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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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

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. LC-063586
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	7. If Unit or CA/Agreement, Name and/or No. Lusk West Delaware Unit
3b. Phone No. (include area code) 432-571-7800	8. Well Name and No. Lusk West Delaware Unit No. 908
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980 FNL & 660 FEL 29-19S-32E	9. API Well No. 30-025-00925
	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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change RC plans:</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>sqz possible casing leak, RC</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>to Brushy Canyon only</u>

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.)

Cimarex has changed plans for the proposed recompleat of this well. We will test for casing leak and recompleat to Brushy Canyon only, instead of Brushy and Cherry Canyon (as proposed in 3160-5 SR TA, NOI RC approved 10-07-10). Please see procedure below and attached.

- NDWH, NUBOP. Swab to test for inflow from previous casing leak.
 - If inflow is observed, set pkr above previously leaking casing (4617-4677). Swab. If no inflow, move up to test remaining casing.
 - If leaking, set pkr above previously leaking casing (4617-4677). Swab. If no inflow, move up to test remaining casing. Set CICR above leak and squeeze based on depth and leak size. Sting out and POOH. Drill out CICR to previous PBTD @ 6850.
 - Set CICR above flood perfs (6448-6458) and establish injection rate. Squeeze open Delaware perfs w/ 100 sx Class C. Sting out and reverse cement. Drill to previous PBTD @ 6850.
 - If not leaking, just drill out CICR @ 6414 and CO to PBTD @ 6850.
- Run CBL.
- Perf Lower Delaware 6712-6735 3 spf, 69 holes. Set pkr @ 6650 and acidize w/ 2000 gal 7½% NeFe and ball diverters. Frac if warranted.
- RIH w/ production tbg and TAC. RIH w/ pump & rods.

See COA
Please note: well name to change to "Southern California No. 1" if RC is successful.

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

Natalie Krueger

Signature

Title

Regulatory Analyst

Date

December 23, 2010

APPROVED

JAN 14 2011

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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)

RECOMPLETION PROCEDURE

Southern California 1

(Formerly LWDU 908)

Lusk West Delaware Field

API # 30-025-00925

1980 FNL & 660' FEL

Sec 29, T-19S, R-32E

Lea County, New Mexico

GL: 3561

KB: 3577

TD: 12,833

PBTD: 6850'

13³/₈", 55# @ 844' W/ 950 SX CMT. TOC @ SURFACE

9⁵/₈", 40# @ 3947' W/ 3125 SX CMT. DV TOOL @ 2652' TOC @ SURFACE

5¹/₂", 17# P110/N80 @ 12833' W/ 580 SX CMT. TOC @ 10380' BY TEMP SURVEY PRIMARY
CASING LEAK 4631-46' (JAN1987) SQZD W/ 375 SXS, CIRC @ 5BPM (SEE REPORT)

CASING SQZ HOLES 6970' (SEPT 1989) SQZD W/ 975 SXS, CIRC REPORTED

2 7/8" J55 TUBING SN AND 193 JOINTS

RODS AND PUMP IN WELL, SEE LANDING DETAIL ON WELL BORE DIAGRAM

PERFS: 6448-6458' DELAWARE - CURRENTLY SHUT IN.

CICR @ 6414' (ATTEMPTED TO SQUEEZE FLOOD SAND BUT STINGER PLUGGED)

