

# OCD-ARTESIA

Form 3160-5  
(August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

### 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

NM-18038 **91078**

6 If Indian, Allottee or Tribe Name

#### SUBMIT IN TRIPLICATE – Other instructions on page 2

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2 Name of Operator  
CHEVRON U.S.A. INC

8 Well Name and No  
LENTINI 1 FEDERAL #2

9 API Well No  
30-015-27534

3a Address  
15 SMITH ROAD  
MIDLAND, TEXAS 79705

3b Phone No. (include area code)  
432-687-7375

10 Field and Pool or Exploratory Area  
HERRADURA BEND; DELAWARE, EAST

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)  
330' FNL & 1650' FWL, SECTION 1, UL. C., T-23S, R-28E

11 Country or Parish, State  
EDDY COUNTY, NEW MEXICO

#### 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"/> Fracture Treat	<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 type="checkbox"/> Plug and Abandon	<input checked="" 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 )

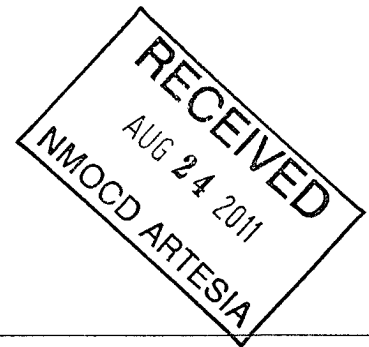
CHEVRON U.S.A. INC. INTENDS TO TEMPORARILY ABANDON THE SUBJECT WELL . WE ARE EVALUATING FUTURE UPHOLE POTENTIAL AND WOULD LIKE TO ASK FOR A 1 YEAR TA STATUS.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE, AND THE CURRENT & PROPOSED WELLBORE DIAGRAMS.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

Accepted for record

NMOCD **PC**  
9/13/11



well prod 5/11 142 BBL oil 182 ACF 7695 BBLH2O

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed)  
DENISE PINKERTON

Title REGULATORY SPECIALIST

Signature

*Denise Pinkerton*

Date 08/09/2011

#### THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

*J. D. Whitlock*

Title

**CPET**

Date

**8/20/11**

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

**CPD**

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)

*100*

July 27, 2011

Lentini 1 Federal #2

East Herradura Bend Field

Section 1 - T23S, R28E, 660' FNL 660' FEL

Job: Temporarily plug and abandon (T&A)

Procedure:

1. *This procedure is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland office well files and computer databases as of July 27, 2011. Verify what is in the hole with the well file in the Eunice field office. Discuss with WEO Engineer, Workover Rep, OS, ALCR, and FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.*
2. MI & RU pulling unit. Bleed pressure from well, if any. Pump down casing with 8.6 PPG cut brine water, if necessary to kill well. ND wellhead. NU BOP's and annular BOP's and test as necessary. POOH with 2 7/8" production tubing. Stand back 2 7/8" L-80 6.5# 8RD EUE production tbg.
3. PU and RIH 2-7/8" production tubing with 5-1/2" x 2-7/8" injection pkr with pump-out plug and on-off tool with 1.78 "F" profile. Set pkr at approximately 5200' (20' above top of perfs). Release on-off tool. Circulate well clean from 5200' using corrosion-inhibited packer fluid. Pressure test backside with 550 psi for 30 minutes. If pressure holds, LD tbg that was not run in hole and send to 1788 yard.
4. ND BOP's. NU wellhead. RD & MO pulling unit. Perform MIT with an NMOCD representative on-site. Give NMOCD 48 hours notice before performing MIT. Pressure test as per MIT requirements. Turn in any charts and documentation to Denise Pinkerton (JLBM@chevron.com)

