

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0135
Expires July 31, 1996

RECEIVED

AUG 03 2010

HOBBSOCD

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)

2310 FSL & 330 FWL
21-19S-32E

5. Lease Serial No.

NM-0175774

103234

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NM 94514X

Lusk West Delaware Unit

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

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☒ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other Extend TA

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 currently TA with CIBP @ 6390.' Well has been shut-in since 9-08. Cimarex's original plan was to recompleat this well to the Cherry Canyon. Cimarex would now like to alter the plan and recompleat to the Brushy Canyon as shown below and on the attached procedure, WBD, and plat.

Brushy Canyon RC Plans

- NDWH & NUBOP. POOH w tbg. DO CIBP @ 6390' and push to 6500.'
- Set CICR @ 6400.' Squeeze Delaware perfs with 100 sx Class C. Drill out to PBTD 7150.' and on through to 7220.' Test casing.
- Perforate Brushy Canyon using 3 1/2" casing guns from 7128-36, 7144-61, 85 holes.
- RIH with packer. Treat with 7 1/2% NeFe HCl and 150 diversion balls.
- Swab test to determine oil cut and fluid entry. If test successful, perform fracture stimulation and rod pump installation.

If not productive NOI to PA will be submitted. Request 3-month TA extension to obtain partner approval to pull well from unit, secure rig, and schedule frac date.

If productive, well will be removed from the Lusk West Delaware Unit, and well name will change back to Mobile Federal No. 3.

work to be done within 30 days * TA Denied As per previous Sundry TA expired 7/27/10

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

Name (Printed/Typed)

Zeno Farris

Signature

Zeno Farris

Title

Manager Operations Administration

Date

July 20, 2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

J. J. Lott

Title

L I E T

Date

7/31/10

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

CFO

KJ

PETROLEUM ENGINEER

AUG 04 2010

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)

when well is plugged remedial work may be required down hole

Z.M.

MOBIL FEDERAL #3 – aka LWDU 112
Recomplete to Basal Brushy Canyon

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

GL : 3589'

KB : 3601'

TD / PBDT: 7240' / 7150' CIBP @ 6390'

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 calculated in surface casing. NO CBL

TUBING: 2-7/8" J55 OPEN ENDED TO 5939' 186 JTS

PERFS: DELAWARE – BRUSHY CANYON 6478'-6485'

1. NOTIFY OCD PRIOR TO RIGUP, CHECK ALL PERMITS/DOCUMENTATION.
2. PRESSURE TEST CASGIN TO 500# PRIOR TO RIG UP.
3. MIRU RIG AND WIRELINE. ND-WH NU-BOP. POOH WITH TUBING. LOG WITH CBL/CCL/GR. MU BIT/COLLARS, DO CIBP @ 6390' AND PUSH TO 6500'. POOH.
4. MIRU CMT CREW. RIH WITH CIGR AND SET AT 6400'. SQUEEZE DELAWARE PERFORATIONS WITH 100SXS CLASS C. STING OUT REVERSE CLEAN, AND POOH.
5. MU 4-3/4" BIT AND COLLARS, RIH AND DRILL OUT TO PBDT 7150'. CONT TO DO TO 7220'. TEST CASING TO 500#. POOH, LD BIT/COLLARS.
6. MIRU WIRELINE. RIH WITH 3-3/8" PERF GUNS AND PERFORATE **7128-36', 7144-61'** 3SPF (85 HOLES). CORRELATE WITH NEW CBL LOG. POOH.
7. RIH W/ TUBING AND TREATING PACKER. SET PACKER AT 7000' AND TEST BACKSIDE. TREAT ZONE WTH 7-1/2% NEFE HCL ACID AND 150 DIVERSION BALLS @ 3-5 BPM. MONITOR BACKSIDE AND NOTE RATES AND SIP. RD ACID. SCHEDULE FRAC.
8. SWAB WELL DOWN AND NOTE FLUID ENTRY. POOH WITH WORKSTRING AND RIH WITH FRAC STRING. HANG OFF IN FRAC TREE.
9. SCHEDULE SWABBING CREW IN ORDER TO OBTAIN SOME RESERVOIR INFORMATION PRIOR TO FRAC, REPORT TO MIDLAND.
10. MIRU FRAC. FRAC DOWN WORKSTRING PER DESIGN. FLOW BACK AND PUT ON PUMP.