1. MIRU. NDWH-NU BOP. ATTEMPT TO SWAB WELL IN TO TEST FOR INFLOW FROM PREVIOUS CASING LEAK. IF THERE IS INFLOW, CONTINUE WITH STEP 2 TO FIND THE LEAK AND SQUEEZE, IF THERE ISN'T ANY, THEN PROCEED TO DRILL CICR.
2. POOH W/ TUBING. ACQUIRE ADDITIONAL USED 2-7/8" TUBING FROM YARD IF POSSIBLE (ENOUGH TO REACH PBTD).
- * 3. MU PACKER ON TUBING, RIH AND SET PACKER ABOVE PREVIOUSLY LEAKING CASING (4615-77'). SET PACKER AND SWAB WELL TO TEST FOR CASING LEAK (PREVIOUS MIT SHOWED 12% LEAK-OFF, MAYBE FROM THIS ZONE). IF THERE'S NO INFLOW, MOVE UP HOLE AND TEST REMAINING CASING.
- * 4. IF CASING IS LEAKING, CONTACT OFFICE AND PROCEED WITH SQUEEZE. MU CICR AND SET ABOVE LEAK. RU CEMENT AND SQUEEZE BASED ON DEPTH AND LEAK SIZE. STING OUT AND POOH. (IF NOT LEAKING, PROCEED TO DRILL OUT CICR AT 6414')
5. MU 4-3/4" BIT AND COLLARS, RIH AND DRILL CICR/CEMENT AND CICR AT 6414' TO PREVIOUS PBTD 6850'. POOH, STANDING TUBING/COLLARS.
6. TIH WITH CICR ON TUBING, SET CICR ABOVE FLOOD PERFS (6448-6458') AND ESTABLISH INJECTION RATE. CIRCULATE BACKSIDE AND STING BACK IN. TEST BACKSIDE. SQUEEZE OPEN DELAWARE PERFS WITH 100 SXS OF CLASS C. STING OUT AND REVERSE CIRC CEMENT. POOH.
7. MU 4-3/4" BIT AND COLLARS, RIH AND DRILL CICR/CEMENT TO PREVIOUS PBTD 6850'. TEST HOLE. POOH AND LD COLLARS/BIT.
8. RU WIRELINE RIW AND LOG FROM 6850' TO 6500' WITH CBL/CCL LOG UNDER PACKOFF. NOTE TOC BEFORE PROCEEDING. POOH. CONTACT OFFICE IF CEMENT IS NOT GOOD ACROSS TARGET ZONE.

See
COA

9. RIH W/ 3 3/8" PERF GUNS/CCL. PERFORATE LOWER DELAWARE **6712-6735'** USING 3-3/8" CASING GUNS 3-SPF. POOH W/ CCL/3 3/8" PERF GUNS. RD WL.
 - ALL DEPTHS CORRELATED TO ZONE ON SCHLUMBERGER SONIC/GAMMARAY (7-7-1962)
10. RU ACID CREW. RIH W/ PACKER/MCL (W/ DOWNHOLE SHUT-OFF VALVE). SET PACKER @ 6650'. ACIDIZE WITH 2000 GAL 7½% NEFE ACID AND BALL DIVERTERS.
11. ATTEMPT TO SWAB WELL DOWN AND ESTABLISH OIL CUT AND INFLOW. UNLATCH PKR, POOH.
12. DISCUSS RESULTS WITH MIDLAND AND IF NEEDED START WORK ON BATTERY. RIW W/ PRODUCTION TUBING AND TAC.
13. RIH W/ PUMP AND RODS. SPACE OUT RODS. RDMOPU.
14. CONTACT MIDLAND OFFICE ABOUT SCHEDULING A FRAC BASED ON POTENTIAL.

Conditions of Approval
Lusk West Delaware Unit # 908
30-015-00925
Cimarex Energy Co. of Colorado
January 14, 2011

1. Surface disturbance beyond the existing pad must have prior approval.
2. Closed loop system required.
3. 2000 (2M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
4. Operator to have H2S monitoring equipment on location as H2S has been reported from wells in the area.
5. On step 3 of procedure, If there's NO inflow from swab test for casing leak, Operator to pressure test casing to 500 PSIG and hold for 30 Minutes. If no casing leaks have been indentified, then move up hole and continue testing casing using the same procedure. Notify BLM of test results.
6. If casing leak Submit Sundry Notice of Intent for approval of casing squeeze job. An MIT will be required after casing repair, and the BLM is to be contacted at 575-393-3612 to witness casing test.
7. Note: By 02/25/2011 the casing repair work to be completed and the BLM notified.
8. Completion Report and Subsequent sundry with well test and wellbore schematic required after Lower Delaware is place on production. Name Change shall be submitted at this time with Subsequent sundry
9. If non-productive follow plugging procedure submitted on 11/29/2010 by David A. Eyler and approved by BLM with COAs on 12/14/2010.

NOTE:

Timing Limitation Stipulation / Condition of Approval for lesser prairie-chicken:

Oil and gas activities including 3-D geophysical exploration, and drilling will not be allowed in lesser prairie-chicken habitat during the period from March 1st through June 15th annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, pipeline, road, and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 feet from the source of the noise.

EGF 011411