

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other _____

RECEIVED

2. NAME OF OPERATOR Reading & Bates Petroleum Co.
3. ADDRESS OF OPERATOR 3200 Mid-Continent Tower, Tulsa, OK 74103

JUN 13 1986

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1650'FSL, 790'FEL
At top prod. interval reported below Straight Hole
At total depth Straight Hole

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.

NM-05550776

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Howard Federal

9. WELL NO.

43-15

10. FIELD AND POOL, OR WILDCAT

Gavilan Greenhorn/Graneros/

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Dakota

Sec. 15, T25N, R2W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED 12/6/85 16. DATE T.D. REACHED 12/21/85 17. DATE COMPL. (Ready to prod.) 3/15/86 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7249'GL 19. ELEV. CASINGHEAD 7249'

20. TOTAL DEPTH, MD & TVD 7982' MD & TVD 21. PLUG, BACK T.D., MD & TVD 7912' MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY → ROTARY TOOLS X CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
TOP: 7754' Bottom: 7860' Name: Dakota; TOP: 7715' Bottom: 7735'
Name: Graneros; TOP: 7577' Bottom: 7006' Name: Greenhorn

25. WAS DIRECTIONAL SURVEY MADE
no

26. TYPE ELECTRIC AND OTHER LOGS RUN
FDC/CNL/GR; DIL/Laterolog; BHC Sonic/GR; Sonic Waveform

27. WAS WELL CORED
no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36	374'	12 1/4"	250 SX. - 295 C.F.	
7"	26	7953'	8-7/8"	1610 SX. - 2294 C.F.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7500'	7500'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)
7577', 80', 92'; 7603', 06', 12', 20', 23', 28', 32', 43', 46'; 7715', 23', 26', 35', 54', 57', 59', 62', 71', 75, 91, 93, 96, 99'; 7821', 24', 26', 28', 30', 42', 45', 47', 52', 55', 60'. Size: 1/2"

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>7715'-7860'</u>	<u>60,000 gal. gelled water;</u> <u>105,000# 20/40 sand</u>
<u>7577-7646'</u>	<u>36,000 gal. gelled water;</u> <u>35,000# 20/40 sand</u>

33. PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing WELL STATUS (Producing or shut-in) shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<u>2-1-86</u>	<u>3</u>	<u>32/64"</u>	<u>→</u>	<u>6.66</u>	<u>222.83</u>	<u>2</u>	<u>33452</u>

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
<u>200</u>	<u>0</u>	<u>→</u>	<u>53.3</u>	<u>1783</u>	<u>16</u>	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

2. Bruce Pettib

TITLE

Division Manager

DATE

6/10/86

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP VERT. DEPTH
				Cliff House Menefee Point Lookout Mancos Gallup Sanastee Greenhorn Graneros Dakota Burro Canyon TD	5082' 5180' 5534' 5700' 6736' 7268' 7572' 7648' 7753' 7930' 7982'	5082' 5180' 5534' 5700' 6736' 7268' 7572' 7648' 7753' 7930' 7982'