

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED
Nov 18 2019
DISTRICT OFFICEFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.
NMNM28636

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
FEDERAL BL 19. API Well No.
30-015-23782-00-S110. Field and Pool or Exploratory Area
ROBINA DRAW11. County or Parish, State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
CHEVRON USA INCORPORATED

Contact: HOWIE LUCAS

E-Mail: howie.lucas@chevron.com

3a. Address
6301 DEAUVILLE BLVD
MIDLAND, TX 797063b. Phone No. (include area code)
Ph: 832-588-4044

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

Sec 17 T23S R24E NWNE

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

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

Chevron respectfully requests to abandon this well as follows:

1. Notify BLM 24 hrs. prior to starting work.

2. MIRU rig-less wireline.

3. Run gauge ring and locate packer. Set CIPB above packer at 8,184'. Pressure test casing and tubing 1/1,000 psi each for 15 minutes. Cut tubing above CIPB. If casing or tubing pressure test failed, contact engineer to discuss standing tubing back and pressure test TIH.

4. MIRU pulling unit.

5. Check pressures on all strings and bubble test. If sustained casing pressure is noted, Chevron intends to utilize another means of eliminating the pressure (Zonite, Nano-Seal, Cut and pull casing, etc) as agreed upon by the BLM.

6. Kill well as necessary, N/U BOP.

7. Spot 90 sx CL "H" Cement f/ 8,184' t/ 7,370' (Perfs, Wolfcamp, 1st Bone Spring). Must tag at

7750 - 7570

-omit.
GC 11/20/19
Accepted for record - NMOCDSEE ATTACHED FOR
CONDITIONS OF APPROVAL

Accepted for record - NMOCD

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #488717 verified by the BLM Well Information System

For CHEVRON USA INCORPORATED, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH MCKINNEY on 10/18/2019 (20DLM0051SE)

Name (Printed/Typed) HOWIE LUCAS

Title ENGINEER

Signature (Electronic Submission)

Date 10/17/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>James R. Amos</u>	Title <u>SAET</u>	Date <u>11-3-19</u>
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 <u>CPD</u>	

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)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

JL

Additional data for EC transaction #488717 that would not fit on the form

32. Additional remarks, continued

~~7,400'~~ ⁷⁵⁷⁰ or higher. Discuss w/ BLM about waiving WOC if casing pressure tested. Ensure to spot enough WOC NOT Req.
MLF between cement plugs out in accordance w/ BLM regulations. *Need 25 sx Spacer 6360-6280.*
8. Perforate casing at 3,842' & squeeze 55 sx CL "C" Cement f/ 3,652' t/ 3,842', WOC & tag (Bone Spring). Must tag at 3,692' or higher. *Add. Shoe plug: Perf @ 2483, 502 cmt to 2363. WOC Tag.*
9. Perforate casing at 1,662' & squeeze 220 sx CL "C" Cement f/ 1,930' t/ 1,662', WOC & tag (Cherry & Brushy Canyons). Must tag at ~~970'~~ ¹⁴²⁰ or higher. *1420*
10. Perforate casing at 453' & squeeze 140 sx CL "C" Cement f/ Surface t/ 453' (FW, shoe).
11. Cut off wellhead 3' below grade. Verify Cement To Surface, install required dry hole marker as per COA's, turn over to reclamation.
All cement plugs will be class "C" (<7,500') or "H" (>7,500') with a closed loop system used.

Federal BL #1 Wellbore Diagram

Created: 03/26/19 By: Yifan Li
 Updated: 10/17/19 By: H Lucas
 Lease: Federal BL
 Field: Wildcat Atoka
 Surf. Loc.: 300' FNL & 2600' FEL
 Bot. Loc.:
 County: Eddy St.: NM
 Status: Active Gas Well

Well #: 1 Fd./St. #: NM-28636
 API 30-015-23782
 Surface Tshp/Rng: S-23 & E-24
 Unit Ltr.: B Section: 17
 Bottom hole Tshp/Rng:
 Unit Ltr.: Section:
 Cost Code:
 Chevno: AN3706

Surface Casing

Size: 13 3/8 ✓
 Wt., Grd.: 48# H-40 ✓
 Depth: 403 ✓
 Sxs Cmt: 650 ✓
 Circulate: Yes ✓
 TOC: Surface ✓
 Hole Size: 17 1/2 ✓

