no			
				Open			Spot cement from
D. I	4450.45	4005.00	445.55	Perforatio	400.00		4605' to surface.
Delaware @ 4555	4459.45	4605.00	145.55	ns	466.00	C	Verify at surface.
				If solid			
				base no			
				need to			
				Tag (CIBP			
				present			
				and/or			
				Mechanic			
				al Integrity			
				Test), If			
				Perf &			
				Sqz then Tag, Leak			
				Test all			
				CIBP if no			
				Open			
				Perforatio			Set CIBP at 6587'.
CIBP Plug	6552.00		35.00		25.00	С	Leak test CIBP.
Perforations Plug (If No CIBP)	6587.00			Tag/Verify			
Bonesprings @ 8474 5.5 inch- Shoe Plug	8339.26 8513.50	8524.00 8700.00	184.74	Tag/Verify			
a.a mon- ande riug	0013.50	0700.00	180.50	rag/verify			1

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.

Medium, Secretary: Top of salt to surface If no salt take the deepest fresh water or Karst Depth

High, Critical: Bottom of Karst to surface or Deepest fresh water, whichever is greater R111P: 50 Feet from Base 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 Requirement:	<u>50 Feet</u> <u>R111</u>	t from Base of Salt t	o surface
13.375 inch- Shoe Plug @ 8.625 inch- Shoe Plug @ 5.5 inch- Shoe Plug @	1080.00 4230.00 8650.00		
Perforatons Top @	6637.00	Perforations	8426.00
		CIBP @	6587.00

eog resources

Page 1

6/24/24 P&A

CAPER BFE FEDERAL #005 P&A Capital AFE# 184553

Well Name	CAPER BFE FEDERAL #005 P&A						
Surface Location	32.47587,-103.69314NAD83			AFE/Sub Code	184553/235		
RKB – Sea Level	3656	Area/Field	Red Tank	Spud Date	8/26/05		
G.L. Elevation	3648	County/Province	Lea	Original Rig Contractor	-		
API	30-025-37448	State / Country	NM	Formation			
Comp Date	9/26/6	Total MD	8,650	Top Perf	6637		
КОР	-	Average Lateral TVD	-	Wellhead MFG	-		

^{*}Note all depths include KB 25'.

STRING NAME	STRING OD	STRING WEIGHT	DESCRIPTION	FINAL DEPTH
SURFACE	13.325	48	13-3/8 H40	1080
INTERMEDIATE	8.625	28	8-5/8 K-55	4230
PRODUCTION	5.5	17 &15.5	5 1/2 K55	8.650

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

PROCEDURE:

- 1. Notify state 24 hours before beginning work.
- 2. MIRU & Kill well.
- 3. ND/NU WH/BOP
- 4. Release TAC
- 5. TOOH Entire string of 2-7/8" Production TBG while scanning
- 6. MIRU wireline.
- 7. RIH & set 5.5 CIBP ~6630 (top perf @ 6,637).
- 8. Test CIBP to 500 psi.
- 9. Tag CIBP & Ciculate plugging mud, then spot 25 sx class C cement on top of CIBP (1.32 yield, 25 sxs, will cover ~253' of csg). PU, reverse tbg to clean. Test csg to 500 psi, if good no need to woc and tag. If it doesn't test, woc & then tag.
- 10.TOOH to 5460' & spot 25 sxs Class C cement from 5460 to 5210 (this plug will cover Cherry Canyon zone). PU & reverse tbg clean. No tag required.
- 11.TOOH to 4540 and spot cement across intermediate shoe 100 sxs Class C cement from 4540 to 3528 to cover the intermediate shoe & bottom of salt/deleware. PU & reverse tbg clean. WOC & Tag
- 12.TOOH to 1180 top of salts & then then spot 25 sxs Class C cement from 1,150' to 927' to
- 13.TOOH to 100' & spot 10 sxs Class C cement from 100' to surface
- 14. Dig out cellar, cut off wellhead and verify cement behind all casing strings.
- 15.Install dry hole marker, clean location and RDMO.

eog resources

Page 2

6/24/24 P&A

Production Engineer: Date: 6/24/24

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

 Well Name:
 CAPER BFE FEDERAL #005

 Location:
 1650 FSL 1650 FEL

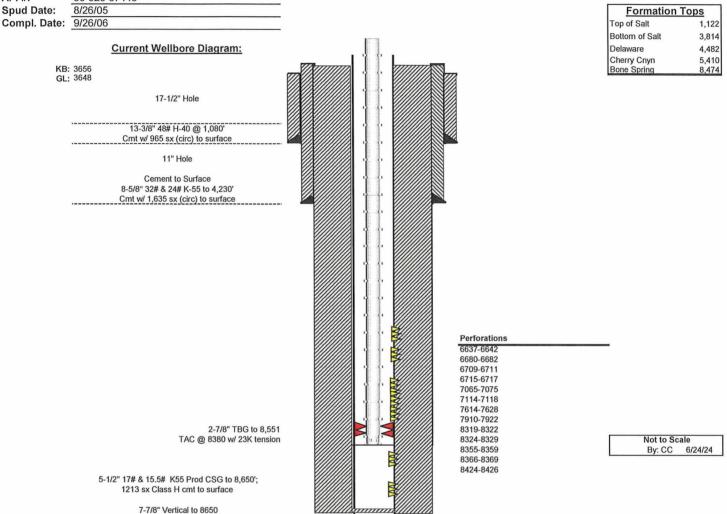
 County:
 Lea, NM

 Lat/Long:
 32.47587,-103.69314NAD83

 API #:
 30-025-37448

 Spud Date:
 8/26/05





 Well Name:
 CAPER BFE FEDERAL #005

 Location:
 1650 FSL 1650 FEL

 County:
 Lea, NM

 Lat/Long:
 32.47587,-103.69314NAD83

 API #:
 30-025-37448

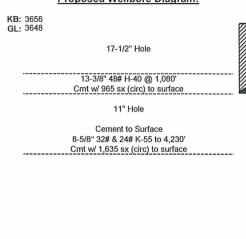
 Spud Date:
 8/26/05

 Compl. Date:
 9/26/06



Formation Tops Top of Salt 1,122 Bottom of Salt 3,814 Delaware 4,482 Cherry Cnyn 5,410 Bone Spring 8,474

Proposed Wellbore Diagram:



Spot 10 sxs Class cement from 100' to surface'

Spot 25 sxs Class cement from 1,180' to 927' Covers top salt and surface shoe WOC & Tag

Spot 100 sxs Class cement from 4,540' to 3,528' Covers Dellaware/Bottom Salt & intermediate shoe WOC & Tag

Spot 25 sxs Class C cement from 5,460 to 5210 to cover Cherry Canyon - no tag

Spot 25 sxs class C cement spotted on top of CIBP from 6,630' to 6,377' (Set CIBP above top perf @ 6,630'

Perforations 6637-6642 6680-6682 6709-6711 6715-6717 7065-7075 7114-7118 7614-7628 7910-7922 8319-8322 8324-8329 8355-8359 8366-8369

8424-8426

Not to Scale By: CC 6/24/24

2-7/8" TBG to 8,551 TAC @ 8380 w/ 23K tension

5-1/2" 17# & 15.5# K55 Prod CSG to 8,650'; 1213 sx Class H cmt to surface

7-7/8" Vertical to 8650

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

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 365161

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
5509 Champions Drive	Action Number:
Midland, TX 79706	365161
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Create		Condition Date
gcore	Good to plug with BLM approved plugging procedure.	8/1/2024