SEE  
COAS

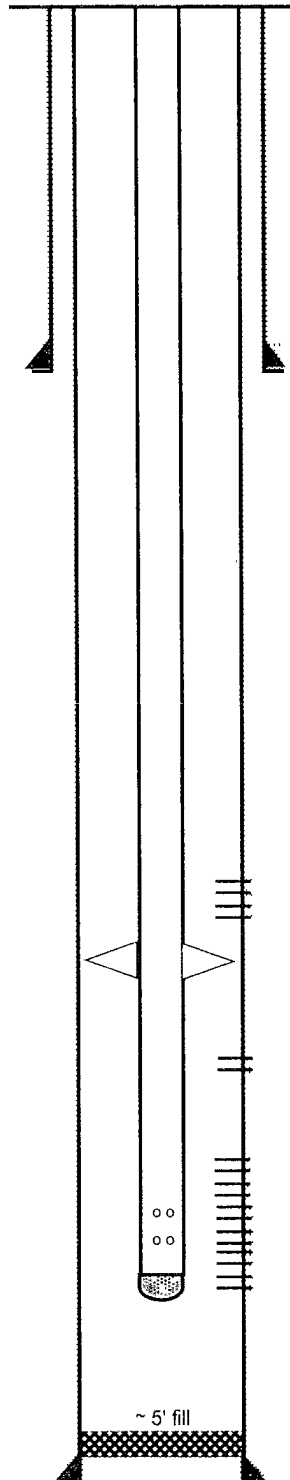
SEE  
COAS

Well: **Lentini 1 Federal # 2**Field: **East Herradura Bend**Reservoir: **Delaware****Location:**

240  
660' FNL & 660' FEL 1100' W  
Section 1  
Township 23S  
Range 28E Unit C  
County: Eddy State NM

**Elevations:**

GL 3081 5'  
KB  
DF

**Wellbore Diagram****Well ID Info:**

Chevno OV7885  
API No 30-015-27534  
Spud Date 8/3/1993  
Compl Date 9/21/1993

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, WO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

**Tubing Detail:**

#Jts:	Size:	Footage
	KB Correction	0 00
1	Jt 2 7/8" EnduraAlloy Tbg	31 10
174	Jts 2 7/8" 6 5# J-55 Tbg	5472 83
	TAC @ 5504'	2 70
20	Jts 2 7/8" 6 5# J-55 Tbg	622 40
2	Jts 2 7/8" EnduraAlloy Tbg	62 49
	SN @ 6192'	1 10
1	Jt 2 7/8" x 4' Tbg Sub	4 00
	Cavins Desander @ 6197'	20 20
1	Jt 2 7/8" 6 5# J-55 Tbg	31 70
	Dump Valve for Desander	0 80
199	Bottom Of String >>	6249.32

**Rod Detail:**

#Rods:	Size:	Footage
1	1 5 X 26' Polished Rod	26 00
1	7/8" x 2' N-97 Rod Sub	2 00
100	7/8" X 25' N-97 Rods	2500 00
134	3/4" X 25' N-97 Rods	3350 00
12	1 5" X 25' C Sinker Bars	300 00
1	7/8" X 4' N-97 Sub with Guides	4'00
	25-150-RHBC-30-5 Rod Pump	30 00
	1 25" X 0 5' Strainer Nipple	0 50
249	Total Length >>	6212 50

COTD: 6320'

PBSD: 6325'

TD: 6400'

Updated: 6/9/2011

Surface Csg: 8 5/8" 23#

Set: @ 517' w/ 600 sx cmt

Hole Size: 12 1/4"

Circ: Yes TOC: Surface

TOC By: Circulation

**Perfs:**

5220 - 5235'	30 holes	Delawa
5358 - 5366'	16 holes	Delawa
5633 - 5644'		Delawa
5887 - 5891'		Delawa
5896 - 5905'		Delawa
5905 - 5911'	13 holes	Delawa
5943 - 5958'		Delawa
5958 - 5968'	20 holes	Delawa
5978 - 6003'		Delawa
6047 - 6052'		Delawa
6062 - 6080'		Delawa
6080 - 6096'	33 holes	Delawa
6134 - 6148'		Delawa
6180 - 6194'	15 holes	Delawa
6194 - 6203'		Delawa

Production Csg: 5-1/2" 15 5#

Set: @ 6400' w/ 1350 sx cmt

Hole Size: 7-7/8"

Circ: Yes TOC: Surface

TOC By: Circulation

By: Bob Hall

Well: **Lentini 1 Federal # 2**Field: **East Herradura Bend**Reservoir: **Delaware**

**Location:**  
 310  
 660' FNL & 660' FEE 1150 W  
 Section. 1  
 Township: 23S  
 Range 28E Unit C  
 County Eddy State NM

