

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM 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.

SUBMIT IN TRIPLICATE - Other instructions on page 2 ARTESIA DISTRICT

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

MAR 11 2019

8. Well Name and No.  
LOTOS C FEDERAL 9032. Name of Operator  
CHEVRON USA INCORPORATEDContact: NICK GLANN  
E-Mail: nglann@chevron.com

RECEIVED

9. API Well No.  
30-015-30043-00-S13a. Address  
6301 DEAUVILLE BLVD  
MIDLAND, TX 797063b. Phone No. (include area code)  
Ph: 661-599-506210. Field and Pool or Exploratory Area  
SAND DUNES

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

Sec 9 T24S R31E SENE 1980FNL 760FEL

11. County or Parish, State  
EDDY COUNTY, NM

## 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 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.

Provide 24 hour notification to BLM prior to MIRU, as per applicable COAs

GC 3/13/19  
Accepted for record - NMOCD

1. MIRU, test tubing, pull rods, N/U BOPE, pull tubing
2. Set CIBP @ 8100', circulate 9.5 ppg MLF, test casing to 1000 psi for 10 minutes, run CBL
3. Spot 25 sx CL H cmt f/ 8100' t/ 7918' (Perfs). If casing successfully pressure tested in Step 2, do not WOC & tag. If casing did not pass the pressure test in Step 2, WOC & tag.
4. Based off CBL results, either perf & squeeze 145 sx or spot 45 sx CL C cmt f/ 4390' t/ 3976' (Delaware, Shoe, B. Salt). WOC & tag if perf & squeeze.
5. Perf & squeeze 325 sx CL C cmt f/ 920' t/ surface (T. Salt, Shoe, Fresh Water)
6. Verify cement to surface and turn over to site reclamation

Provide TOC 5 1/2"

Add - (Spacer) 6560-6360.

Perf 920. 502 cmt to 820  
Perf 60' - 502 cmt to surf.  
Or combine 920 - surf

Below ground level dry hole marker required

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

Electronic Submission #454717 verified by the BLM Well Information System

For CHEVRON USA INCORPORATED, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH MCKINNEY on 02/14/2019 (19DLM0317SE)

Name (Printed/Typed) NICK GLANN

Title WELL ABANDONMENT ENGINEER

Signature (Electronic Submission)

Date 02/14/2019

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

James R. Amos

Title

SAET

Date

2-23-19

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 \*\*

ENTERED  
2/23/19

**CURRENT  
WELLBORE DIAGRAM**

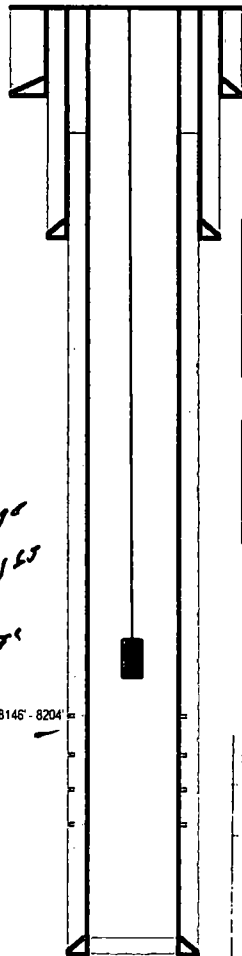
Lease: Lolos Well No: 903 API: 30-015-30043 Chev No.: BS6895  
 Location: Sec: 31 Bk: Survey: TS  
 County: EDDY State: New Mexico LAT: 32.2335600 LONG: -103.7755800  
 Field: Ingle Wells WBS: Cost Center: UCRB0100  
 Directions to WellSite:

**14 3/4" hole**  
**Surface CASING**  
 Size: 11 3/4  
 Wt: 42#  
 Set @: 650  
 Sxs cmt: 590 sks  
 Cmt Date: 3/4/98  
 Circ: Yes

**12 1/4" hole**  
**Intermediate CASING**  
 Size: 8 5/8  
 Wt: 24#  
 Set @: 4163  
 Sxs Cmt: 1525 sks  
 Cmt Date: 4/9/98  
 Circ: yes

**7 7/8" hole**  
**Production CASING**  
 Size: 5 1/2  
 Wt: 17#  
 Set @: 8400  
 Sxs Cmt: 1225 sks  
 Cmt Date: 5/10/98  
 Circ: no

