

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5. Lease Serial No. NMSF 078922									
6. If Indian, Allottee or Tribe Name 8 27									
7. Unit or CA Agreement Name and No. Canyon Largo Unit									
8. Lease Name and Well No. Canyon Largo Unit #456									
9. AFI Well No. 30-039-27743									
10. Field and Pool, or Exploratory Basin Dakota									
11. Sec., T., R., M., on Block and Survey or Area See 3-24N-7W									
12. County or Parish Rio Arriba					13. State NM				
14. Date Spudded 06/21/2005									
15. Date T.D. Reached 07/29/2005					16. Date Completed 02/05/2006 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.				
17. Elevations (DF, RKB, RT, GL)* 6979' KB									
18. Total Depth: MD 7300' TVD									
19. Plug Back T.D.: MD 7025' TVD					20. Depth Bridge Plug Set: MD 7160' & 7040' TVD				
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR, CCL CBL									
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
12 1/4"	8 5/8"	24#	Surface	331'		265 sx	55.7	Cir	22 bbls
7 7/8"	4 1/2"	11.6#	Surface	7299'	Lead	700 sx	244	Cir	45 bbls
					Tail	900 sx	235		
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 3/8"	5904'								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Morrison	7107'	NP	7202' - 7214'	12 ft	24	Inactive (CIBP @ 7160')			
B) Dakota	6774'	7107'	7060' - 7101'	12 ft	24	Inactive (CIBP @ 7040')			
C) Dakota	6774'	7107'	6789' - 6946'	26 ft	52	Inactive (CIBP @ 6745')			
D) Gallup	5784'	6372'	5786' - 6011'	54 ft	108	Active			
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
7202' - 7214'		500 gal 7-1/2% HCL							
7060' - 7101'		500 gal 7-1/2% HCL							
6789' - 6946'		40,000 gals foam placing 60,000# CRC 20-40							
5786' - 6011'		6,000 gals Delta Foam Frac 200 placing 100,000 lbs CRC in formation.							
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
	07/14/2005	3	→			171			Air-assist w/coil tubing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					Non Productive-wet	
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
	07/16/2005	6	→		TSTM	18			Air-assist w/coil tubing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					Non Productive	

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

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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
	08/19/2005		→	11	TSTM	21			Swab
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 180	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→			131			Temporarily Abandoned

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
03/27/2006	03/28/2006	24	→						Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 450	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	30		→	8.91	.34"				Producing

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
Gallup	5784'	6372'	Intbd shale, silt & sand, fracure porosity, oil and gas bearing	Fruitland	2165'
Dakota	6774'	7107'	Intbd sand & shale, predominantly tight, water-bearing where porous	Pictured Cliffs	2458'
				Lewis	2530'
				Huerfano	2799'
				Mesaverde	3989'
				Mancos	4926'
Morrison	7107'	NP	Shale with minor sand, water-bearing	Gallup	5784'
				Juana Lopez	6372'
				Greenhorn	6673'
				Graneros	6737'
				Dakota	6774'
				Morrison	7107'

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) Catherine Smith

Title Land Associate

Signature

Catherine Smith

Date 05/03/2006

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.