

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 03354

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech "C"

9. WELL NO.

244 E

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA

Section 14, 26 North 6 West

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RENV. ☐ Other

2. NAME OF OPERATOR

Caulkins Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 780 Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1090' From West and 1520' From North

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 5-23-84 16. DATE T.D. REACHED 5-10-84 17. DATE COMPL. (Ready to prod.) 7-25-84 18. ELEVATIONS (OF R&B, RT, GR, ETC.)* 6605 Gr 19. ELEV. CASINGHEAD 6605

20. TOTAL DEPTH, MD & TVD 7575' 21. PLUG, BACK T.D., MD & TVD 7575' 22. IF MULTIPLE COMPL., HOW MANY* (2) Two 23. INTERVALS DRILLED BY 0-7575 ROTARY TOOLS CABLE TOOLS No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5444' to 4824' (Mesa Verde) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Neutron & Gas Spectrum Log 27. WAS WELL CORRED 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# H-40	412'	12 1/4"	215 sacks (254 Cu. Ft.)	None
5 1/2"	15.5 & 17#	7575'	7 7/8"	1350 sacks (2086 Cu. Ft.)	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/4"	5479'	5530'

31. PERFORATION RECORD (Interval, size and number)

1-.42-5444 1-.42-5334 1-.42-4824
1-.42-5422 1-.42-5298
1-.42-5390 1-.42-5294
1-.42-5370 1-.42-5288
1-.42-5358 1-.42-5276

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5444' to 4824'	80,000# 20-40 Sand and 1590 bbls. Gel Fluid

33. PRODUCTION

DATE FIRST PRODUCTION 8-1-84 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST 8-1-84 HOURS TESTED 3 Hours CHOKE SIZE 3/4" PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. 134 WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. 64 CASING PRESSURE 517 CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. 1076 WATER—BBL. OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY

Gas to be sold to Gas Company of New Mexico(Condensate to Shell Oil Co.)

35. LIST OF ATTACHMENTS

Complete cement records.

ACCEPTED FOR RECORD

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

SIGNED Charles E. Veyan TITLE Superintendent

DATE 8-10-84

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Alamo	2445	2551	Water Sand	Alamo	2445	2445
Pictured Cliffs	3019	3142	Gas Sand	Pictured Cliffs	3019	3019
Mesa Verde	4700	5448	Gas Sand	Mesa Verde	4700	4700
Gallup	6442	6782	Gas Sand	Gallup	6442	6442
Greenhorn	7186	7243	Gas Sand	Greenhorn	7186	7186
Dakota	7270	7548	Gas Sand	Dakota	7270	7270
Hole Deviation Test						
			Depth	Degrees		
			416	1/2		
			926	3/4		
			1442	1		
			1924	1		
			2423	1 1/2		
			2906	2		
			3141	1		
			3655	1		
			4165	1/2		
			4669	3/4		
			5173	3/4		
			5307	1		
			5802	1		
			6429	1		
			6940	1		
			7425	2		
			7575	1 3/4		

Ran 5 1/2" J-55 Smls 8rd thd Casing as follows:

0' to 973'	New 5 1/2"	17#	LT&C	J-55 Smls Casing
973' to 6539'	New 5 1/2"	15.5#	ST&C	J-55 Smls Casing
6539' to 7575'	New 5 1/2"	17#	ST&C	J-55 Smls Casing

Stage Tools run in Casing string at 5574' and 3401'.

Cement Baskets run on Casing string at 5721' and 3521'.

24 Centralizers run on Casing string at following points:

7531', 7487', 7458', 7444', 7401', 7315', 7272', 7228', 7184', 7141', 7098', 7055', 5677', 5594', 5539', 5516', 5472', 5431', 5391', 5354', 5312', 5268', 3445' and 3361'.

Cemented 5 1/2" Casing in three (3) Stages.

First Stage thru shoe at 7575' with 250 sacks (412.50 Cu.Ft.) Light Weigh 5 Plus 4% Gel, 12 1/4# Gilsonite per sack. Followed by 100 sacks (118 Cu.Ft.) Neat Cement.
Plug down 7:45 PM 6-9-84.

Second Stage cemented thru Stage Tool set at 5574' with 250 sacks (412.50 Cu.Ft.) Light Weigh 5 Plus 4% Gel, 12 1/4# Gilsonite per sack. Followed by 100 sacks (118 Cu.Ft.) Neat Cement.
Plug down 8:50 PM 6-9-84

Thrid Stage cemented thru Stage Tool set at 3401' with 550 sacks (907.50 Cu.Ft.) Light Weigh 5 Plus 4% Gel, 12 1/4# Gilsonite per sack. Followed by 100 sacks (118 Cu.Ft.) Neat Cement.
Plug down 11:45 PM 6-9-84.

Cement circulated on all three Stages.

Approx 5 bbls. slurry on first Stage.
Approx 2 bbls. slurry on second Stage.
Approx 7 bbls. slurry on third Stage.