

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.
NMNM0542015

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

8. Well Name and No.
S CULEBRA BLUFF 1

9. API Well No.
30-015-26347-00-S1

10. Field and Pool or Exploratory Area
E LOVING

11. County or Parish, State
EDDY COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
CHEVRON USA INCORPORATED
Contact: NICK GLANN
E-Mail: nglann@chevron.com

3a. Address
6301 DEAUVILLE BLVD
MIDLAND, TX 79706

3b. Phone No. (include area code)
Ph: 601-599-5002

BLM CONSERVATION
ARTESIA DISTRICT

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 14 T23S R28E NENE

FEB 14 2019

RECEIVED

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 recomplete 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.

Provide 24 hour notice to BLM prior to MIRU, in accordance with the COA

- MIRU, test tubing 1/ 1000 psi for 5 minutes, pull rods, N/U BOP, pull tubing
- Set CIBP @ 5900', spot 25 sx CL C cmt f/ 5900' 1/ 5673' (BC Perfs), WOC, & tag
- Set CIBP @ 4700', circulate 9.5 ppg MLF, pressure test casing 1/ 1000 psi for 10 minutes, spot 24' sx CL C cmt f/ 4700' 1/ 4473' (Pardue Perfs), WOC & tag if pressure test failed
- Spot 25 sx CL C cmt f/ 3561' 1/ 3334' (DV Tool) WOC Tag.
- Spot 45 sx CL C cmt f/ 2665' 1/ 2295' (Delaware, B. Salt)
- Spot 70 sx CL C cmt f/ 612' 1/ surface (Shoe, T. Salt, Fresh Water)
- Verify cement to surface and turn over to surface group for site reclamation

GC 2/21/19
Accepted for record NMOCD

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Electronic Submission #454121 verified by the BLM Well Information System
For CHEVRON USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH MCKINNEY on 02/12/2019 (19DLM0314SE)

Name (Printed/Typed) NICK GLANN

Title WELL ABANDONMENT ENGINEER

Signature (Electronic Submission)

Date 02/11/2019

ENTERED
2-22-19

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By *James R. [Signature]*

Title SDET

Date 2-13-19

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 CPO

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 **



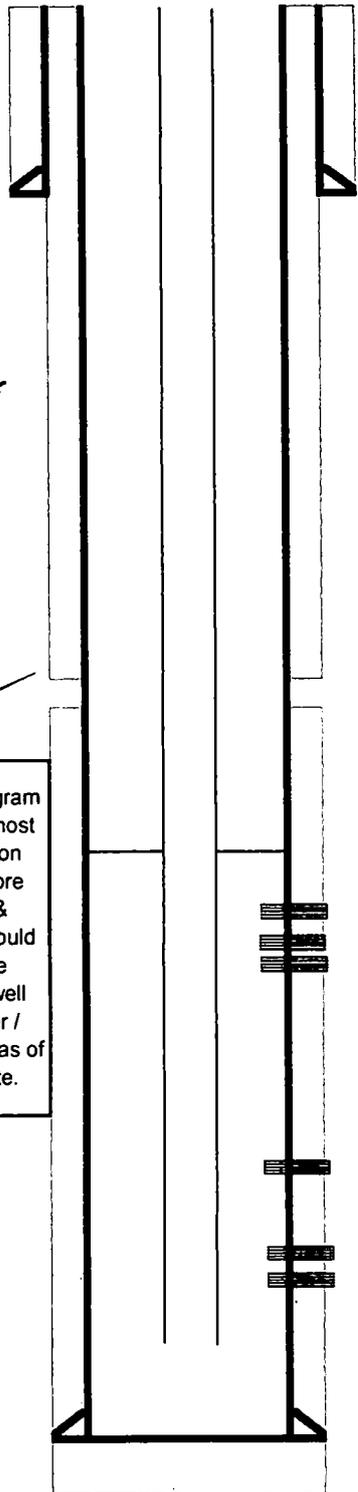
SCB 14-1
Loving East - 30-015-26347
Eddy County, New Mexico
CURRENT WELLBORE DIAGRAM

KB: 2986'
 GL: 2971'
 12 1/4" hole
 Circ.

7 7/8" hole
 Circ.

DV tool @ 3511'

This wellbore diagram is based on the most recent information regarding wellbore configuration & equipment that could be found in the Midland Office well files & computer / online databases as of the latest update.



		CASING PROGRAM				
Depth	Size	Weight	Grade	I.D.	Collapse	Burst
✓ 562'	8 5/8"	24#	J-55	8.097	1,370	2,950
✓ 6300'	5 1/2"	15.5#, 17#				

Cement

Surface: 350 sx Class C, TOC @ Surf
 Production: 1st stage w/ 500 sx 50/50 poz C + 200 sx Class C. 2nd Stage w/ 760sx 35/65 Poz C + 100 sx class C. TOC @ Surf

Tubing Detail	Length (ft)	Depth (ft)
KB	9.00'	
148 jts 2-7/8" tbg	4597.17'	4606.17'
5-1/2" x 2-7/8" TAC	3.85'	4609.85'
49 jts 2-7/8" tbg	1565.23'	6175.08'
2-7/8" seating nipple	1.10'	6176.18'

