

Form 3160-5  
(June 2015)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 NMNM91078

6 If Indian, Allottee or Tribe Name \_\_\_\_\_

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

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

1 Type of Well  
 Oil Well     Gas Well     Other

8 Well Name and No LENTINI 1 FEDERAL #1

2 Name of Operator Chevron U.S.A. Inc.

9 API Well No 30-015-27533

3a Address 6301 Deauville Blvd Rm #N3002  
Midland, TX 79706

3b. Phone No (include area code)  
(432) 687-7279

10 Field and Pool or Exploratory Area  
HERRADURA BEND; DELAWARE

4 Location of Well (Footage, Sec. T., R., M., or Survey Description)  
530' FNL & 400' FwL, Sec 1, T 23S, R28E

11 Country or Parish, State  
EDDY CO., 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 recomplate 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.)

1. NOTIFY BLM 24 HRS BEFORE OPERATIONS.
  2. SET CIBP@5800' AND SPOT 90SX THRU TUBING
  3. CIRCULATE WELLBORE WITH MLF.
  4. SPOT 25SX OF CLASS "C" CEMENT FROM 2561'-2361'. (B SALT) *WOC + Tag*
  5. SPOT 65SX OF CLASS "C" CEMENT FROM 564'-SURFACE. (SHOE/T, SALT/FW/SURFACE)
  6. CLEAN LOCATION, CUT-OFF WELLHEAD, INSTALL DRY HOLE MARKER AND TURNOVER FOR REMEDIATION.
- ALL FLUIDS WILL BE IN CLOSED SYSTEM.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
JUN 06 2017

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

RECEIVED

Accepted for record  
NMOCD  
*A.L.B.*

14 I hereby certify that the foregoing is true and correct. Name (Printed Typed):  
M LEE ROARK    lroark@chevron.com

Title PROJECT MANAGER

Signature

Date

05/25/2017

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

*M. Wals*

Title

*Eng*

Date

*5/31/17*

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

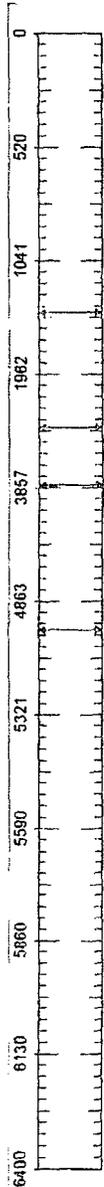
*(FO)*

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.

( LENTINI )  
**Chevron U.S.A. Inc. Wellbore Diagram : LNT1**



[Lease] OCA CARLSBAD FMT [Well No.] LENTINI FEDERAL 1 [Field] EAST HERRADURA BEND  
 [Location] 500FNL400FWL [Sec.] N/A [Blk] \_\_\_\_\_ [Survey] N/A  
 [County] Eddy [St.] New Mexico [Refno] OV7884 [API] 3001527533 [Cost Center] UCKF10100  
 [Section] E028 [Township] 1 S [Range] S023 E  
 [Current Status] ACTIVE [Dead Man Anchors Test Date] 12/16/2011  
 [Directions] \_\_\_\_\_



1 500 (1 1/2 in ) Spray Metal x 26  
 0 875 (7/8 in ) WTF HD x 4 Rod Sub @(38-42)  
 0 875 (7/8 in ) WTF HD x 6 Rod Sub @(42-48)

Wellbore Hole OD-11.0000 - N/A @(12-514)  
 Cement @(12-514)  
 Unknown 8 625 OD/ 24 00# Round Short 8 097 ID 7 972  
 Drift @(12-514)

J-55 2 875 OD/ 6 50# T&C External Upset 2 441 ID  
 2 347 Drift @(12-1910)  
 85 - 0 875 (7/8 in ) WTF HD x 25 Rod @(48-2173)

J-55 2 875 OD/ 6 50# T&C External Upset 2 441 ID  
 2 347 Drift @(1910-5017)  
 J-55 2 875 OD/ 6 50# T&C External Upset 2 441 ID  
 2 347 Drift @(5017-5081)  
 J-55 2 875 OD/ 6 50# T&C External Upset 2 441 ID  
 2 347 Drift @(5081-5086)  
 J-55 2 875 OD/ 6 50# T&C External Upset 2 441 ID  
 2 347 Drift @(5086-5149)  
 Tubing Anchor/Catcher-Mechanical (unknown size)  
 @(5149-5151)  
 130 - 0 750 (3/4 in.) WTF HD x 25 Rod @(2173-5423)  
 J-55 2 875 OD/ 6 50# T&C External Upset 2 441 ID  
 2 347 Drift @(5151-5689)  
 1 500 (1 1/2 in.) K x 25 Sinker Bar @(5423-5723)  
 0 875 (7/8 in.) WTF HD x 4 Rod Sub - Rod Guides-Molded  
 (3 per rod) @(5723-5727)  
 Rod Pump (Insert) (NON-SERIALIZED) - 25-200-R H BM  
 -24-5 (Bore = 2 00) @(5727)  
 Blast Joint 2 875 OD - Internal Plastic Ctg-TK-99  
 @(5689-5754)  
 Seat Nipple/Shoe - Unknown Size Mechanical Type @(5754)  
 J-55 2 875 OD/ 6 50# T&C External Upset 2 441 ID  
 2 347 Drift @(5755-5759)  
 Cavins Desander 2 7/8 x 20 @(5759-5778)  
 Bull Plug Mud Anchor 2 875 @(5778-5808)  
 Producing Interval @(5878-6179)  
 Perforations - Open - Brushy Canyon-Delaware  
 @(5878-6179)  
 Plug Back Total Depth @(6311-6311)  
 Cement Plug @(6311-6396)  
 Wellbore Hole OD- 7 8750 - N/A @(514-6400)  
 K-55 5 500 OD/ 15 50# Hydral 521 4 950 ID 4 825 Drift -  
 N/A @(12-6400)  
 Cement @(12-6400)  
 Bndge Plug @(6396-6400)