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		1993	LEASE NAME	LWDU	#112 (Formerly Mobil Federal Unit 3)	API# 30-025-30694	LEASE #NM LCO 065710A	
GL	3589'		TYPE COMPLETION:	Producer	SINGLE	DUAL		
		LOCATION: 2310' FSL & 330' FWL, Lea County, NM						
		TD	7,240'	PBD	6,390'	CIPB	KB	3,601'
		COD		DOD			GL	3589'
		NO. PROD. WELLS ON LEASE			FLOWING		PUMPING	
		ZONE TO BE WORKED ON:					CURRENT COMPLETION ZONE:	
		CSG. PERFS:					Delaware	
		6478-6485					OPEN HOLE :	
		CURRENT TEST (SHOW DATE)						
		GAS			OIL			
		GAS			OIL			
CASING BREAKDOWN								
SURF.	17 1/2" hole	SIZE:	13 3/8" 54# H40	cmt w. 475 sx C circ.	TOC @ Surf	DEPTH	@ 455'	
INTER.	11" 1hole	SIZE:	8 5/8" 24# 32# J55	w/ 1090 sx w/ C	TOC @ 150	DEPTH	@ 4256'	
PROD.	7 7/8"	SIZE:	5 1/2" 15 5# J55	w/ 1000 sx	TOC @ 702' by Calc	DEPTH	@ 7240'	
TUBING BREAKDOWN								
TBG:		SIZE:				DEPTH		
TBG:	186 jts	SIZE:	2 7/8"			DEPTH		
WELL HISTORY								
Water Flood: Case#: 11074 Order#: R-10863 Max Approved WHIP: 1280 psi								
SEE FAILURE HISTORY TAB FOR WELL HISTORY DETAILS NEED TO DETERMINE TOC FOR 5 1/2"								
<p>Note: Slips in 8-5/8" casing are not holding. 5-1/2" casing will rise and fall 2" with weight of tubing. Will need to dig up casing head and repair.</p> <p>Tubing Detail Tubing 186 jts 2 7/8" 8R J-55 EUE open ended</p> <p>Last report from TA: Finish POOW w 20 stands tubing RU Rotary Wireline and GIW with gauge rmg/junk basket could not get below 6400'. Reported findings and received permission to deviate from procedure and set CIBP @ 6390', also got permission from BLM representative POOW w gauge rmg/junk basket RIW w CIBP and set @ 6390' POOW with setting tool RD Rotary Wireline Co. RU pump truck and load casing with 60 BBLs 2%KCL packer fluid Pressure casing to 500 PSI but would not hold. Found there was no surface casing valve, dug up surface casing and installed valve @ ground level, there was no communication to surface casing. Found flowline valve off casing was leaking. Ran 30 min chart on casing pressure and passed integrity test RIW w open ended tubing. Left mud anchor jt out. RU pump truck and pump 90 additional barrels down casing circulating remainder of untreated fluid in well down flow line RDMO</p>								
<p>TOC @ 702' by Calc</p> <p>8 5/8" 24# 32# J55 w/ 1090 sx w/ C @ 4256' # TOC: 150' T.S</p> <p>13 3/8" 54# H40 cmt w. 475 sx C circ. @ 455'</p> <p>DV tool @ 2818'</p> <p>CIBP @ 6390'</p> <p>Delaware (squeeze) 6478-6485'</p> <p>Basal Brushy 7056-66 7128-36 7144-61</p> <p>5 1/2" 15.5# J55 w/ 1000 sx TOC ~702 by calc no record of CBL/TS</p> <p>7,190 7240' PBT TD</p>								
PREPARED BY: JDP				CREATED: 7/1/2010				

All distances must be from the outer boundaries of the Section.