Rod Detail

1-1/2" x 22' sprayed metal polish rod
 7/8" sucker rod sub
 7/8" sucker rods w/molded rod guides and snowballs
 3/4" sucker rods
 2-1/2" x 1-3/4" x 20' RHAC w/right hand release
 1-1/4" x 12" GAC

TAC @4610'
 Pardue Perforations:
 4750' - 4753'
 4772' - 4784'
 4794' - 4816'

Brushy Canyon "A"
 5933' - 5943' - 60 holes

Brushy Canyon "C"
 6106' - 6011'
 6130' - 6132'

6068-6231
 507
 6068-69

EOT@6176'

PBTD = 6281'

FORMATION	TOP
Salt	590
Bellevue	261
Banc Springs	6209

History - Highlights

7/90 - Well Spudded

8/90 - Frac'd 6106' - 6142' w/ 36000# 16/30 sand. ISIP=1150#

4/92 - ReFrac'd 6106' - 6142' w/ 65000# 16/30 sand. ISIP=900#

4/03 - Frac'd 4750' - 4816' w/ 79420# 16/30 + 33080# CR4000/ ISIP=980#

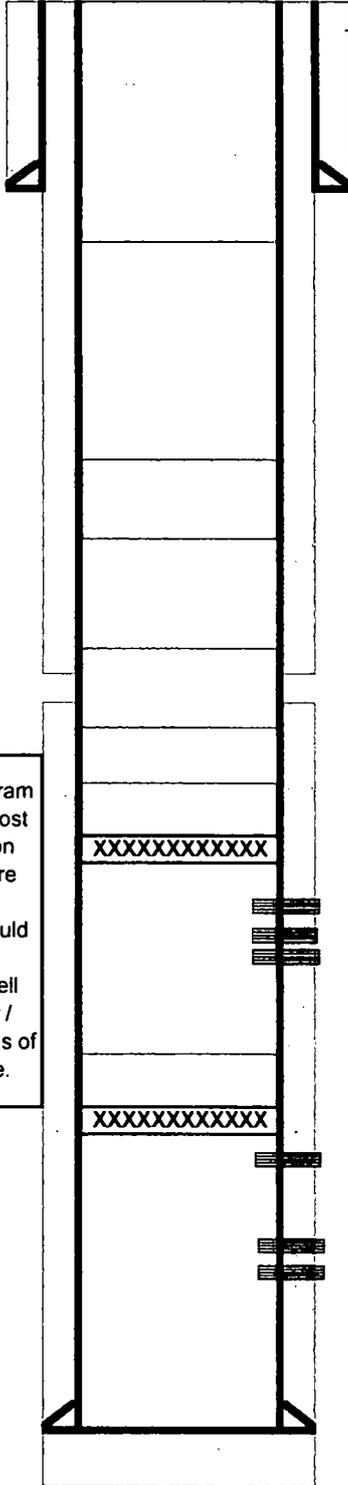
12/06 - Frac'd 5933' - 5943' w/ 43750# 4070 + 15000# 20/40 + 14250# RC. ISIP=279#

Note: This schematic is not to scale. For display purposes only.



SCB 14-1
Loving East - 30-015-26347
Eddy County, New Mexico
PROPOSED WELLBORE DIAGRAM

KB: 2986'
 GL: 2971'



CASING PROGRAM

Depth	Size	Weight	Grade	I.D.	Collapse	Burst
562'	8 5/8"	24#	J-55	8.097	1,370	2,950
6300'	5 1/2"	15.5#, 17#				

Cement

Surface: 350 sx Class C, TOC @ Surf
 Production: 1st stage w/ 500 sx 50/50 poz C + 200 sx Class C. 2nd Stage w/ 760sx 35/65 Poz C + 100 sx class C. TOC @ Surf

Spot 70 sx CL C cmt f/ 612' t/ surface (Shoe, T. Salt, Fresh Water)

T Salt 555'
 B Salt 2395'
 Delaware 2615'
 B. Spring 6217'

Spot 45 sx CL C cmt f/ 2665' t/ 2295' (Delaware, B. Salt)

DV tool @ 3511'

Spot 25 sx CL C cmt f/ 3561' t/ 3334' (DV Tool)

This wellbore diagram is based on the most recent information regarding wellbore configuration & equipment that could be found in the Midland Office well files & computer / online databases as of the latest update.

Spot 25 sx CL C cmt f/ 4700' t/ 4473' (Pardue Perfs). WOC & tag if pressure test failed
 Set CIBP @ 4700', circulate 9.5 ppg MLF, pressure test casing t/ 1000 psi/10 min

Pardue Perforations:
 4750' - 4753'
 4772' - 4784'
 4794' - 4816'

Spot 25 sx CL C cmt f/ 5900' t/ 5673' (BC Perfs). WOC & tag
 Set CIBP @ 5900'

Brushy Canyon "A"
 5933' - 5943' - 60 holes

Brushy Canyon "C"
 6106' - 6011'
 6130' - 6132'

EOT@6176'

PBTD = 6281'

Note: This schematic is not to scale. For display purposes only.

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 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. 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 10th 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.