

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED
OCD ArtesiaFORM 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.
NMNM63757

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
LOTOS C FEDERAL 9119. API Well No.
30-015-35357-00-S110. Field and Pool or Exploratory Area
SAND DUNES WEST11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

CHEVRON USA INCORPORATED

Contact: HOWIE LUCAS

E-Mail: howie.lucas@chevron.com

3a. Address

6301 DEAUVILLE BLVD
MIDLAND, TX 79706

3b. Phone No. (include area code)

Ph: 832-588-4044

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

Sec 9 T24S R31E SWNE 1980FNL 1651FEL

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☒ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

13-3/8" 48# 785' TOC Surface, 8 5/8" 32# 4,335' TOC surface, 5 1/2" 17# 8,300' TOC 3,192' via
CBL, Perfs 8,000'-8,183'.

Chevron respectfully requests to abandon this well as follows:

1. Notify BLM 24 hrs. prior to starting work (575) 234-5909.

2. MIRU, test tubing t/ 1000 psi f/ 10 min, POOH w/ rods, N/U BOP, pull tubing, bubble test all casing strings and share results w/ BLM and engineer. In the event the bubble test fails, Chevron plans to utilize Zonite, sodium silicate, cutting and pulling casing, or a combination of the three after plugging up to a designated depth agreed upon by Chevron and the BLM.

3. Set CIBP at 7,950', test casing t/ 1000 psi f/ 10 min, spot MLF, spot 25 sx CL "H" cmt f/ 7,950' t/ 7,725', WOC & tag only if casing failed a pressure test (Perfs, Bone Spring).

R-111-P Potash Solid Play
Thru Salt Sect.

GC 7/24/19
Accepted for record - NMOCD

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Electronic Submission #463667 verified by the BLM Well Information System
For CHEVRON USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH MCKINNEY on 05/01/2019 (19DLM0461SE)

Name (Printed/Typed) HOWIE LUCAS

Title ENGINEER


Signature

(Electronic Submission)

Date 05/01/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By



Title

SAET

Date

5-11-19

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

CFO

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 **

Additional data for EC transaction #463667 that would not fit on the form

32. Additional remarks, continued

4. Spot 70 sx CL "C" cmt f/ 6,910' t/ 6,202' Brushy Canyon, DV Tool).
5. Spot 25 sx CL "C" cmt f/ 5,324' t/ 5,071' (Cherry Canyon).
6. Spot 50 sx CL "C" cmt f/ 4,471' t/ 3,965' (Delaware, Bell Canyon, Interm Shoe, B Salt).
7. ~~Perforate casing at 905' and squeeze 245 sx CL "C" cmt f/ Surface t/ 905' (Shoe, FW, Surf).~~
8. Cut off wellhead 3' below grade, verify Cement To Surface, install required dry hole marker as per COA's, turn over to reclamation.

** Add Plug*

All cement plugs will be class "C" or class "H" (>7,500') with a closed loop system used.

*Add Plug Spot plug from 3965 - 3192. Perf @ 3182.
* SQZ cnt to 400' woc Tag. (Can stage cnt.
SQZ / woc Tag, Perf @ Top of Tags.)*

Perf @ 60' SQZ cnt Surf.

**CURRENT
WELLBORE DIAGRAM**

Lease: Lotos Well No: 911 API: 30-015-35357 Chev No.: LB0228
 Location: Sec: 31 Blk: Survey: TS
 County: EDDY State: New Mexico LAT: 32.2336700 LONG: -103.7795500
 Field: Ingle Wells WBS: Cost Center: UCRI30100
 Directions to WellSite:

Surface CASING

Size: 13 3/8
 Wt.: 48#
 Set @: 785
 Sxs cmt: 660 sks
 Cmt Date: 5/17/07
 Circ: Yes

Intermediate CASING

Size: 8 5/8
 Wt.: 32#
 Set @: 4335
 Sxs Cmt: 1100 sks
 Cmt Date: 5/23/07
 Circ: yes

Production CASING

Size: 5 1/2
 Wt.: 17#
 Set @: 8300
 Sxs Cmt: 1050 sks
 Cmt Date: 6/5/07
 Circ: no
 DV Tool: 6313
 CBL 6/14/07 TOC 3192

17 1/2"
hole

12 1/4"

not
2 stage
1st circ.

