

NOV 23 1999

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 ☒ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NMNM-03733	
b. TYPE OF COMPLETION: NEW WORK DEEP- PLUG DIFF. WELL ☒ OVER ☐ EN ☐ BACK ☐ RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 30-039-25925	
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	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1475' F/N 1850' F/W At top prod. interval reported below same At total depth same		9. WELL NO. 812-M	
15. DATE SPUDDED 9/20/99		10. FIELD AND POOL, OR WILDCAT MESA VERDE	
16. DATE T.D. REACHED 10/2/99		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA F SEC. 18-26N-6W	
17. DATE COMPL. (Ready to pro.) 10/29/99		12. COUNTY OR PARISH Rio Arriba	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6212 GR		13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 7015'		14. PERMIT NO. 30-039-25925	
21. PLUG, BACK T.D., MD & TVD 7015'		15. DATE ISSUED 7-29-98	
22. IF MULTIPLE COMPL. HOW MANY* 2 Commingled		16. ELEV. CASINGHEAD 6212	
23. INTERVALS DRILLED BY →		17. ROTARY TOOLS 0' - 7015'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 4294' - 4958' MESA VERDE		18. CABLE TOOLS	
25. TYPE OF ELECTRIC AND OTHER LOGS RUN Gamma Ray Correlation, Induction and Compensated Neutron - Density		19. WAS DIRECTIONAL SURVEY MADE No	
26. 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#	427' 4/5	12 1/4"	400 sacks (472 cu. ft.)	None
5 1/2"	15.5#	7015'	7 7/8"	1580 sacks (3064 cu. ft.)	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SIZE	DEPTH SET (MD)	PACKER SET (MD)
				2 3/8"	6902	None

31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
One .32 hole at following depths:						DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4295'	4554'	4670'	4718'	4778'	4874'	4294' to 4958'	102,620# 20/40 sand and 2045 bbls cross-link fluid
4299'	4562'	4677'	4733'	4788'	4881'		
4315'	4581'	4682'	4765'	4821'	4906'		
4319'	4625'	4701'	4770'	4823'	4933'		
4544'	4629'	4707'	4775'	4831'	4958'		

33. * DATE FIRST PRODUCTION 10/26/99		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in)	
DATE OF TEST 10/26/99	HOURS TESTED 1 hour	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL - BBL. .13	GAS - MCF. 23.58	WATER - BBL. trace	GAS - OIL RATIO
FLOW. TUBING PRESS. 40	CASING PRESSURE 212	CALCULATED 24-HOUR RATED →	OIL - BBL. 3.2	GAS - MCF. 566	WATER - BBL. trace	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		35. LIST OF ATTACHMENTS	
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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.	
SIGNED Robert I. Verque	TITLE Superintendent
DATE November 3, 1999	

ACCEPTED FOR RECORD
TEST WITNESSED BY
NOV 16 1999

FARMINGTON FIELD OFFICE
BY [Signature]

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.

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPT
Alamo	1788'	1914'	Water Sand	Alamo	1788'	
Pictured Cliffs	2460'	2528'	Gas Sand	Pictured Cliffs	2460'	
Otero Chacra	3358'	3455'	Gas Sand	Otero Chacra	3358'	
Mesa Verde	4136'	4958'	Gas Sand	Mesa Verde	4136'	
Gallup	5904'	6096'	Gas Sand	Gallup	5904'	
Basin Dakota	6768'	6954'	Gas Sand	Basin Dakota	6768'	
HOLE DEVIATION 222' 1/2° 4110' 1/2° 860' 1/4° 4611' 1/2° 1116' 3/4° 4900' 1 1/4° 1617' 3/4° 5388' 3/4° 2116' 1° 5919' 1° 2616' 1 1/2° 6410' 1/2° 3128' 3/4° 6749' 3/4° 3616' 1/2° 6931' 1°						