

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

RECEIVED

SEP 07 2010

HOBBSOCO

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-065710-A
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. 2
4. Location of Well (Footage, Sec., T, R., M, or Survey Description) 330 FNL & 1656 FEL 20-19S-32E	9. API Well No. 30-025-30523
	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 for future
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	Cherry Canyon RC
	<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 shut in since 09-09 with perfs @ 6468'-6481'. Cimarex proposes to TA current Delaware for future recompleat to Cherry Canyon as shown below and on the attached procedures and WBDs. Please note that upon completion in Brushy/Cherry Canyon, well will be pulled from Lusk West Delaware Unit, and well name will revert back to the original "Lusk West Delaware Unit A No. 19."

TA Plans

- POOH w rods and pump. NDWH & NU 3K BOP. POOH and LD tbg.
- Set CIBP @ 6400' and dump 35' cement on plug.
- Test casing to 1000# for 30 minutes and generate chart.
- RIW w production tbg and hang EOT @ 6300.'

Cherry Canyon RC Plans

- NDWH & NUBOP.
- Perf Cherry Canyon 4942-5176 w 3 1/2" guns 3 spf, 201 holes. Acidize with 2500 gal 7 1/2% NeFe HCl and 300 ball diverters. Swab.
- Swab test to determine oil cut and fluid entry. If test successful, perform fracture stimulation and rod pump installation.

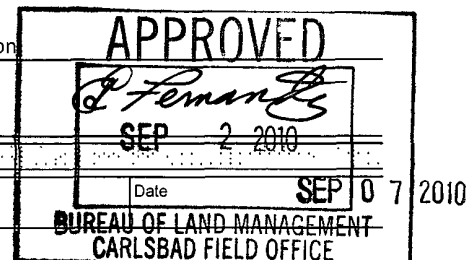
If not productive NOI to PA will be submitted. Request 6-month TA to pull from the unit, obtain partner approval, and secure rig, and to schedule PA rig if a no go.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

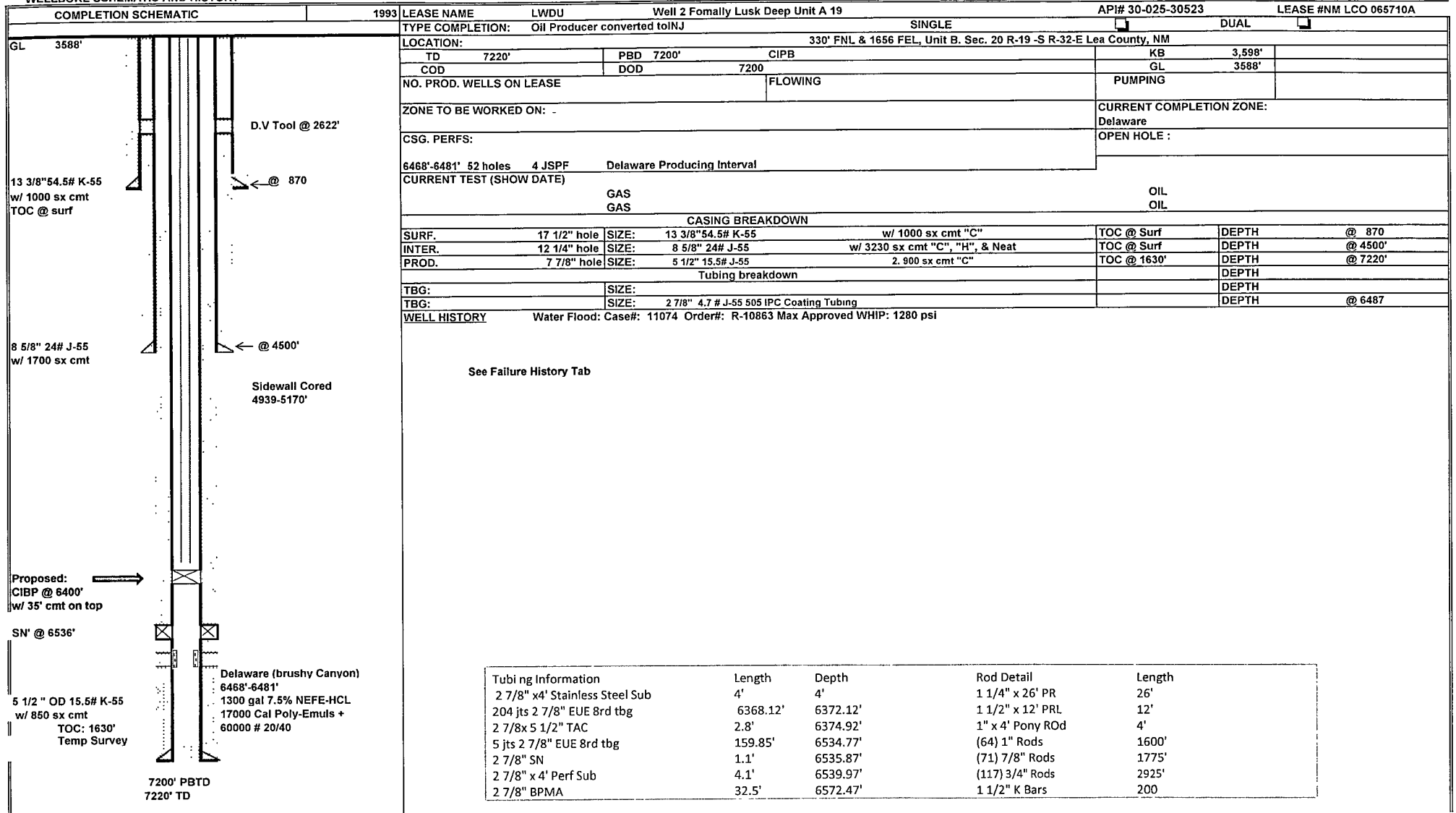
LAST Prod. 5/2009 Approved to TA unit 12/1/10 gdp