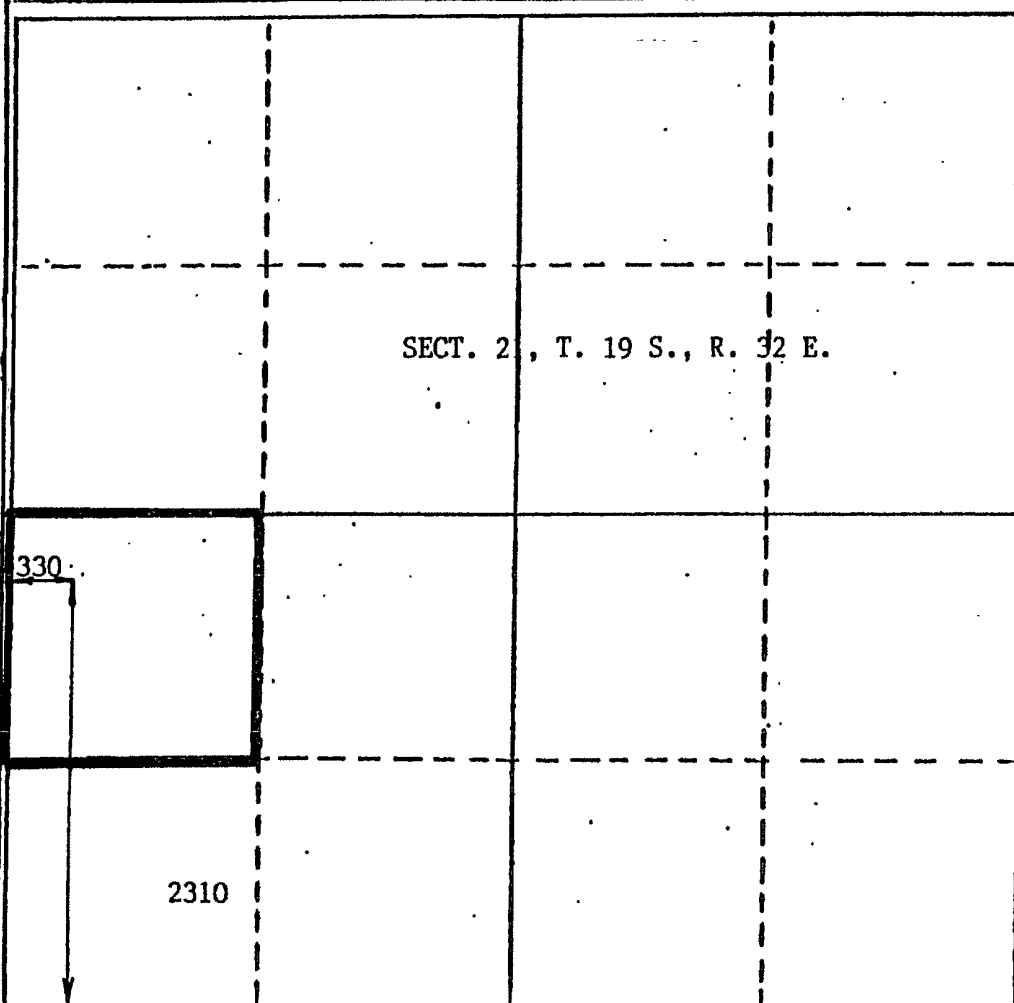
Operator Cimarex Energy Co. of Colorado			Lease MOBIL FEDERAL		Well No. #3
Unit Letter L	Section 21	Township 19 SOUTH	Range 32 EAST	County LEA	
Actual Postage Location of Well: 330 feet from the WEST line and 2310 feet from the SOUTH line					
Ground Level Elev. 3584	Producing Formation DELAWARE	Pool LUSK DELAWARE, WEST		Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). One lease only
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? One lease only.

☐ Yes ☐ No If answer is "yes," type of consolidation N/A

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) N/A

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Zeno Farris

Name
Zeno Farris
Position
Manager Operations Admin
Company
Cimarex Energy Co. of Colorado
Date
7/20/2010

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

JOHN D. JAQUESS
NEW MEXICO
SEPTEMBER 19 1989
Registered Professional Engineer
and/or L.S. Surveyor
JOHN D. JAQUESS P.E. & L.S.
Certificate No. 6290

