

RECEIVED

MAR 18 2011
HOBBSDUNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996SUNDRY 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	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) 2210 FNL & 2260 FWL 29-19S-32E		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 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 RC to Cherry Canyon
	<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.)

11.09.10 POH w/ rods and pump. NDWH, NUBOP, TOH w/ tbg. Rented WS to work on well.
11.10.10 Tagged up @ top of CIBP/RBP @ 6480 and pushed debris to 6555.
11.11.10 TIH w/ impression block to 6557. Impression showed damaged/parted casing.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Uneconomical to repair casing to proceed with Brushy Canyon recompleat. Instead, Cimarex proposes to plug back and recompleat to Cherry Canyon as shown below and on attached procedure and WBD.

- Spot cmt plug from 6442-6551 (M. Delaware perfs). WOC 8 hrs. SET CIBP @ 6429 (w/in 50' of top perf or TOC). Dump 35' cmt on top.
- Reperf squeezed Cherry Canyon 4684-4975 2 spf. Set RBP @ 6760, pkr @ 6650 and swab. Acidize if needed w/ 1000 gal 7½% NeFe acid.
- Latch RBP and PU to 5025. Set pkr @ 4600 and swab. Acidize if needed w/ 1500 gal 7½% NeFe acid.
- RIH w/ prod tbg and pumping assbly, rods, and pump. Turn to production.

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

Zeno Farris

Signature

Zeno Farris

Title

Manager Operations Administration

Date

November 15, 2010

APPROVED

Approved by

Title

Office

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.

NOV 16 2010

WESLEY W. INGRAM
PETROLEUM ENGINEER

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)

MAR 22 2011

WORKOVER PROCEDURE
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

TUBING/RODS: SEE WBD LANDING DETAIL

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

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

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

(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) **SQUEEZED**

10/1990 RBP @ 6550' (NEVER PULLED)

10/1995 CIBP SET 5989'

08/2000 TAGGED CIBP @ 6005' WITH BIT ("D/O ~65% OF PLUG"), TIH WITH TBG, TAG CIBP @ 6476', PUSH DOWN TO 6561'. RBP MAYBE BELOW REMNANTS OF CIBP

- 1.) MIRU PULLING UNIT. KILL WELL IF NEEDED. TOH W/ RODS AND PUMP. INSPECT RODS AS POOH AND LD ANY BAD RODS. ND WH - NU 3K BOP. POOH TBG AND SCAN OUT OF HOLE.
- 2.) RIW W/ 4 3/4" BIT, 4-3 1/8" DC'S AND 2 3/8" TBG TO TOP OF CIBP OR RBP @ 6576 ft. RU RR. PUMP DOWN TBG AND WASH DOWN TO TOP OF FISH. ROTATE DOWN TO SEE IF FISH WILL DRILL UP OR IF WE TORQUE UP. IF BIT TORQUES UP TRY SEVERAL TIMES W/ LESS WEIGHT TO VERIFY THAT IT WILL NOT DRILL UP. NOTE POSSIBLE JUNK ON TOP OF RBP.
- 3.) POOW w/ 2 3/8" TBG, 4-3 1/8" DC'S & 4 3/4" BIT. RU IMPRESSION BLOCK ON SANDLINE. TAG TOP OF FISH TO ENSURE WE GET GOOD MARKS. NOTE: **IMPRESSION BLOCK SHOWED POSSIBLE SIGNS OF COLLAPSED CASING. MADE THE ELECTION TO LEAVE THE BRUSHY CANYON ZONE ALONE AND PLUG BACK. CONTACTED BLM REP WESLEY INGRAM. PLUG BACK PROCEDURE AND RECOMPLETE THE CHERRY CANYON IS BELOW.**
- 4.) RIW W/ 2 3/8" WS TUBING OPEN ENDED TO TOP OF FISH @ 6551 FT. RU CEMENTERS. SPOT A CEMENT PLUG FROM TOP OF FISH @ 6551 FT TO COVER FROM 6551 TO 6442 FT, BOTTOM OF PERFS IN MIDDLE DELAWARE. POOW W/ TUBING. WOC 8 HRS. RU WL. RIW W/ 4 1/2" GR/JB. TAG TOC. POOW W/ GR/JB. RIW W/ 5 1/2" CIBP TO WITHIN 50 FT OF TOP PERF 6429 OR TOC. SET 5 1/2" CIBP. RUN DUMP BAILER AND DUMP 35 FT OF CEMENT ON TOP OF CIBP. POOW W/ WL. RD WL. PROCEED W/ RECOMPLETION PROCEDURE FOR CHERRY CANYON INTERVAL.
- 5.) RU WIRELINE, RIW WITH 3-3/8" PERF GUNS/CCL. REPERF SQUEEZED CHERRY CANYON PERFS **4955-75', 4900-4920', 4815-35', 4755-75', 4710-4745', 4684-4700'** 2SPF. CORRELATE TO CASD HOLE LOG. POOW W/ PERF GUNS/CCL.
- 6.) MU TREATING PACKER AND RBP. RIW ON TUBING. SET RBP @ 6760'. PU AND SET PACKER @ 6650' AND ATTEMPT TO SWAB WELL DOWN. NOTE FLUID ENTRY AND OIL CUT. IF NEEDED PUMP 1000 GAL 7-1/2% NEFE ACID WITH 75 BALL DIVERTERS.

