

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 X DRY Other
b. TYPE OF COMPLETION:
NEW WORK DEEP- PLUG DIFF.
WELL X OVER EN BACK RESVR. Other

2. NAME OF OPERATOR

CAULKINS OIL COMPANY

3. ADDRESS OF OPERATOR

P.O. BOX 340
BLOOMFIELD, NM 87413

Ph. (505) 632-1544

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

5. LEASE DESIGNATION AND SERIAL NO.

NMNM-03381

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

BREECH "B"

9. WELL NO.

781

10. FIELD AND POOL, OR WILDCAT

Blanco MESA VERDE

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 SPUNDED

5-22-98

16. DATE T.D. REACHED

6-2-98

17. DATE COMPL. (Ready to pro.)

12-18-98

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

6124 GR

19. ELEV. CASINGHEAD

6124 GR

20. TOTAL DEPTH, MD & TVD

6836' GL

21. PLUG, BACK T.D., MD & TVD

6836'

22. IF MULTIPLE COMPL.

HOW MANY*

two

23. INTERVALS

DRILLED BY

ROTARY TOOLS

0' - 6836'

CABLE TOOLS

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

4548' - 5249' Mesa Verde

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE OF ELECTRIC AND OTHER LOGS RUN

GLS, Gamma Ray Compensated Neutron

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
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 depths:

4548'	4570'	4884'	4925'	4978'	5015'	5064'	5195'
4556'	4857'	4889'	4933'	4987'	5025'	5132'	5249'
4562'	4863'	4898'	4956'	4993'	5041'	5153'	
4566'	4873'	4903'	4965'	5009'	5053'	5181'	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4548' - 5249'	117,000# 20/40 Arizona sand and
	1423 bbls 15# low gel fluid

33. * PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping – size and type of pump)					WELL STATUS (Producing or shut-in)	
		Flow					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL – BBL.	GAS – MCF.	WATER – BBL.	GAS – OIL RATIO	
1-5-99	3 hours	3/4"	→	trace	61	trace		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATED	OIL – BBL.	GAS – MCF.	WATER – BBL.	OIL GRAVITY-API (CORR.)		
169	PKR.	→	trace					

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

Vented

TEST WITNESSED BY

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. Varquez

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.

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS ETC.	TOP		
				NAME	MEAS. DEPTH	TRUE VERT. DEI
Alamo	1542	1746	Water sand	Alamo	1542	
Pictured Cliffs	2265	2343	Gas sand	Pictured Cliffs	2265	
Chacra	2824	3200	Gas sand	Chacra	2824	
Mesa Verde	4518	5265	Gas sand	Mesa Verde	4518	
Gallup	5655	6153	Gas sand	Gallup	5655	
Dakota	6590	6781	Gas sand	Dakota	6590	
<div>HOLE DEVIATION</div> <div> 119' 328' 784' 1279' 1774' 2276' 2750' 3247' 3747' 4240' 4749' 5250' 5723' 6308' 6722' </div>				1 1/2°		
				1°		
				1/4°		
				1°		
				3/4°		
				1 3/4°		
				1 1/4°		
				3/4°		
				1°		
				1 1/4°		
				1/2°		
				3/4°		
				1°		
				1°		