14. I hereby certify that the foregoing is true and correct	Title Manager Operations Administration
Name (Printed/Typed) Zeno Farris	Date August 13, 2010
Signature Zeno Farris	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved by ELG 9-7-10	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.	
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)



WELLBORE SCHEMATIC AND HISTORY



WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		1993	LEASE NAME	LWDU	Well 2 Fomally Lusk Deep Unit A 19	API# 30-025-30523	LEASE #NM LCO 065710A
			TYPE COMPLETION:		Oil Producer converted to INJ	SINGLE	DUAL
			LOCATION: 330' FNL & 1656 FEL, Unit B. Sec. 20 R-19 -S R-32-E Lea County, NM				
			TD 7220'	PBD 7200'	CIPB	KB 3,598'	
			COD	DOD 7200		GL 3588'	
			NO. PROD. WELLS ON LEASE		FLOWING	PUMPING	
			ZONE TO BE WORKED ON:				CURRENT COMPLETION ZONE:
			CSG. PERFS:				Delaware
			6468'-6481' 52 holes 4 JSPF Delaware Producing Interval				OPEN HOLE :
			CURRENT TEST (SHOW DATE)				
			GAS				OIL
			GAS				OIL
			Casing Breakdown				
			SURF. 17 1/2" hole	SIZE: 13 3/8" 54.5# K-55	w/ 1000 sx cmt "C"	TOC @ Surf	DEPTH @ 870
			INTER. 12 1/4" hole	SIZE: 8 5/8" 24# J-55	w/ 3230 sx cmt "C", "H", & Neat	TOC @ Surf	DEPTH @ 4500'
			PROD. 7 7/8" hole	SIZE: 5 1/2" 15.5# J-55	2.900 sx cmt "C"	TOC @ 1630'	DEPTH @ 7220'
			Tubing breakdown				
			TBG:	SIZE:			DEPTH
			TBG:	SIZE: 2 7/8" 4.7 # J-55 505 IPC Coating Tubing			DEPTH @ 6487
			WELL HISTORY Water Flood: Case#: 11074 Order#: R-10863 Max Approved WHIP: 1280 psi				
			See Failure History Tab				

COMPLETION SCHEMATIC	
GL 3588'	D.V Tool @ 2622'
13 3/8" 54.5# K-55 w/ 1000 sx cmt TOC @ surf	@ 870
8 5/8" 24# J-55 w/ 1700 sx cmt	@ 4500'
	Sidewall Cored 4939-5170'
Proposed: CIBP @ 6400' w/ 35' cmt on top	
SN' @ 6536'	
5 1/2" OD 15.5# K-55 w/ 850 sx cmt TOC: 1630' Temp Survey	Delaware (brushy Canyon) 6468'-6481' 1300 gal 7.5% NEFE-HCL 17000 Cal Poly-Emuls + 60000 # 20/40
7200' PBTD 7220' TD	

Tubing Information	Length	Depth	Rod Detail	Length
2 7/8" x 4' Stainless Steel Sub	4'	4'	1 1/4" x 26' PR	26'
204 jts 2 7/8" EUE 8rd tbg	6368.12'	6372.12'	1 1/2" x 12' PRL	12'
2 7/8x 5 1/2" TAC	2.8'	6374.92'	1" x 4' Pony ROd	4'
5 jts 2 7/8" EUE 8rd tbg	159.85'	6534.77'	(64) 1" Rods	1600'
2 7/8" SN	1.1'	6535.87'	(71) 7/8" Rods	1775'
2 7/8" x 4' Perf Sub	4.1'	6539.97'	(117) 3/4" Rods	2925'
2 7/8" BPMA	32.5'	6572.47'	1 1/2" K Bars	200'