SWAB BACK ACID.

- 7.) LATCH RBP AND PU, SET/TEST RBP @ 5025'. SET PACKER @ 4600' AND ATTEMPT TO SWAB WELL DOWN. NOTE FLUID ENTRY AND OIL CUT. IF NEEDED PUMP 1500 GAL 7-1/2% NEFE ACID WITH BALL DIVERTERS. SWAB BACK ACID AND POOH.
- 8.) RIW W/ PROD TUBING AND PUMPING ASSEMBLY, RODS, AND PUMP.

UPDATE 3/22/07

[illegible]

UPDATE 3/22/07

Well: Lusk West Delaware Unit #906		Field: Lusk West	Date: 3/22/07
County: Lea		State: NM	Status: SI
Directions:		Location: 2210' FNL & 2260' FWL	Survey: Unit "F" Sec 29, T-19-S, R-32-E
PERMANENT WELLBORE DATA		API # 30-025-30328	DATA ON THIS COMPLETION
Elevation: GL: 3556		Lease No. 924998-906	
DF:		Spud:	
KB: 3566		RR:	
TOC @ Surface		FP:	
13-3/8 54# at 903'		Compl: 05/98	
Cemented w/ 722 sx.		Cum.:	
DV TOOL @ 2801'		Rods: 7/18/2000	
8-5/8 24 & 32# @ 4500'		RHBC pump	
Cemented w/ 2450 sx		10 1-1/2" K bars	
TOC @ Surface		153 3/4" rods	
REPERF CHERRY CANYON 4684-4975'		93 7/8" rods	
RESTIM W/ 1000G 7-1/2% NEFE		30' PR	
SPOT 35' CMT ON CIBP		TUBING 8/10/2000	
SET CIBP <50' FROM TOP PERF... ~ 6400'		BPMA	
SPOT CMT ON FISH 6442-6551'		4' perf sub	
Casing:		SN	
5-1/2 15.5# @ 7204'		68 jts 2-3/8"	
Cemented w/ 600 sx		TAC	
TOC @ 4000' by CBL		141 jts 2-3/8"	
PBTD: 6561'		10/95 Perf'd 4684' - 4973' (26 shots)	
TD: 7204'		7/00 Sqzd perms @ 4,684-4,973 w/ 200 sxs.	
		05/88 Perf'd 6429' - 42' (2 JSPF)	
		8/00 CIBP @ 6561' W/ CMT	
		05/88 Perf'd 6683' - 6745' (31 shots)	
		upper perms were frac'd	

**Lusk West Delaware Unit No. 906
30-025-30328
Cimarex Energy Co. of Colorado
November 16, 2010
Conditions of Approval**

- 1. Contact BLM 575-393-3612 a minimum of 4 hours prior to tag of plug being placed at 6551 feet. PET to witness placement of CIBP above middle Delaware perforations.**
- 2. Surface disturbance beyond the originally approved pad must have prior approval.**
- 3. Closed loop system required.**
- 4. Operator to have H2S monitoring equipment on location.**
- 5. A minimum of a 3000 (3M) 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 (3M 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.**
- 6. Submit subsequent report with current wellbore schematic and well test when work is completed.**

WWI 11/16/2010