

N.M. Oil Cons. DIV-Dist. 2
301 W. Grand Avenue
Artesia, NM 88210
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG										5. Lease Serial No. NM 92739		
1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										6. If Indian, Allottee or Tribe Name N/A		
b. Type of Completion: <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other _____										7. Unit or CA Agreement Name and No. N/A		
2. Name of Operator Cimarex Energy Co.										8. Lease Name and Well No. LA Federal #1-A (re-entry)		
3. Address 15 E. 5th Street, Ste 1000					3a. Phone No. (include area code) 918-585-1100					9. AFI Well No. 3001522654		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1976' FSL & 665' FEL At top prod. interval reported below At total depth										10. Field and Pool, or Exploratory Exploratory		
14. Date Spudded 08/05/2004										15. Date T.D. Reached 08/13/2004	16. Date Completed 09/08/2004 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.	17. Elevations (DF, RKB, RT, GL)* KB 4197', DF 4196', GL 4183'
18. Total Depth: MD 7417' TVD			19. Plug Back T.D.: MD 7331' TVD			20. Depth Bridge Plug Set: MD TVD						
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, Borehole Compensated Sonic										22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)		
23. Casing and Liner Record (Report all strings set in well)												
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled			
13 3/8" casing was set & cemented 10-07-78 from 504'-0'												
8 5/8" casing was set & cemented 10-11-78 from 2050'-0'												
7 7/8"	5 1/2"	17#	0'	7417'		1440	301	5000'	0			
24. Tubing Record												
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)				
		6622'	5 1/2"									
25. Producing Intervals										26. Perforation Record		
Formation			Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status				
A) Wolfcamp			6731'	6751'	6731'-6751'	.875	126	open				
B)												
C)												
D)												
27. Acid, Fracture, Treatment, Cement Squeeze, etc.												
Depth Interval			Amount and Type of Material									
6731'-6751'			4200 gal 15% HCL									
28. Production - Interval A												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
09/08/2004	08/19/2004	24	→	0	154	1.0	0	.746				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status				
21/64	SI 580	0	→	0	154	1.0	0		Flowing to sales			
28a. Production - Interval B												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
			→									
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status				
			→									

*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD
OCT 4 2004
LES BABYAK
PETROLEUM ENGINEER

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Queen San Andres Yeso Bone Spring Wolfcamp Cisco	0' 317' 2041' 2943' 5707' 7322'				

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Amy WarrenTitle Drilling Technician

Signature

Date 09/27/2004

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make 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.