*2 stage  
Circ 165  
2 stage  
Toe?*



KB: 3,458.0  
 GL: 3,445.0  
 Spud Date: 2/28/98  
 Compl. Date: 5/14/1998

Tubing Detail					
Equipment	Size	EUE Plain	Threads	No. Joints	Feet
TUBING 6.5# J-55	2 7/8	EUE	8RD	239	7,546
TAC	2 7/8	EUE	8RD	1	3
TUBING 6.5# J-55	2 7/8	EUE	8RD	14	465
Seat Nipple	2 7/8	EUE	8RD	1	2
Mud Anchor	2 7/8	EUE	8RD	1	30
Bull Plug	2 7/8	EUE	8RD	1	31
Total					8077

Rod Detail					
Size	Manufacturer	No. of Rods	Length	Grade	
1 1/4	POLISHROD	1	26	N-96	
7/8	STEEL RODS	78	1912	N-96	
3/4	STEEL RODS	231	5775	N-96	
7/8	STEEL RODS	12	300	N-96	
1 1/2	GARNER PUMP	1	20		
Total					8033

PBTD: 8,358  
 TD: 8,700

Remarks:

38. GEOLOGIC MARKERS		
NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH SubSeaDepth
Rustler	518	518'
Salado Salt	870	870'
Base Salado Salt	4078	4078'
Delaw Mtn. Grp.	4340	4340'
Cherry Canyon	5270	5270'
Brushy Canyon	6510	6510'
Bone Spring Lm.	8228	8228'

**CURRENT  
WELLBORE DIAGRAM**

Lease: Lotos Well No: 903 API: 30-015-30043 Chev No.: BS6895  
 Location: Sec: 31 Bk: Survey: TS  
 County: EDDY State: New Mexico LAT: 32.2335600 LONG: -103.7755800  
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 Directions to Wellsite:

**Surface CASING**

Size: 11 3/4  
 Wt.: 42#  
 Set @: 650  
 Sxs cmt: 590 sks  
 Cmt Date: 3/4/98  
 Circ: Yes

**Intermediate CASING**

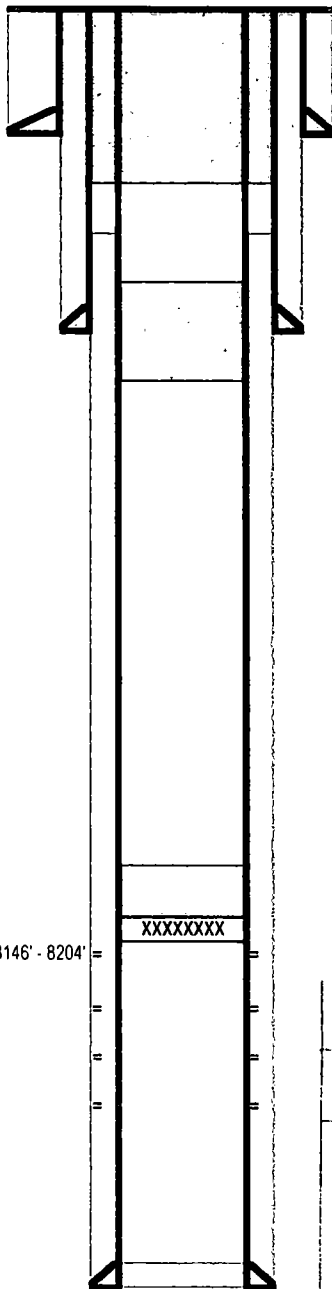
Size: 8 5/8  
 Wt.: 24#  
 Set @: 4163  
 Sxs Cmt: 1525 sks  
 Cmt Date: 4/9/98  
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**Production CASING**

Size: 5 1/2  
 Wt.: 17#  
 Set @: 8400  
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 Cmt Date: 5/10/98  
 Circ: no

PBTD: 8,358  
 TD: 8,700

Remarks:



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Based on CBL results, either P&S 145 sx or spot 45 sx CL C cmt f/ 4390' t/ 3976' (Delaware, Shoe, B. Salt). WOC & tag if P&S

Spot 25 sx CL H cmt f/ 8100' t/ 7918' (Perfs). WOC & tag  
 Set CIBP @ 8100', fill well, pressure test casing t/ 1000 psi/10 min, run CBL

38.

**GEOLOGIC MARKERS**

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	MEAS. DEPTH	TRUE VERT. DEPTH SubSeaDepth
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**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 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> 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 10<sup>th</sup> 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 1<sup>st</sup> through June 15<sup>th</sup> 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