

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

Well Name: BARN OWL FEDERAL	Well Location: T26S / R27E / SEC 19 / NWNE / 32.03555 / -104.224861	County or Parish/State: EDDY / NM
Well Number: 2H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM114969	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001542472	Operator: COG OPERATING LLC	

Accepted for record only BLM approval required NMOCD 8/26/24

CBL is in files

Subsequent Report

Sundry ID: 2803512

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 07/29/2024

Time Sundry Submitted: 10:28

Date Operation Actually Began: 06/10/2024

Actual Procedure: 06/10/24 MIRU plugging equipment. Dug out cellar. 06/11/24 Pumped 60 bbls brine H2O & bled down well. ND wellhead, NU BOP. 06/12/24 Tagged existing 5 1/2" CIBP @ 6519'. Pressure tested csg. Circulated 30 BBLS 10# Brine H2O. POH w/ tbg. 06/13/24 RU 3rd party wireline & junk basket to 6502'. Ran CBL to 6502' and logged out. Set packer @ 1736'. Pressured up on csg below packer & pressured up to 500 PSI. Pressure did not hold. Pressure tested from 1736' to surface & pressured up to 500 PSI. Pressure held. 06/14/24 Set packer @ 2765'. Pressure tested above to 500 PSI, did not hold. Pressure tested below pkr to 500 PSI. Pressure held. Set packer @ 2697'. Pressure tested above to 500 PSI, pressure held. Pressure tested below to 500 PSI. Pressure did not hold. Circ'd hole w/ 10# salt gel. Spotted 150 sx class C cmt @ 6501-4976'. WOC. 06/18/24 Tagged plug @ 4999'. Spotted 130 sx class C cmt @ 4116-2801'. WOC & tagged @ 2823'. Perf'd @ 2700'. Sqz'd 150 sx class C cmt @ 2700-1750'. WOC. 06/19/24 Tagged plug @ 1721'. Perf'd @ 450'. Pressured up on perms to 500 PSI in 9 5/8 X 13 3/8" annulus. ND BOP. Sqz'd 175 sx class C cmt @ 450' & circulated to surface. Displaced cmt to 15' on intermediate. 06/24/24 Moved in backhoe & welder. Cut off wellhead. Stopped job due to bubbles in surface & intermediate csg. 06/25/24-07/18/24 Monitored well. Notified BLM that bubbles stopped. Welded an Above Ground Dry Hole Marker. Dug up anchors, backfilled cellar, cleaned location, & moved off

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Unit or CA Name:

Unit or CA Number:

US Well Number: 3001542472

Operator: COG OPERATING LLC

SR Attachments

Actual Procedure

Barn_Owl_Federal_2H_Plugged_WBD_20240729102815.pdf

Barn_Owl_Federal_2H_Current_WBD_20240729102809.pdf

Barn_Owl_Fed_2_DHM_Pictures_20240729102802.pdf

Barn_Owl_Federal_2H_Plugging_Record_20240729102750.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: RUTH SHOCKENCY

Signed on: JUL 29, 2024 10:28 AM

Name: COG OPERATING LLC

Title: Regulatory Analyst

Street Address: 600 W. ILLINOIS AVE.

City: MIDLAND State: TX

Phone: (575) 703-8321

Email address: RUTH.SHOCKENCY@CONOCOPHILLIPS.COM

Field

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JAMES A AMOS

BLM POC Title: Acting Assistant Field Manager

BLM POC Phone: 5752345927

BLM POC Email Address: jamos@blm.gov

Disposition: Accepted

Disposition Date: 08/02/2024

Signature: James A Amos

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.

5. Lease Serial No. **NMNM114969**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **COG OPERATING LLC**

3a. Address **600 West Illinois Ave, Midland, TX 79701** 3b. Phone No. (include area code) **(432) 683-7443**

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
SEC 19/T26S/R27E/NMP

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

8. Well Name and No. **BARN OWL FEDERAL/2H**

9. API Well No. **3001542472**

10. Field and Pool or Exploratory Area
BONE SPRINGS/WELCH-WOLFCAMP (GAS)

11. Country or Parish, State
EDDY/NM

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input checked="" 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 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 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 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 determined that the site is ready for final inspection.)

