

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.  
NMNM29234

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
LOTOS 10 FEDERAL 19. API Well No.  
30-015-2857210. Field and Pool or Exploratory Area  
COTTON DRAW11. County or Parish, State  
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions**

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
CHEVRON USA, INCContact: NICK GLANN  
E-Mail: nglann@chevron.com3a. Address  
6301 DEAUVILLE BLVD  
MIDLAND, TX 797063b. Phone No. (include area code)  
Ph: 432-687-7786

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

Sec 10 T24S R31E SWNE 1980FNL 1980FEL

## 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 recomple 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.

" R-111-P Potash "

1. Notify BLM 24 hours prior to MIRU in accordance with applicable COAs

2. MIRU, pull rods, NU BOP, pull tubing

3. Tag CIBP @ 11470'

4. Spot 25 sx CL H cement f/ 11470' t/ 11362' (Wolcamp). WOC &amp; tag. Spot MLF t/ 8330'

5. Spot 60 sx CL H cement f/ 8330' t/ 8086' (Bone Spring). WOC &amp; tag. Pressure test casing t/ 500 psi for 10 minutes. Spot MLF.

6. Spot 25 sx CL C cement f/ 6600' t/ 6465' (Spacer plug @ Brushy Canyon) &amp; DVT. WOC Tag.

7. Spot 70 sx CL C cement f/ 4460' t/ 4085' (Delaware, Shoe, B. Salt) \* Add R-111-P Plug. Spot cement f/

8. Perf &amp; squeeze 375 sx CL C cement f/ 4030' t/ surface (F. Salt, Shoe, Fresh Water)

9. Verify cement to surface &amp; RDMO

GC 4/15/19  
Accepted for record - NMOCDSEE ATTACHED FOR  
CONDITIONS OF APPROVAL4085 - 3180. Tag. Perf  
just above Tag. 502  
cm from perf to 930  
WOC Tag.

Below ground level dry hole marker required.

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

Electronic Submission #459303 verified by the BLM Well Information System  
For CHEVRON USA, INC., sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 03/26/2019 ()

Name (Printed/Typed) NICK GLANN

Title P&amp;A ENGINEER/PROJECT MANAGER

Signature (Electronic Submission)

Date 03/26/2019

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

James C. Davis

Title

SAET

Date

3-31-19

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)

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

**CURRENT  
WELLBORE DIAGRAM**

Lease: Lotos 10 Fed Well No: 1 API: 30-015-28572 Chev No.: BE9476  
 Location: Sec: 10 Blk: Survey: TS  
 County: EDDY State: New Mexico LAT: 32.2336000 LONG: -103.7630700  
 Field: Ingle Wells WBS: Cost Center: UCRC30300  
 Directions to WellSite:

**Surface CASING**

Size: 13 3/8  
 Wt.: 48#, WC40  
 Set @: 712  
 Sxs cmt: 760 sks  
 Cmt Date: 7/20/95  
 Circ: Yes

**Intermediate CASING**

Size: 9 5/8  
 Wt.: 40#, N80  
 Set @: 4318  
 Sxs Cmt: 1825 sks  
 Cmt Date: 8/2/95  
 Circ: Yes

**Intermediate CASING**

Size: 7  
 Wt.: 26#, P110  
 Set @: 11,956  
 Sxs Cmt: 1590 sks  
 Cmt Date: 9/1/95  
 Circ: No, TOC ~3200'

**Production Liner**

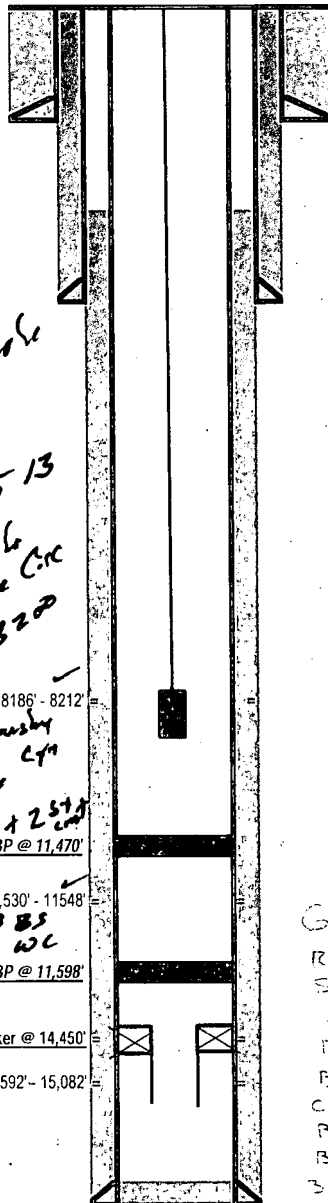
Size: 5  
 Wt.: 18#, P110  
 Set @: 11,657 - 15,350  
 Sxs Cmt: 480 sks  
 Cmt Date: 10/2/95  
 Circ: Yes, Top of Liner

Magnum Permanent Packer @ 14,450'

14,592' - 15,082'

PBTD: 11,425  
 TD: 15,350

Remarks:



KB: 3,484.0  
 GL: 3,495.0  
 Spud Date: 7/11/1995  
 Compl. Date: 10/2/1995

**Tubing Detail**

Equipment	Size	EUE	Plain	Threads	No. Joints	Feet
TUBING 6.5# J-55	2 7/8	EUE	8RD		255	8,028
TUBING 6.5# J-55	2 7/8	EUE	8RD		1	4
TUBING 6.5# J-55	2 7/8	EUE	8RD		2	63
TAC	2 7/8	EUE	8RD		1	3
TUBING 6.5# J-55	2 7/8	EUE	8RD		3	94
TUBING 6.5# J-55	2 7/8	EUE	8RD		1	32
SEAT NIPPLE	2 7/8	EUE	8RD		1	1
TUBING 6.5# J-55	2 7/8	EUE	8RD		1	4
CAVINS DESANDER	2 7/8	EUE	8RD		1	20
TUBING 6.5# J-55	2 7/8	EUE	8RD		7	221
Total						8470

**Rod Detail**

Size	Manufacturer	No. of Rods	Length
1 1/2	POLISHROD	1	26
1	STEEL RODS	1	2
1	STEEL RODS	91	2275
7/8	STEEL RODS	85	2125
3/4	STEEL RODS	131	3275
1	STEEL RODS	20	500
7/8	STABILIZER SUB	1	4
1 1/2	GARNER PUMP	1	24
Total			8231

**Geol. Tops per 1564**

Rustler	650	Datum	13816
Solado	950	Morrow	14300
BX	4185	Morrow	14673
Dakota	4410		
Bell Canyon	4475		
Cherry Canyon	5280		
Brushy Canyon	6550		
Bow Spring	8280		
3rd Sand	10675		
Wolfcamp	11485		
Strawn	13490		
Atoka	13675		

**PROPOSED  
WELLBORE DIAGRAM**

Lease: Lotos 10 Fed      Well No: 1      API: 30-015-28572      Chev No.: BE9476  
 Location:      Sec: 10      Blk:      Survey: TS  
 County: EDDY      State: New Mexico      LAT: 32.2336000      LONG: -103.7630700  
 Field: Ingle Wells      WBS:      Cost Center: UCRC30300  
 Directions to Wellsite: \_\_\_\_\_

**Surface CASING**

Size: 13 3/8  
 Wt.: 48#, WC40  
 Set @: 712  
 Sxs cmt: 760 sks  
 Cmt Date: 7/20/95  
 Circ: Yes

**Intermediate CASING**

Size: 9 5/8  
 Wt.: 40#, N80  
 Set @: 4318  
 Sxs Cmt: 1825 sks  
 Cmt Date: 8/2/95  
 Circ: Yes

**Intermediate CASING**

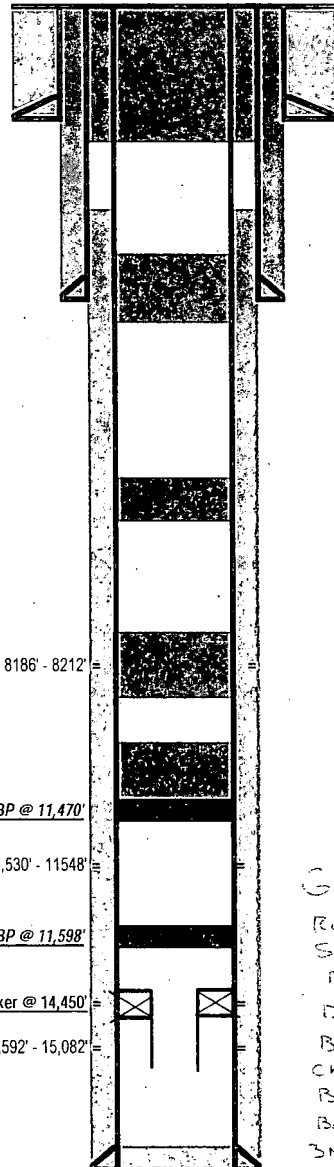
Size: 7  
 Wt.: 26#, P110  
 Set @: 11,956  
 Sxs Cmt: 1590 sks  
 Cmt Date: 9/1/95  
 Circ: No, TOC ~3200'

**Production Liner**

Size: 5  
 Wt.: 18#, P110  
 Set @: 11,657 - 15,350  
 Sxs Cmt: 480 sks  
 Cmt Date: 10/2/95  
 Circ: Yes, Top of Liner

PBTD: 11,425  
 TD: 15,350

Remarks: \_\_\_\_\_



KB: 3,484.0  
 GL: 3,495.0  
 Spud Date: 7/11/1995  
 Compl. Date: 10/2/1995  
 Perf & squeeze 375 sx CL C cmt f/ 1030' t/ surface (T. Salt, Shoe, Fresh Water)

Spot 70 sx CL C cmt f/ 4460' t/ 4085' (Delaware, Shoe, B. Salt)

Spot 25 sx CL C cmt f/ 6600' t/ 6465' (Spacer plug @ Brushy Canyon)

Spot 60 sx CL H cmt f/ 8330' t/ 8086' (Bone Spring). WOC & tag

Spot 25 sx CL H cmt f/ 11470' t/ 11362' (Wolfcamp). WOC & tag.

**Geol. Tops per BGA**

Rustler	650	Datum	13816
Salado	980	Mean	14500
Px	4185	Micro	14673
Delaware	4410	Cists	
Bell Canyon	4475		
Cherry Canyon	5280		
Brushy Canyon	6550		
Bone Spring	8280		
3rd Sand	10675		
Wolfcamp	11485		
Strawn	13490		
Atoka	13675		

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 CIBF, 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