KB: 4,239
 DF: N/A
 GL: 4,225
 Ini. Spud: 06/12/81
 Ini. Comp.: 10/07/82

Intermediate Casing

Size: 9 5/8 ✓
 Wt., Grd.: 36# K-55 ✓
 Depth: 2,433 ✓
 Sxs Cmt: 1,330 ✓
 Circulate: Yes, 250 ✓
 TOC: Surface ✓
 Hole Size: 12 1/4 ✓

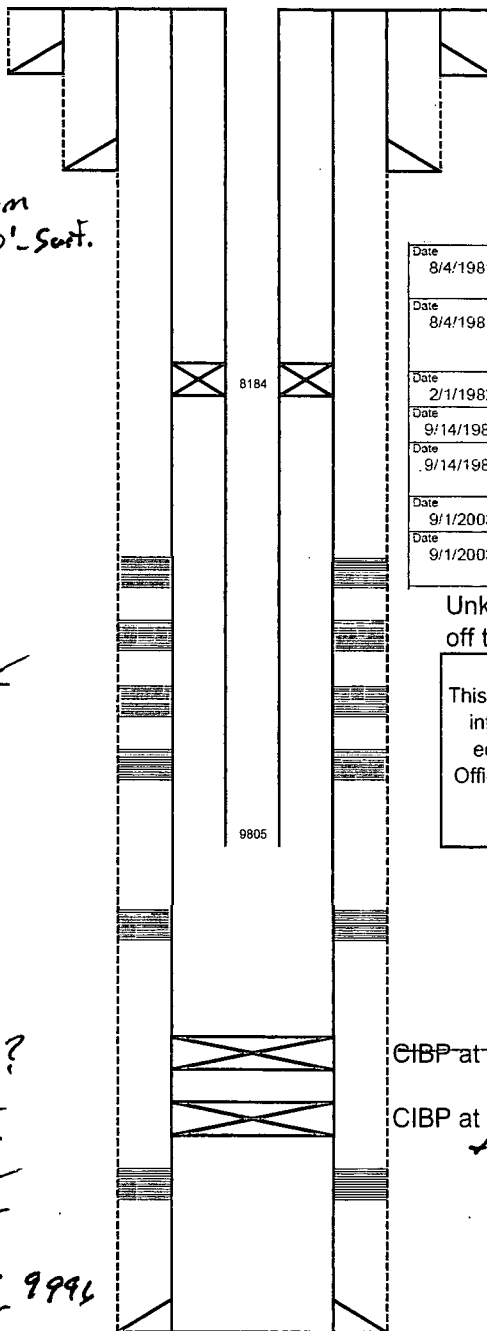
Production Casing

Size: 5 1/2" ✓
 Wt., Grd.: 17# N 80 & 15.5# K 55 ✓
 Depth: 10,933 ✓
 Sxs Cmt: 1,500 ✓
 Circulate: No ✓
 TOC: 6200 TS ✓
 Hole Size: 8 3/4 ✓
 7520' of 17# and 3380' of 15.5#

Perforations

9/14/1989 ATOKA 8,305' - 9,402' ?
 (Per Chesapeake record)
 9/14/1989 ATOKA 9,404' - 9,410' ✓
 9/14/1989 ATOKA 9,470' - 9,480' ✓
 9/14/1989 ATOKA 9,618' - 9,626' ✓
 9/14/1989 ATOKA 9,658' - 9,668' ✓
 9/14/1989 ATOKA 9,754' - 9,760' ✓
 2/1/1982 ATOKA 9,962' - 10,002' ✓
 8/4/1981 ATOKA 10,448' - 10,570' ✓

1" from 120' - Surf.



History

Date	8/4/1981	Comment
		Perfs: 10448'-58', 478'-503', 508'-512', 534'-40', 550'-70'.
Date	8/4/1981	Comment
		ACDZ 10550'-10570' w/ 10,000 gal 7.5% MS & 1000 scf N2/bbl. Flush w/ 24 bbls 10# brine, 2% KCL & N2.
Date	2/1/1982	Comment
		CIBP @ 10,400' w/ 35' cmt cap.
Date	9/14/1989	Comment
		CIBP @ 9950' w/ 35' cmt cap.
Date	9/14/1989	Comment
		ACDZ 9404'-9760' w/ 2000 gal 7.5% MS w/ 1000 scf N@bbl & 125 BS.
Date	9/1/2003	Comment
		DO CIBP @ 9950' & push to btm.
Date	9/1/2003	Comment
		ACDZ 9962'-10002' w/ 2000 gal 15% HCL. ACDZ 8305'-9491' w/ 2000 gal 15% HCL.

