

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 01 2010

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

OCD-HOBBS
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
☒ Oil Well ☐ Gas Well ☐ Other ✓
2 Name of Operator
Cimarex Energy Co. of Colorado
3a Address
600 N. Marienfeld St., Ste. 600; Midland, TX 79707
3b. Phone No. (include area code)
432-571-7800
4 Location of Well (Footage, Sec., T., R., M., or Survey Description)
2210 FNL & 2260 FWL
29-19S-32E ✓

5 Lease Serial No.
LC-063586
6 If Indian, Allottee or Tribe Name
7 If Unit or CA/Agreement, Name and/or No
Lusk West Delaware Unit
8. Well Name and No.
Lusk West Delaware Unit No. 906 ✓
9. API Well No
30-025-30328 ✓
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 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 checked="" 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>squeeze job</u>
	<input type="checkbox"/> Change Plans	<input 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, 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.)

07.01.00 Pulled lift equipment. Ran Tbg & Tagged fill AT 4979'. Re-ran lift equipment.

08.01.00 Set CICR @ 4596' and squeezed perms at 4684-4973 with 200 sx Class C. Drilled out and squeezed and tested to 300#. Drilled out and pushed CIBP at 5047' to 6561'. Ran packer and tubing. Spotted scale converter and acidized with 1500 gal Petrol 10 acid. Pulled packer and tubing. Re-ran lift equipment and returned to production. See attached well history.

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

Zeno Farris

Signature

Zeno Farris

Title

Manager Operations Administration

Date

September 17, 2010

THIS SPACE FOR FEDERAL OR STATE OFFICIAL USE

Approved by

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)

ACCEPTED FOR RECORD

PETROLEUM ENGINEERING

Date

OCT 05 2010

SEP 30 2010

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

WORKOVER HISTORY
LWDU #906
(Southern California Federal #7)
Lusk West Delaware Field
API # 30-025-30328

KB Elev. - 3573' Gr + 17'

2210' FNL & 2260' FWL, Unit "F", Sec 29, T-19-S, R-32-E, Lea County, New Mexico

13³/₈", 54.5# @ 903' w/ 722 sx cmt. TOC @ Surface

8⁵/₈", 24 & 32# @ 4,500' w/ 2450 sx cmt. DV TOOL @ 2801' TOC @ Surface.

5¹/₂", 15.5# @ 7,204' w/ 600 sx cmt. TOC @ 4000' by CBL

TD - 7204', DOD - 7158', PBD - 6561'

Perfs: (05/88) 6,683 - 6700', 6,731' - 45' (1 JSPF) **CIBP @ 6561'**

(05/88) 6,429 - 42' (2 JSPF)

(10/95) 4,684', 92', 98', 4712', 16', 38', 40', 55', 60', 68', 94', 96', 4817', 22', 35', 39', 43',
57', 66', 71', 4901', 09', 13', 54', 66', 73' (1 JSPF) **Sqz'd w/ 200 sx**

05/88 Drilled to 6395' & cored fr/ 6395' - 6460' **6689-6700'**. Drilled & set 5¹/₂" csg @ 7204'. Ran CBL log. Perf'd 6,731' 45' OAL. Ran pkr & tbg. Acidized w/ 1100 gal 15% w/ 18 BS. Tested all wtr. Perf'd 6683' - 6700'. Set RBP @ 6720'. Acidized w. 1500 gal 15% w/ 20 BS. Frac'd w/ 19,000 gal YF130 gelled wtr + 45,300# 12/20 sand. Installed lift equipment. Tested 44 BO / 176 BW / 61 MCFPD. Pulled lift equipment and ran 72 HR SIBHP BU. Pulled RBP & set CIBP @ 6620'. Perf'd 6429' - 42'. Acidized w/ 2000 gal 15%. Frac'd w/ 19,000 gal YF130 gelled wtr + 49,000# 12/20 sand. Re-ran lift equipment. IPP 185 BO / 88 BW / 115 MCFPD. **Confirm dates of completion of different zones above**

10/88 Pulled lift equipment. Treated sulfate scale w/ 750 gal Petro-Sol X-25. Swabbed back load. Acidized w/ 1500 gal 7.5%. Re-ran lift equipment.

10/89 Pulled lift equipment. Drilled out CIBP @ 6620' & chased to 6909'. Re-ran lift equipment.

03/90 Tested 11 BO / 77 BW from both zones.

10/90 Pulled lift equipment. **Set RBP @ 6550'** to isolate lower perfs. Re-ran lift equipment. Tested 8 BO / 44 BW.

MULTIPLE PUMP CHANGES WITH DIFFERENT LANDING DETAIL AND ROD DESIGN, BUT NO RECORD OF PULLING THE ABOVE RBP.

10/95 Pulled lift equipment. Set CIBP @ 5989'. Perf'd sqz holes @ 5030', 40' & 50'. Pmp'd into holes @ 1.5 BPM / 220#. Set CIBP @ 5008'. Could not pump through retainer. Ran sandline drill & knocked CIBP to 5250'. Ran pkr & attempted to pmp into perfs. Spotted 20 sx cmt across holes & sqz'd to 1500#. Perf'd 4901' - 4973' OAL. Set CIBP @ 5047' w/ 2 sx cmt. Acidized perfs w/ 1000 gal 15% + 12 BS. Set RBP @ 4895'. Perf'd 4794' - 4871'. Acidized perfs w/ 1000 gal 15% w/ 20 BS. Swab tested 5% oil cut. Set RBP @ 4785'. Perf'd 4684' - 4768' OAL. Acidized w/ 1000 gal 15% + 20 BS. Pulled RBP @ 4785'. Frac'd 4684' - 4871' w/ 23,234 gal Borate X-linked gel wtr + 68,530# 20/40 sand + 12,360# 20/40 resin coated sand. Pulled RBP @ 4895' & re-ran lift equipment. Upper Delaware tested 42 BO / 125 BW / 10 MCFPD.

07/00 Pulled lift equipment. Ran tbg & tagged fill @ 4979'. Re-ran lift equipment.

08/00 Pulled lift equipment. Set CIBP @ 4596' & sqz'd w/ 200 sx "C". Drilled out sqz & tested to 300#. Drilled out CIBP to 6561'. Ran pkr & tbg. Spotted scale converter, & acidized w/ 1500 gal Petrol 10 acid. Pulled pkr & tbg. Re-ran lift equipment.