

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

RECEIVED

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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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No NM-0175774 103234	
2. Name of Operator Cimarex Energy Co. of Colorado		6. If Indian, Allottee or Tribe Name	
3a. Address 600 N. Marienfeld St., Ste. 600; Midland, TX 79707	3b. Phone No. (include area code) 432-571-7800	7. If Unit or CA/Agreement, Name and/or No. Lusk West Delaware Unit	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2310 FSL & 330 FWL 21-19S-32E		8. Well Name and No. Lusk West Delaware Unit No. 112	
		9. API Well No 30-025-30694	
		10. Field and Pool, or Exploratory Area Lusk; Delaware, West	
		11. County or Parish, State Lea County, NM	

12. CHECK 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 checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other TA and RC to
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	Cherry Canyon
	<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, included 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)
Well is currently shut in with Brushy Canyon perfs @ 6478-6485.' Cimarex proposes to TA well for Cherry Canyon recompleat at 4718' -5006' pending test results from LWDU # 15 Cherry Canyon test. If not viable sundry to PA will be submitted.

- TOH w/ rods and pump. Kill tbq and csg w/ 2% KCl water. NDWH & NUBOP and check casing for clearance. TOH w/ tbq.
- Set CIBP @ 6440.' Load hole w/ 2% inhibited KCl water and test plug to 500 psi for 30 minutes.
- RIH w/ tbq open-ended. ND BOP and NUWH.
- Pending LWDU 15 test perforate Cherry Canyon using 3 1/8" casing guns from 4718'-5006'
- RIH with packer and RBP. Acidize in 3 stages using 2500 gal 10% NEFE acid. Move RBP below all new perfs.
- Swab test to determine oil cut and fluid entry. If test successful fracture stimulation and rod pump installation under separate AFE.

If not productive NOI to PA will be submitted.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

After successful MIT request 6 month TA to test and evaluate LWDU # 15 and obtain partner approval and schedule PA rig if a no go.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Natalie Krueger		Title Regulatory
Signature 		Date December 22, 2009
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by	PETROLEUM ENGINEER 	APPROVED JAN 6 2010 Is/ Chris Walls BUREAU OF LAND MANAGEMENT
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.		
Title 18 U.S.C. Section 1001, makes 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 reverse)		

LWDU 112
TEMPORARILY ABANDON

API # 30-025-30694
2310' FSL & 330' FWL
Section 21, 19S, R-32E
Lea County, New Mexico

GL : 3589'
KB : 3601'
TD / PBTD: 7240' / 7150'
SURF CSG : 13-3/8" OD 54#/FT H-40 AT 455' W/ 475 SX. TOC 0' (CIRC)
INTER CSG: 8-5/8" OD 24/32#/FT J-55 AT 4256' W/ DV TOOL @ 2818' W/ 1090 SX. TOC 150' (TS)
PROD CSG : 5-1/2" OD 15.5# J-55 @ 7240' W/ 1000 SX. TOC ?
TUBING: 2-7/8"
PERFS: DELAWARE – BRUSHY CANYON 6478'-6485'

1. PRIOR TO RIG-UP, SUBMIT INTENT TO TA DELAWARE TO BLM AND COPY NMOCD. WE MUST HAVE BLM APPROVAL BEFORE WE CAN DO THE WORK. ORDER 16 JTS (~550') OF 2-7/8" RENTAL TUBING SO THAT TUBING CAN BE LOWERED TO PERFS IN STEP 2.
2. CONTACT BLM PRIOR TO RIG UP. MIRU PU. TOH W/ RODS AND PUMP, LAYING DOWN. KILL TUBING AND CASING WITH 2% KCL WATER IF NECESSARY. ND TREE AND NU BOP. LOWER TUBING TO MAKE SURE CASING CLEAR TO PERFS. TOH WITH TUBING.
3. MIRU WIRELINE. RIH WITH 4.5" GR/JB TO PBTD. POH. RIH WITH CIBP AND SET AT +/- 6440' (WITHIN 50' OF PERFS). LOAD HOLE WITH 2% INHIBITED KCL WATER AND TEST PLUG TO 500 PSI FOR 30 MINUTES (OBTAIN CHART).
4. RIH W/ TUBING OPENENDED. ND BOPS AND NU WELLHEAD. RDMO PU.

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. The bridge plug is to be cased with 35 feet of cement (if bailed) or 25 sacks (if placed with tubing). 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 with a 10% allowable leakoff.
 - 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.
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 placed in TA status and plan for future use of well with time frame that well will be placed 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.

Well Name: Lusk West Delaware Unit 112. Submit Subsequent Report and well bore diagram with all Perforations and CIBP with tops of cement. Well may be approved to be TA for a period of 6 months after successful MIT and subsequent report is submitted.