[Ground Elevation (MSL)] 3063.00 [Spud Date] 07/20/1993 [Compl. Date] 08/06/1993  
 [Well Depth Datum] Kelly Bushing [Elevation (MSL)] 3075.00 [Correction Factor] 12.00  
 [Last Updated by] omnv [Date] 08/02/2016  
 [null] null [null] null

**WELLBORE DIAGRAM  
LENTINI 1 FEDERAL #1  
PROPOSED**

Created: 05/25/17 By: LRQS  
 Updated: \_\_\_\_\_ By: \_\_\_\_\_  
 Lease: LENTINI 1 FEDERAL  
 Field: HERRADURA BEND; DELAWARE  
 Surf. Loc.: 530' FNL & 400' FWL  
 Bot. Loc.: \_\_\_\_\_  
 County: EDDY St.: NM  
 Status: \_\_\_\_\_

Well #: 1 St. Lse: \_\_\_\_\_  
 API: 30-015-27533  
 Unit Ltr.: \_\_\_\_\_ Section: 1  
 TSHR/Rng: T23S / R28E  
 Pool Code: \_\_\_\_\_ OGRID: \_\_\_\_\_  
 Directions: \_\_\_\_\_  
 Chevno: \_\_\_\_\_

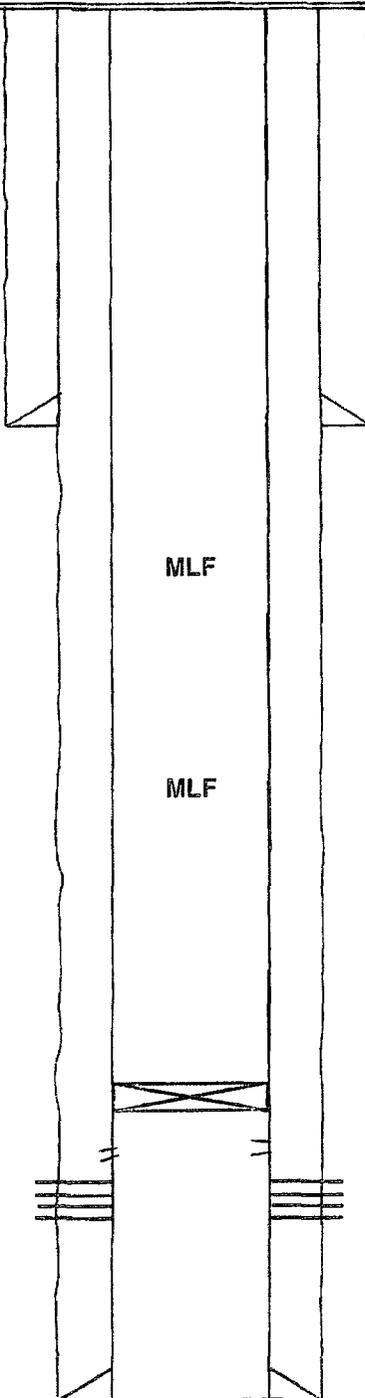
*Surface Casing*

Size: 8-5/8"  
 Wt., Grd.: 23#  
 Depth: 514'  
 Sxs Cmt: 575  
 Circulate: yes  
 TOC: surface  
 Hole Size: 12-1/4"

*ASLr 201  
 TOS 493  
 BOS 2511  
 Del 2743  
 BS 6271*

*Production Casing*

Size: 5-1/2"  
 Wt., Grd.: 15.5#  
 Depth: 6400'  
 Sxs Cmt: 1300  
 Circulate: yes  
 TOC: surface  
 Hole Size: 7-7/8"



Spot 65sx of Class "C" Cement from 564'-surface, Verify cement at surface. (Shoe/T.Salt/FW/Surface)

Spot 25sx of Class "C" Cement from 2561' 2361'. (B.Salt) *WOC + tag*

Set CIBP@5800' and spot 90sx of Class "C" on top to cover Perfs.

*58160 - 5898  
 5898 - 6028*

Perfs: 6021'-6128' (OA)

*6177 - 6179*

PBTD 6311'  
 TD 6400'

**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 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. 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 10<sup>th</sup> 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.