06/10/24 MIRU plugging equipment. Dug out cellar. 06/11/24 Pumped 60 bbls brine H2O & bled down well. ND wellhead, NU BOP. 06/12/24 Tagged existing 5 1/2" CIBP @ 6519'. Pressure tested csg. Circulated 30 BBLS 10# Brine H2O. POH w/ tbg. 06/13/24 RU 3rd party wireline & junk basket to 6502'. Ran CBL to 6502' and logged out. Set packer @ 1736'. Pressured up on csg below packer & pressured up to 500 PSI. Pressure did not hold. Pressure tested from 1736' to surface & pressured up to 500 PSI. Pressure held. 06/14/24 Set packer @ 2765'. Pressure tested above to 500 PSI, did not hold. Pressure tested below pkr to 500 PSI. Pressure held. Set packer @ 2697'. Pressure tested above to 500 PSI, pressure held. Pressure tested below to 500 PSI. Pressure did not hold. Circ'd hole w/ 10# salt gel. Spotted 150 sx class C cmt @ 6501-4976'. WOC. 06/18/24 Tagged plug @ 4999'. Spotted 130 sx class C cmt @ 4116-2801'. WOC & tagged @ 2823'. Perf'd @ 2700'. Sqz'd 150 sx class C cmt @ 2700-1750'. WOC. 06/19/24 Tagged plug @ 1721'. Perf'd @ 450'.
Continued on page 3 additional information

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
RUTH SHOCKENCY / Ph: (575) 703-8321

Regulatory Analyst
Title

(Electronic Submission)
Signature

Date **07/29/2024**

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
JAMES A AMOS / Ph: (575) 234-5927 / Accepted

Acting Assistant Field Manager
Title

08/02/2024
Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office **CARLSBAD**

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Additional Remarks

Pressured up on perms to 500 PSI in 9 5/8 X 13 3/8" annulus. ND BOP. Sqz'd 175 sx class C cmt @ 450' & circulated to surface. Displaced cmt to 15' on intermediate. 06/24/24

