

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

2000 SEP 18 PM 2 RECEIVED

5. Lease Serial No. NMSF 078925

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. Canyon Largo Unit Not in PA

8. Lease Name and Well No. Canyon Largo Unit #476

9. AFI Well No. 30-039-29651

10. Field and Pool, or Exploratory Basin Dakota

11. Sec., T., R., M., on Block and Survey or Area Sec 26-24N-6W

12. County or Parish Rio Arriba

13. State NM

14. Date Spudded 06/11/2006

15. Date T.D. Reached 06/18/2006

16. Date Completed 08/30/2006

17. Elevations (DF, RKB, RT, GL)* 6759' KB

18. Total Depth: MD 7126' TVD

19. Plug Back T.D.: MD 6680' TVD

20. Depth Bridge Plug Set: MD 6780', 6715', 6680' TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR, CCL CBL, RST

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ 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"	23#	Surface	340' KB		260 sx	55 bbls	Clr	15 bbls
7 7/8"	4 1/2"	11.6#	Surface	7121' KB	Lead	700 sx	239 bbls	700'	
					Tail	900 sx	235 bbls		

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"	6505'	6521'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Dakota	6540'	6886'	6840'-6845'	0.41"	10	Inactive (CIBP @ 6780')
B) Dakota	6540'	6886'	6751'-6758'	0.41"	14	Inactive (CIBP @ 6715')
C) Dakota	6540'	6886'	6687'-6693'	0.41"	12	Inactive (CompBP @ 6680')
D) Dakota	6540'	6886'	6546'-6670'	0.41"	52	Active

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6840'-6845'	12.5 bbls 7 1/2% NEFE HCL followed by 13 bbls 2% KCL H2O.
6751'-6758'	12 bbls 7 1/2% NEFE HCL
6687'-6693'	12 bbls 7 1/2% NEFE HCL
6546'-6670'	68,077 gals 20X-linked 70Q foamed gel containing 1,445,875 SCF N2 & propped FM w/84,602# 20/40 sand

28. Production - Interval A

Treated with Greenhorn - 6470'-6480'

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
	07/12/2006	7	→		TSTM	9			Swab
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. vac	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Inactive-Water Bearing

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
	07/13/2006	7	→		TSTM				Swab
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Inactive-tight

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

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
	07/15/2006	8	→		TSTM				Swab
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					Inactive-tight	

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
07/18/2006	07/18/2006	15	→	0	300	88			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
24/64	350		→					Producing	

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

Will be 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
Dakota	6540'	6886'	Sand w/intbd shale, vf-mg, sl-v arg, sil, calc ip, pr-fr por, gas + water-bearing	Niobrara/Gallup Juana Lopez Greenhorn Graneros Dakota Morrison	5493' 6105' 6440' 6508' 6540' 6886'

32. Additional remarks (include plugging procedure):

Bradenhead pressure was monitored per BLM request from start to finish of all acidizing and whenever any downhole pressure operations were performed. No pressure change occurred.

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

09/12/2006

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.