

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions 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 _____		5. LEASE DESIGNATION AND SERIAL NO. SF-078360					
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
2. NAME OF OPERATOR Bannon Energy Incorporated		7. UNIT AGREEMENT NAME					
3. ADDRESS OF OPERATOR 3934 F.M. 1960 West, Suite 240, Houston, TX 77068		8. FARM OR LEASE NAME Federal 19					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1677' FNL x 1815' FEL, Sec. 19, T23N-R6W At top prod. interval reported below Same At total depth		9. WELL NO. 4					
14. PERMIT NO. 30-043-20839		13. STATE NM					
DATE ISSUED		12. COUNTY OR PARISH Sandoval					
15. DATE SPUDDED 5/2/90	16. DATE T.D. REACHED 5/9/90	17. DATE COMPL. (Ready to prod.) 5/30/90	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7009' KB	19. ELEV. CASINGHEAD 6997'			
20. TOTAL DEPTH, MD & TVD 5680'	21. PLUG, BACK T.D., MD & TVD 5625'	22. IF MULTIPLE COMPL., HOW MANY* N/A	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0'-5680'	CABLE TOOLS None		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5315'-5519' Gallup					25. WAS DIRECTIONAL SURVEY MADE No		
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Density Log 5/1/90					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		
8 5/8"	2#	328'	12 1/4"	230 Sx class "B" (Circ)			
4 1/2"	11.60#	5671'	7 7/8"	1000 Sx 65/35 poz + 150 Sx			
2 3/8"	N/A	5480'	N/A	50/50 poz (circ cmt)			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)			
N/A							
30. TUBING RECORD							
SIZE	DEPTH SET (MD)	PACKER SET (MD)					
2 3/8"	5480'	N/A					
31. PERFORATION RECORD (Interval, size and number)							
1) 5315' .42" 1 shot	6) 5512' .42" 1 shot						
2) 5318' .42" 1 shot	7) 5519' .42" 1 shot						
3) 5322' .42" 1 shot							
4) 5490-96' .42" 14 shots							
5) 5502' .42" 1 shot							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED				
5315'-5519'			Nitrogen Foam Frac w/204,000#				
			20-40 mesh sand preceded by				
			1000 gallons 15% HCL				
33.* PRODUCTION							
DATE FIRST PRODUCTION 5/30/90		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Producing		
DATE OF TEST 6/2/90	HOURS TESTED 24	CHOKE SIZE N/A	PROD'N. FOR TEST PERIOD →	OIL—BBL. 30	GAS—MCF. 100	WATER—BBL. 0	GAS-OIL RATIO 333
FLOW. TUBING PRESS. 100	CASING PRESSURE 300	CALCULATED 24-HOUR RATE →	OIL—BBL. 100	GAS—MCF. 100	WATER—BBL. 0	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY SEP 13 1990	
35. LIST OF ATTACHMENTS						SEP 24 1990	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						FARMINGTON RESOURCE AREA	
SIGNED <u>R. A. Chabaud</u>						TITLE Vice President-Operations DATE 9/6/90	

*(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	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Ojo Alamo	1165	1465				
Kirkland	1465	1860				
Picture Cliffs	1860	1955				
Lewis	1955	2850				
Chacra	2850	3485				
Cliffhouse	3485	3545				
Menefee	3545	3890				
Point Lookout	3890	5315				
Gallup	5315					