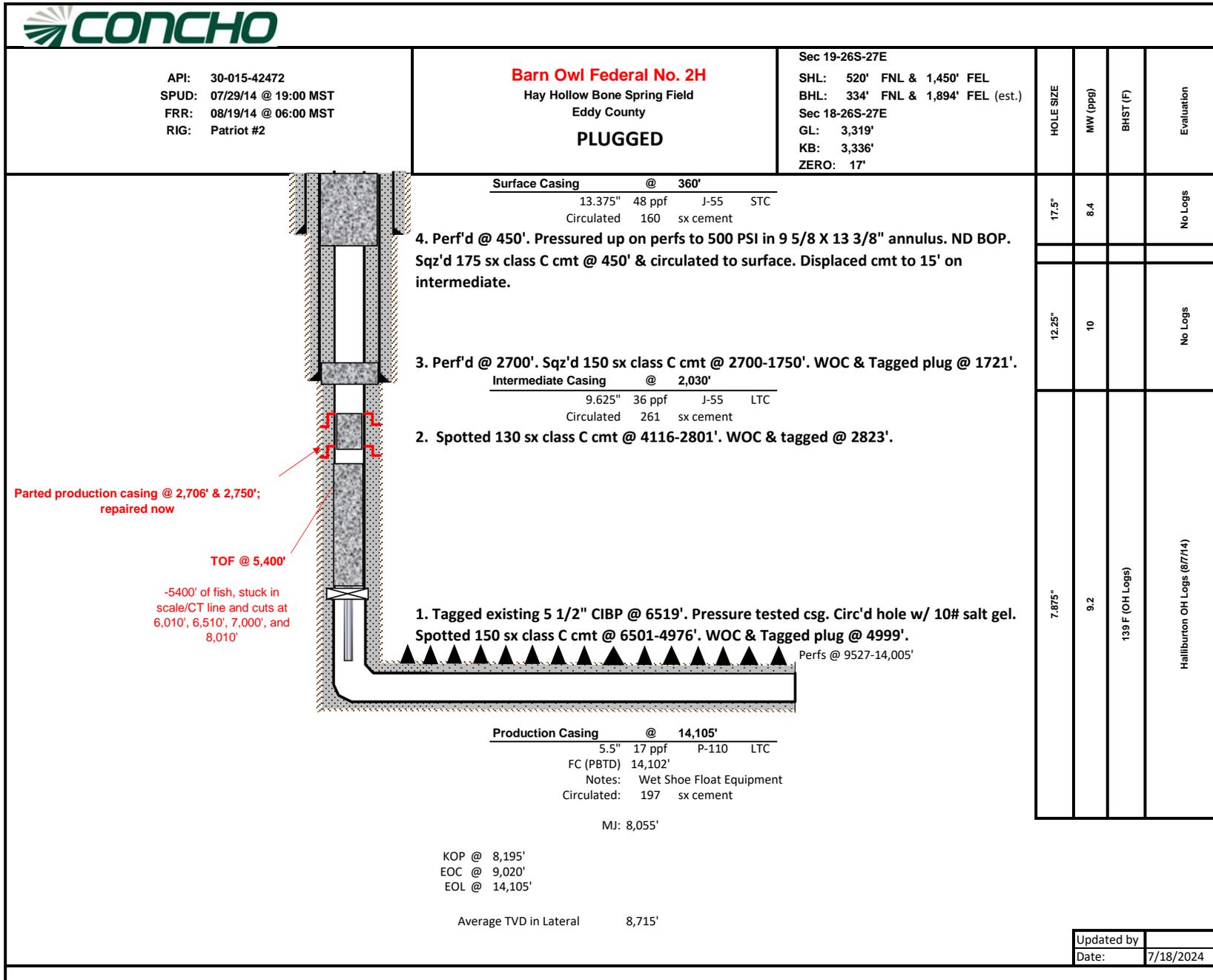
Moved in backhoe & welder. Cut off wellhead. Stopped job due to bubbles in surface & intermediate csg. 06/25/24-07/18/24 Monitored well. Notified BLM that bubbles stopped.

