

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

45F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: ☒ OIL WELL ☐ GAS WELL ☐ OTHER

b. TYPE OF COMPLETION:
NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐
PLUG BACK ☐ DIFF. ENTRY ☐ OTHER

2. NAME OF OPERATOR
Challenger Energy, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 1262, Artesia, NM 88211-1262

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
330' FSL & 990' FWL of Sec.22
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED

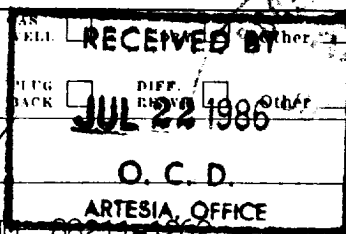
15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN
D.L.L., Comp Neutron

27. WAS WELL CORED
no



5. LEASE DESIGNATION AND SERIAL NO.
NM-22634

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Mobil "22" Federal

9. WELL NO.
#9

10. FIELD AND POOL, OR WILDCAT
Brushy Draw

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 22, T-26S, R-29E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

CASING RECORD (Report all strings set in well)						AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		
8 5/8	23	365	12 1/4	225 sks		
5 1/2	15.50	6128	7 7/8	715 sks		

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4942	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4912, 14, 16, 20, 24, 28 2 JSF		DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED	
4944, 50, 54, 56, 58, 61, 66, 68 1 JSF		4912-68	2000 gal 7 1/2% HCL, 48,500 gal 3% KCL gelled w/30#/bbl, 100,000# 20/40 sd, 39,000# 12/20 sd.
20 - .42 holes			

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7/12/86		gas lift				producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/13/86	12	open		47	32.4	156	689
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
170	800					38.6	

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

TEST WITNESSED BY
Rusty Clack

35. LIST OF ATTACHMENTS
deviation survey, logs.

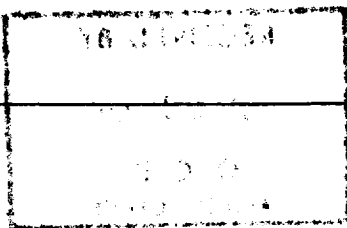
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Vickie Judd TITLE CARLSBAD, NEW MEXICO Production Clerk DATE 7/14/86

*(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.
Cherry Canyon Field pay	4897	4992	Oil, gas, water



38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
T/Delaware	2847	
B/Manzanita Lm	3943	
Brushy Canyon	5398	