

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

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,
Other _____

2. Name of Operator **NM&O Operating Company**

3. Address **15 East Fifth Street - Suite 3000
Tulsa, OK 74103-4337** 3a. Phone No. (include area code) **918-584-3802**

4. Location of Well (Report location clearly and in accordance with Federal requirements) **49N 2005**
At surface **790' fsl & 790' fsl**
At top prod. interval reported below "
At total depth "

14. Date Spudded **03/28/1986** 15. Date T.D. Reached **03/31/1986** 16. Date Completed **05/02/1986**
☐ B & A ☒ Ready to Prod.

18. Total Depth: MD **3953'** 19. Plug Back T.D.: MD **3818'** 20. Depth Bridge Plug Set: MD **3835'**
TVD **3953'** TVD **3818'** TVD **3835'**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

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 J55	20#/ft.	0'	355'	355'	350 - Class B	~73.5 Bbls	Surface	
7 7/8"	4 1/2 J55	10.5#/ft.	0'	3950'	3953'	60sks Class H poz & 50 sks Class H 10-0 RFC cmt.	~66 Bbls	2950'	

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"	3794'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	3848'	3860'	3850' - 3859'	n/a	18 (2 HPF)	Below CIBP @ 3835'
B) Fruitland	3670'	3795'	3677' - 3792'	0.36"	60 (2 HPF)	Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
A.) 3848' - 3860'	700 gal. 15% HCl w/additives. Fraced w/29,400 gal. 700 foamed 2% KCl & 35,000 lbs 20/40 sand. Air 35 BPM @ 1700 psig Avg. TP.
B.) 3670' - 3795'	Spot 200 gal. 10% Acetic Acid. 250 gal. 7.5% Fe Acid. & 725 Bbls H2O w/coal surfactants, dewatering agents, gel block diverters, and 1500 lbs. rock salt.

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
	04/26/1986		→	---	---	---	---	---	Swabbing/Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 100 psig	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Shut-In
1/4"			→	---	75 MCF	15 Bbls	---		

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
	11/04/1992		→	---	None	88	---	---	Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Shut-In
			→						

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

ACCEPTED FOR RECORD

NMOCD

JAN 14 2005

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. Plwg. 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. Plwg. 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
				San Jose Ojo Alamo Kirkland Fruitland Pictured Cliffs Lewis TD	Surface 3533' 3614' 3696' 3792' 3903' 3953'

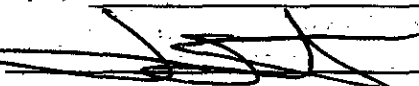
32. Additional remarks (include plugging procedure):

NM&O plans to squeeze off the current Fruitland zone perforation (3848' - 3860') and complete and test the Pictured Cliffs interval 3805' - 3819'.

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) LARRY D. SWEETTitle PresidentSignature Date 1/7/05

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.