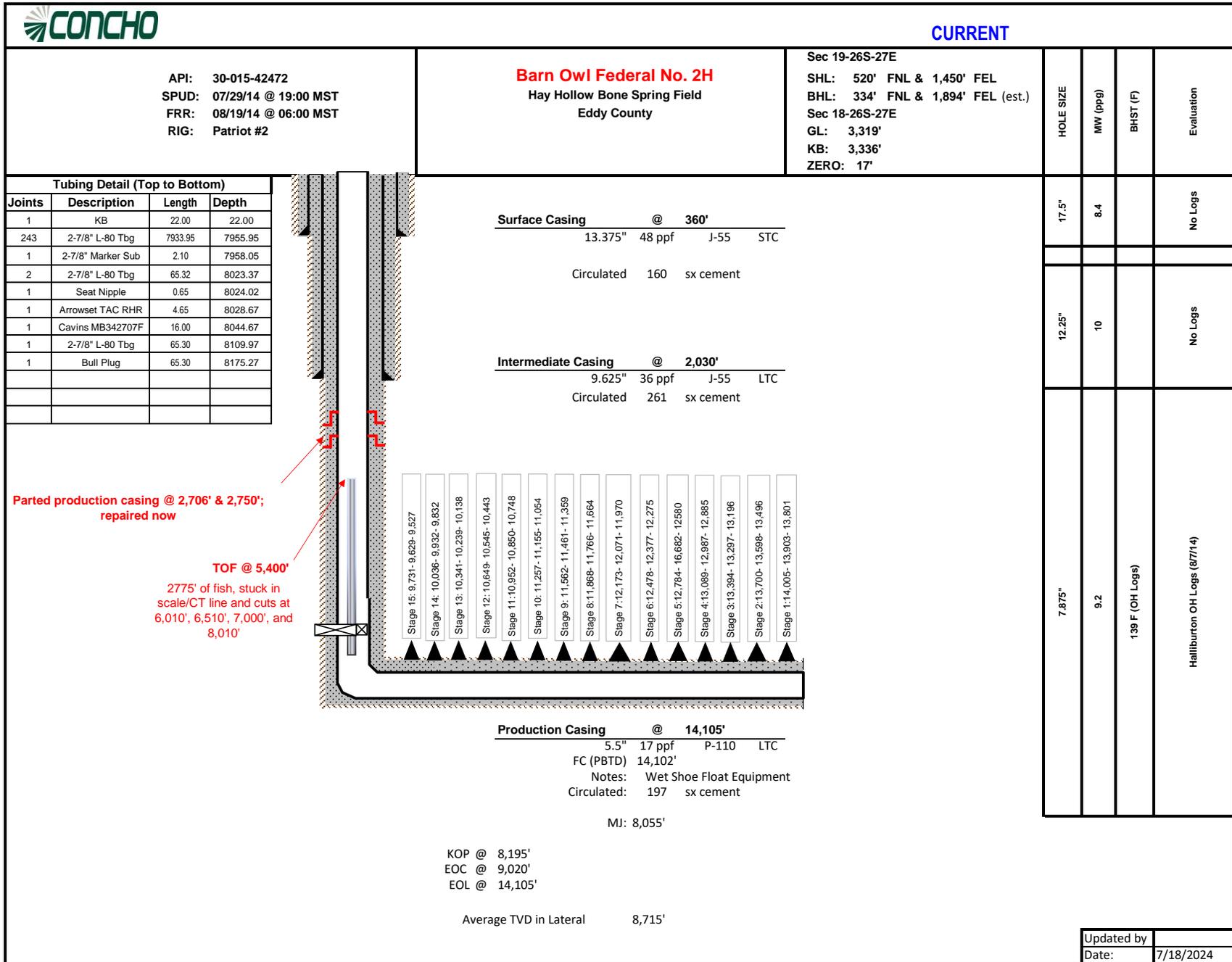
Welded an Above Ground Dry Hole Marker. Dug up anchors, backfilled cellar, cleaned location, & moved off

Location of Well

0. SHL: NWNE / 520 FNL / 1450 FEL / TWSP: 26S / RANGE: 27E / SECTION: 19 / LAT: 32.03555 / LONG: -104.224861 (TVD: 0 feet, MD: 0 feet)

BHL: NWNE / 334 FNL / 1894 FEL / TWSP: 26S / RANGE: 27E / SECTION: 18 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)









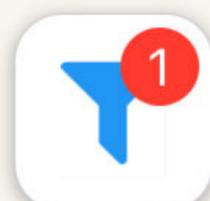
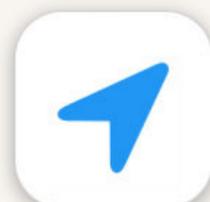








welch barn owl



BARN OWL FEDERAL 2H

COG OPERATING LLC
EDDY COUNTY, NM
26S-27E-19-NWNE (B)
30-015-42472
32.033728,-104.225359



DIRECTIONS



SHARE



SAVE

**Plug Abandonment
Subsequent Report**

OPERATOR NAME:	COG Operating, LLC
LEASE NO.:	NMNM114969
WELL NAME & NO.:	Barn Owl Federal #2H
US WELL NUMBER:	30-015-42472
LOCATION:	T26S/R27E/Sec 19/ NWNE
COUNTY:	Eddy County, NM

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

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 370306

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 370306
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Accepted for record only BLM approval required NMOCD 8/26/24 CBL is in files	8/26/2024