

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB NO. 1004-0137  
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

JAN 22 2013

5. Lease Serial No. **NMNM105187**

6. If Indian, Allottee or Tribe Name **Office**

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **SI Federal 27 #1**

9. API Well No. **30-043-21121**

10. Field and Pool or Exploratory **San Isidro Mesaverde**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 27, T20N, R3W, NMPM**

12. County or Parish **Sandoval County** 13. State **NM**

17. Elevations (DF, RKB, RT, GL)\* **6819' GL**

14. Date Spudded **07/28/2012** 15. Date T.D. Reached **08/05/2012** 16. Date Completed **10/09/2012**  
 D & A  Ready to Prod.

18. Total Depth: MD **2775'** TVD **2775'** 19. Plug Back T.D.: MD **2681'** TVD **2681'** 20. Depth Bridge Plug Set: MD **2510'** TVD **2510'**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**Induction electric, compensated neutron density, GR, SP and CBL and GR collar logs**

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8 3/4"	7" J55	20#	Surface	302'	-----	90 sx CIG		Surface	None
6 1/4"	4 1/2" J55	10.5#	Surface	2775'	1600'	330sx.50-50poz		Surface	None

RCUD JAN 24 '13  
OIL CONS. DIV.  
DIST. 3

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"	2483'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)			2586-91'	0.37"	30	Below CIBP
B)			2591-92', 2596-98' & 2612-17'	0.37"	48	Below CIBP
C)			2571-75'	0.37"	24	Below CIBP
D)			2207-11', 2286-88' & 2277-84'	0.37"	78	To be plugged off

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

Depth Interval	Amount and Type of Material
2586-91'	Acidized w/ 750 gal. of 7 1/2% Mud Cleanout Acid (MCA)
2586-98'	Frac'd w/ 30,000 gal. of 70 Quality foam and 23,100 lbs. 20-40 sd.
2207-11'	Acidized w/ 1000 gal. of 7 1/2% MCA

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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	
			→						

ACCEPTED FOR RECORD  
JAN 22 2013

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

NMOCD A

FARMINGTON FIELD OFFICE  
BY sm

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 (Solid, 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
Menefee	2586'	2598'	SS containing fresh water	Mesaverde	1040'
				Cliff House	1708'
				Menefee	1825'
				Point Lookout	2580'

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) John B. Somers II      Title Petroleum Engineer & President  
 Signature: *John B. Somers II*      Date 01/18/2013

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.

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