**Elevations:**

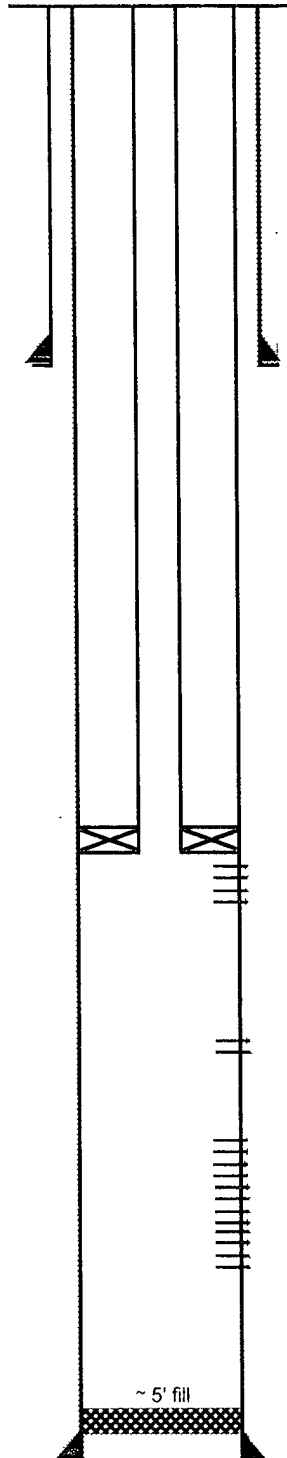
GL 3081 5'  
 KB  
 DF

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, W0 Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

**Tubing Detail - Proposed:**

#Jts:	Size:	Footage
	KB Correction	0.00
<b>approx.</b>		
165	Jts 2 7/8" 6.5# J-55 Tbg	5189.00
	On/Off Tool	1.50
	Packer	7.50
<b>165</b>	<b>Bottom Of String &gt;&gt;</b>	<b>5198.00</b>

### Wellbore Diagram Proposed

**Well ID Info:**

Chevno. OV7885

API No 30-015-27534

Spud Date 8/3/1993

Compl. Date 9/21/1993

**Surface Csg:** 8 5/8" 23#**Set:** @ 517' w/ 600 sx cmt**Hole Size:** 12 1/4"**Circ:** Yes **TOC:** Surface**TOC By:** Circulation**Perfs:**

5220 - 5235'	30 holes	Delawa
5358 - 5366'	16 holes	Delawa
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6047 - 6052'		Delawa
6062 - 6080'		Delawa
6080 - 6096'	33 holes	Delawa
6134 - 6148'		Delawa
6180 - 6194'	15 holes	Delawa
6194 - 6203'		Delawa

**Status:**

COTD: 6320'

PBTD: 6325'

TD: 6400'

Updated: 7/27/2011

**Production Csg:** 5-1/2" 15 5#**Set:** @ 6400' w/ 1350 sx cmt**Hole Size:** 7-7/8"**Circ:** Yes **TOC:** Surface**TOC By:** Circulation

By: Bob Hall

**BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972**

**Temporary Abandonment of Wells on Federal Lands  
Conditions of Approval**

A temporarily abandoned well is defined as a completion that is not capable of production in paying quantities but which may have value as a service well. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

Temporary Abandonment (TA) status approval requires a successful mechanical or casing integrity test as follows:

1. A Notice of Intent (NOI)-Sundry Notice (Form 3160-5) requesting approval to run a mechanical integrity test (MIT) or casing integrity test (CIT).
2. A description of the temporary abandonment procedure.
  - a. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. If a cement plug is used, the top of the cement must be verified by tagging.
  - b. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes. Any leak-off will be evaluated.
  - c. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
  - d. A bradenhead test must be conducted. If the test indicates a problem exists, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
  - e. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-393-3612.
3. **Provides justification why the well should be temporarily abandoned rather than permanently plugged and abandoned and an estimated date that the well will be returned to beneficial use or plugged and abandoned.**

Wells that successfully pass the casing integrity test may be approved for Temporary Abandonment (TA) status provided that the operator:

1. **Submits a subsequent Sundry Notice** (Form 3160-5) requesting TA approval **with well bore diagram** with all perforations and CIBP's and tops of cement on CIBP's.
2. Describes the temporary abandonment procedure.
3. Attaches a clear copy or the original of the pressure test chart.
4. Give justification to allow well to be place in TA status and plan for future use of well with time frame that well will be place back on line or plans to P&A well will be submitted.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.
2. A procedure to plug and abandon the well.

**Lentini 1 Federal #2**

1. Well may be approved to be TA/SI for a period of 120 days or until 12/20/2011 after successful MIT and subsequent report with well bore diagram is submitted.
2. This will be the only TA approval for this well.
3. Well must be returned to production, beneficial use or plans to P&A must be submitted by December 20, 2011.
4. Notify BLM to witness setting of CIBP or cement plug across perfs.