

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL _____ GAS _____ WELL _____ WELL <u>X</u> _____ DRY _____ Other _____										5. LEASE DESIGNATION AND SERIAL NO. NMNM-03381	
b. TYPE OF COMPLETION: NEW _____ WORK _____ DEEP- _____ PLUG _____ DIFF. _____ WELL <u>X</u> OVER _____ EN _____ BACK _____ RESVR. _____ Other _____										6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR CAULKINS OIL COMPANY										7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. BOX 340 BLOOMFIELD, NM 87413 Ph. (505) 632-1544										8. FARM OR LEASE NAME BREECH "B"	
4. LOCATION OF WELL. (Report location clearly and in accordance with any State requirements)* At surface 1800' F/S 1150' F/W At top prod. interval reported below At total depth										9. WELL NO. 781	
10. FIELD AND POOL, OR WILDCAT Mc Cyn GALLUP										11. SEC, T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 14-26N-7W	
14. PERMIT NO. 30-039-25839		DATE ISSUED 4-22-98		12. COUNTY OR PARISH Rio Arriba		13. STATE New Mexico					
15. DATE SPUDDED 5-22-98		16. DATE T.D. REACHED 6-2-98		17. DATE COMPL. (Ready to prod.) 12-18-98		18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 6124 GR		19. ELEV. CASINGHEAD 6124 GR			
20. TOTAL DEPTH, MD & TVD 6836' GR		21. PLUG, BACK T.D., MD & TVD 6836'		22. IF MULTIPLE COMPL. HOW MANY* two		23. INTERVALS DRILLED BY →		ROTARY TOOLS 0' - 6836'			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 5669' - 6123' Gallup										25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE OF ELECTRIC AND OTHER LOGS RUN GSL, Gamma Ray Compensated Neutron										27. WAS WELL CORED	
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#		350'		12 1/4"		309 sacks (365 cu. ft.)		none	
7"		23# & 26#		6836'		8 3/4"		951 sacks (1522 cu. ft.)		none	
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"		6174'		3307'							
31. PERFORATION RECORD (Interval, size and number)											
One .32 hole at the following depth:											
5669'	5703'	5736'	5793'	5819'	5890'	5958'	5986'	6123'			
5672'	5710'	5742'	5797'	5824'	5931'	5960'	5993'				
5678'	5712'	5760'	5807'	5879'	5947'	5968'	5998'				
5680'	5721'	5782'	5812'	5881'	5950'	5977'	6116'				
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
DEPTH INTERVAL (MD)								AMOUNT AND KIND OF MATERIAL USED			
5669' - 6123'								88,500# 20/40 Arizona sand and			
								1208 bbls 15# low gel fluid			
33. PRODUCTION											
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flow						WELL STATUS (Producing or shut-in) Shut-in			
DATE OF TEST 1-5-99		HOURS TESTED 3 hours		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD →		OIL - BBL. trace		GAS - MCF. 82	
FLOW. TUBING PRESS. 169		CASING PRESSURE PKR.		CALCULATED 24-HOUR RATED →		OIL - BBL. trace		GAS - MCF. 654		WATER - BBL. trace	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented											
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 Robert L. Vergara		TITLE Superintendent				DATE January 12, 1999					

37. SUMMARY OF PORUS 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.
Alamo	1542	1746	Water sand
Pictured Cliffs	2265	2343	Gas sand
Chacra	2824	3200	Gas sand
Mesa Verde	4518	5265	Gas sand
Gallup	5655	6153	Gas sand
Dakota	6590	6781	Gas sand
<u>HOLE DEVIATION</u>			
	119'		1/2°
	328'		1°
	784'		1/4°
	1279'		1°
	1774'		3/4°
	2276'		1 3/4°
	2750'		1 1/4°
	3247'		3/4°
	3747'		1°
	4240'		1 1/4°
	4749'		1/2°
	5250'		3/4°
	5723'		1°
	6308'		1°
	6722'		1°

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEP
Alamo	1542	
Pictured Cliffs	2265	
Chacra	2824	
Mesa Verde	4518	
Gallup	5655	
Dakota	6590	