Unknown packer and unknown if on-off tool exists

This wellbore diagram is based on the most recent information regarding wellbore configuration & equipment that could be found in the Midland Office well files & computer / online databases as of the update date above.

CIBP at 10363' 9950 + 35' cmt
 CIBP at 10400' w/ unknown cmt on top + 35' cmt

PBTD: 10,365
 TD: 10,933

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 Unit Ltr.: B Section: 17
 Bottom hole Tshp/Rng:
 Unit Ltr.: Section:
 Cost Code:
 Cheveno: AN3706

Surface Casing

Size: 13 3/8
 Wt., Grd.: 48# H-40
 Depth: 403
 Sxs Cmt: 650
 Circulate: Yes
 TOC: Surface
 Hole Size: 17 1/2

Intermediate Casing

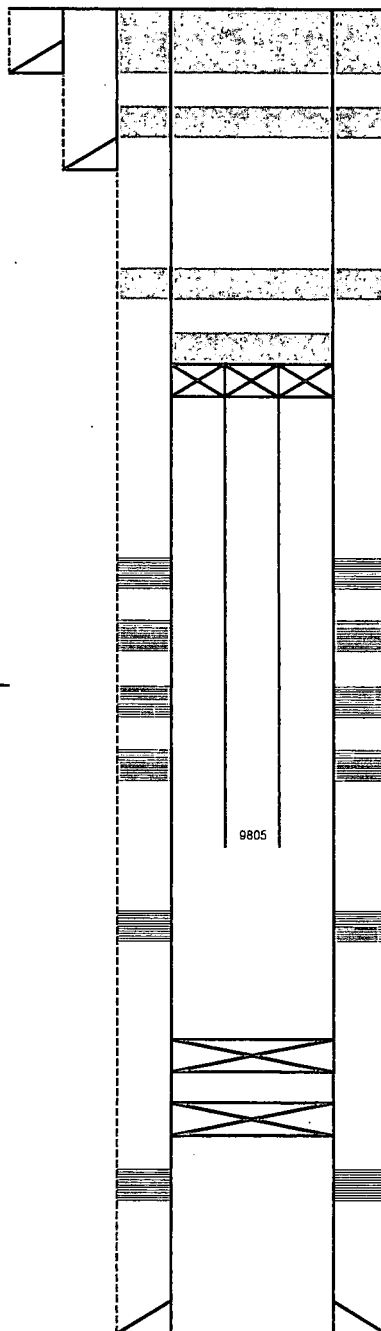
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 Wt., Grd.: 36# K-55
 Depth: 2,433
 Sxs Cmt: 1,330
 Circulate: Yes, 250
 TOC: Surface
 Hole Size: 12 1/4

Production Casing

Size: 5 1/2"
 Wt., Grd.: 17# N 80 & 15.5# K 55
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 2/1/1982 ATOKA 9,962' - 10,002'
 8/4/1981 ATOKA 10,448' - 10,570'



4 P&S across
 surf casing
 3 P&S across
 the Cherry and
 Brushy Canyons

KB: 4,239
 DF: N/A
 GL: 4,225
 Ini. Spud: 06/12/81
 Ini. Comp.: 10/07/82

2 P&S above the Bone Spring

1 Set CITP, cut tubing and pump cement
 t/ above the 3rd Bone Spring

Formation Name	MD, ft
	Top
Marker	Depth (md)
Salt	not present
Lamar	not present
Bell Canyon	not present
Cherry Canyon	1,470
Brushy Canyon	1,612
Bone Spring	3,792
1st Bone Spring	3,980
2nd Bone Spring	4,900
3rd Bone Spring	7,500
Wolfcamp	7,700
Pennsylvanian (Cisco)	8,564
Strawn	9,553
Atoka	9,700
Morrow	10,303

PBTD: 10,365
 TD: 10,933

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

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 575-393-3612.

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.

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, 55 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. Dry Hole Marker: 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.

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the 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).

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.