

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED

OMB NO. 1004-0137

Expires: November 30, 2000

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

2. Name of Operator

Great Western Drilling Company c/o Walsh Engineering

3. Address

7415 E. Main St. Farmington, NM 87402

3a. Phone (include area code)
(505) 517-0361

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*

At surface

1955' FSL and 1835' FEL, Section 19, T25N, R7W

At top prod. interval reported below

At total depth

14. Date Spudded

04/21/04

15. Date T.D. Reached

04/27/04

16. Date Completed

☐ D & A ☒ Ready to Prod.
06/16/04

5. Lease Serial No.

SF-078477

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Nordhaus Federal #8

9. API Well No.

30-039-27590

10. Field and Pool, or Exploratory

Ballard Pictured Cliffs

11. Sec., T., R., M., or Block and

Survey or Area Sec 19 T25N R7

12. County or Parish

Rio Arriba

13. State

NM

17. Elevations (DF, RKB, RT, GL)*

6523' GR

18. Total Depth:

MD 2357' KB
TVD 2357' KB

19. Plug Back T.D.:

MD 2357' KB
TVD 2357' KB

20. Depth Bridge Plug Set MD

TVD

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

22. Was well cored? ☒ No ☐ Yes (Submit copy)
Was DST run? ☒ No ☐ Yes (Submit copy)
Directional Survey? ☐ No ☒ Yes (Submit)

Cased Hole TMDL from 2319'. GR/CCI

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", J-55	23#	0	127'		75 sx (89 cu.ft.)	15.9	Surface	
6-1/4"	1-1/2", J5	11.6#	0	2357'		05 sx (428 cu.ft.)	98.2	Surface	
						00 sx (123 cu.ft.)			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2-3/8"	2152'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	2132'	2239'	133-39. 2153-60, 2166-8	0.36"	64	2 spf
B)						
C)						
D)						

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

Depth Interval	Amount and type of Material
2133' - 2185'	500 gal 15% HCl, 5,000# 40/70 & 60,000# 20/40 in 283 bbls x-linked gel and 298,817 SCF of nit

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
06/16/04	06/16/04		→						Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
		105	→						

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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

NMOC

ACCEPTED FOR RECORD

AUG 03 2004

FARMINGTON FIELD OFFICE
BY *[Signature]*

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.)

Vented

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
Ojo Alamo Kirtland Fruitland Pictured Cliffs	1397' 1618' 1960' 2132'				

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 5. Core Analysis | 7. Otl | |

36. 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) Paul C. Thompson, P.E. Title AgentSignature _____ Date 6/19/2004

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.