✓ 8000' - 8183'

KB: 3,465.0
 GL: 3,447.0
 Spud Date: 5/9/07
 Compl. Date: 6/30/2007

Tubing Detail					
Equipment	Size	EUE Plain	Threads	No. Joints	Feet
TUBING 6.5# L-80	2 7/8	EUE	8RD	252	7,393
TAC	2 7/8	EUE	8RD	1	3
TUBING 6.5# L-80	2 7/8	EUE	8RD	28	790
Seat Nipple	2 7/8	EUE	8RD	1	1
TUBING 6.5# L-80	2 7/8	EUE	8RD	1	2
Sand Separator	2 7/8	EUE	8RD	1	4
Bull Plug	2 7/8	EUE	8RD	1	31
Kelly Bushing					18
Total					8240

Rod Detail				
Size	Manufacturer	No. of Rods	Length	Grade
1 1/2	POLISHROD	1	30	N-96
7/8	STEEL RODS FHSM	130	3193	N-96
3/4	STEEL RODS FHSM	187	4675	N-96
1 1/2	SINCKER BAR	12	300	N-96
7/8	MOLDED ROD GUIDE	1	4	N-96
1 1/2	GARNER PUMP	1	26	
Total			8228	

Name	Top
	Meas. Depth
PERMIAN RED BEDS CASTLE	0' - 450' 450' - 4362'
LAMAR TOP OF DELAWARE	4421'
BELL CANYON CHERRY CANYON	4368' - 6274' 5274' - 6860'
BRUSHY CANYON BONE SPRING	6860' - 6209' 6209' - 8300'

PBTD: 8,206
 TD: 8,300

Remarks:

**Proposed
WELLBORE DIAGRAM**

Lease: Lotos Well No: 911 API: 30-015-35357 Chev No.: LB0228
 Location: _____ Sec: 31 Blk: _____ Survey: TS
 County: EDDY State: New Mexico LAT: 32.2336700 LONG: -103.7795500
 Field: Ingle Wells WBS: _____ Cost Center: UCR130100
 Directions to Wellsite: _____

Surface CASING

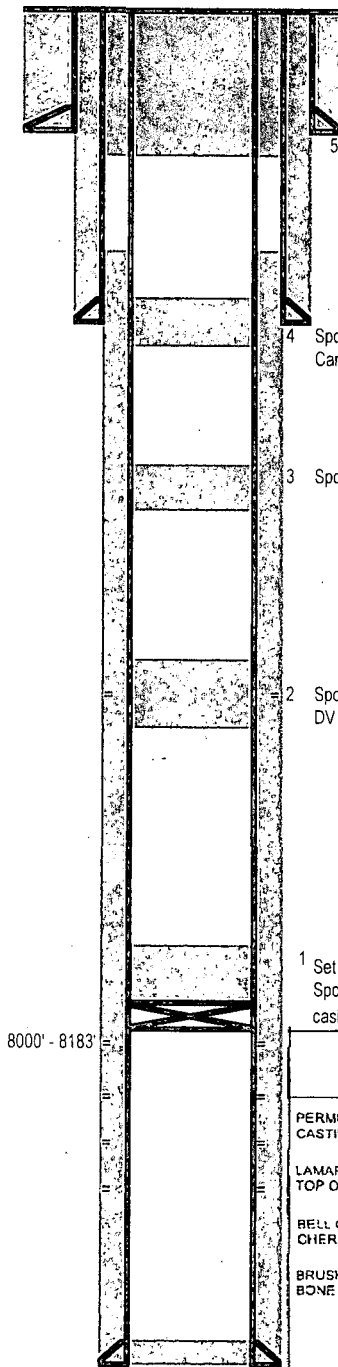
Size: 13 3/8
 Wt.: 48#
 Set @: 785
 Sxs cmt: 660 sks
 Cmt Date: 5/17/07
 Circ: Yes

Intermediate CASING

Size: 8 5/8
 Wt.: 32#
 Set @: 4335
 Sxs Cmt: 1100 sks
 Cmt Date: 5/23/07
 Circ: yes

Production CASING

Size: 5 1/2
 Wt.: 17#
 Set @: 8300
 Sxs Cmt: 1050 sks
 Cmt Date: 6/5/07
 Circ: no
 DV Tool 6313
 CBL 6/14/07 TOC 3192



5 Perforate casing at 905 and squeeze 215 sx CL "C" cement f/ surface f/ 905' (Salt, Shoe, FW)

4 Spot 50 sx CL "C" cement f/ 4471' t/ 3965' (Delaware, Bell Canyon, Interm Shoe, B Salt)

3 Spot 25 sx CL "C" cement f/ 5324' t/ 5071' (Cherry Canyon)

2 Spot 70 sx CL "C" cement f/ 6910' t/ 6202' (Brushy Canyon, DV Tool)

1 Set CIBP at 7950', pressure test csg t/ 1000 psi f/ 10 min, Spot 25 sx CL "H" cement f/ 7950' t/ 7725', WOC & tag only if casing failed a pressure test (perfs, Bone Spring)

8000' - 8183'

Name	Top
	Meas. Depth
PERMIAN RED BEOS CASTILE	0' - 450' 450' - 4362'
LAMAR TOP OF DELAWARE	4421'
BELL CANYON CHERRY CANYON	4365' - 5274' 5274' - 6860'
BRUSHY CANYON BONE SPRING	6860' - 8209' 8209' - 8300'

PBTD: 8,206
 TD: 8,300

Remarks: _____

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 575-393-3612.

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, 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