

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
RECEIVED
OCD-HOBBS

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

MAR 25 2008

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM-056376	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resrv		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Cimarex Energy Co. of Colorado		7. Unit or CA Agreement Name and No.	
3. Address PO Box 140907; Irving, TX 75014		8. Lease Name and Well No. Mescalero 30 Federal No. 2	
3a. Phone No. (include area code) 972-443-6489		9. API Well No. 30-025-36040 / 53	
4. Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface 1200' FSL & 1980' FWL At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory Apache Ridge; Bone Spring 11. Sec., T., R., M., on Block and Survey or Area 30-19S-34E Unit N	
		12. County or Parish Lea	
		13. State NM	

14. Date Spudded 07.11.03	15. Date T.D. Reached 08.10.03	16. Date Completed 10.03.07 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.	17. Elevations (DF, RKB, RT, GL)* 3641' GR
18. Total Depth MD 13,750' TVD	19. Plug Back TD MD 13,155' 1980' TVD	20. Depth Bridge Plug Set: MD 13,190' TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Logs run on initial completion		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
17-1/2"	13-3/8" J-55	54.5	0	445'	NA	490 sx Prem		0	
12-1/4"	8-5/8" NS-110	40	0	3,525'	NA	1325 sx C/Prem		0	
8-3/4"	5-1/2" P-110	17	0	13,750'	NA	2240 sx H/C Prem		8990'	

24. Tubing Record								
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	9698'							

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status	
A) Apache Ridge; Bone Spring	9,594'	9,640'	9594'-9640'	0.32	111	Producing	
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, etc.	
Depth Interval	Amount and Type of Material
9594'-9640'	3600 gal 10% Acetic Acid, 160 7/8" ball sealers w/ 2% KCl flush

28. Production - Interval A										ACCEPTED FOR RECORD MAR 23 2008 BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
10.09.07	10.30.07	24	→	57	314	130	41.8	1.352	Pumping	
Choke Size	Tbg Press Flwg	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
	SI 300	122	→				5509	Pumping		
28. 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	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
	SI		→							

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.*)

Sold

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
				Rustler	1,456'
				Delaware	5,686'
				Bone Spring	8,197'
				Wolfcamp	10,862'
				Strawn	12,209'
				Atoka	12,468'
				Morrow	12,804'

32 Additional remarks (include plugging procedure).

This Bone Spring test precedes an eventual DHC of Strawn and Bone Spring production (OCD Administrative Order DHC-3946). Currently, a composite bridge plug @ 9800' covers Strawn perfs. Once the Bone Spring zone has been thoroughly tested, the CBP will be removed and production will be commingled.

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) Natalie Krueger Title Reg Analyst 1Signature Natalie Krueger Date November 28, 2007

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.