

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 ☐

2. NAME OF OPERATOR

Bannon Energy Incorporated

3. ADDRESS OF OPERATOR

3934 F.M. 1960 West, Suite 240, Houston, TX 77068

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 651' FNL x 1991' FEL of Section 31

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

300392479A

5. LEASE DESIGNATION AND SERIAL NO.

NM-33005

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 31

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Lybrook Gallup

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

Sec. 31 T24N-R7W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

15. DATE SPUDDED
6/26/90

16. DATE T.D. REACHED
7/21/90

17. DATE COMPL. (Ready to prod.)
7/21/90

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
7038' RKB

19. ELEV. CASINGHEAD
7024' GR

20. TOTAL DEPTH, MD & TVD
5700'

21. PLUG, BACK T.D., MD & TVD
5675'

22. IF MULTIPLE COMPLETIONS, HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS
0-5700'

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5630-5640' Mayre

OCT 1 1990

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Density Log

OIL CON. DIV.
DIST. 3

27. WAS WELL CORRED
NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	23	321'	12 1/4"	230 Sx "B"	
4 1/2"	116	5691'	7 7/8"	720 Sx 65/35 Poz + 150 Sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	5600'	N/A

31. PERFORATION RECORD (Interval, size and number)

5630-40', .40" DIA, 40 shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5630-5640	N ₂ Foam Frac; 32,000# 20-40 Mesh Sd x 60 MSCF N ₂

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in) Prod.	
7/21/90		Pump						
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
7/24/90	24	---	→	15	98	0	6533	
FLOW—TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
30	30	→	15	98	0			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY
ACCEPTED FOR RECORD

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: H.G. Livingston TITLE: Drilling Manager

FARMINGTON RESOURCE AREA

DATE: 8/15/90

*(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):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1310	1405				
Kirtland/Fruitland	1405	1975				
Pictured Cliffs	1975	2180				
Lewis	2180	2900				
Chacra	2900	3600				
Cliffhouse	3600	3630				
Menefee	3630	4280				
Pt. Lookout	4280	4450				
Mancos	4450	5500				
Gallup	5500	5700				
Mayre Sd.	5630	5640				