

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐
2. NAME OF OPERATOR: Caulkins Oil Company
3. ADDRESS OF OPERATOR: P.O. Box 780 Farmington, N.M. 87401
4. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side):
At surface 990' F/N and 990' F/W
At top prod. interval reported below Same
At total depth Same

5. LEASE DESIGNATION AND SERIAL NO.
NM 03547
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
Breach "F"

10. FIELD AND POOL, OR WILDCAT
45-M

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

Section 35, 27N 6W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico

15. DATE SPUDDED 6-15-85 16. DATE T.D. REACHED 7-2-85 17. DATE COMPL. (Ready to prod.) 10-1-85 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 6577 GR 19. ELEV. CASINGHEAD 7650'

20. TOTAL DEPTH, MD & TVD 7650' 21. PLUG BACK T.D., MD & TVD 7650' 22. IF MULTIPLE COMPL., HOW MANY* (2) Two 23. INTERVALS DRILLED BY 0-7650 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4849' to 5481' (Mesa Verde) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Formation Density - Dual Induction SFL - Depth Correlation Log
27. WAS WELL CORDED No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>9 5/8"</u>	<u>36# H-40</u>	<u>426'</u>	<u>12 1/4"</u>	<u>260 Sacks (306.80 Cu.Ft.)</u>	<u>None</u>
<u>5 1/2"</u>	<u>15.5 & 17#</u>	<u>7650'</u>	<u>7 7/8"</u>	<u>1400 Sacks (2122 Cu.Ft.)</u>	<u>None</u>

29. LINER RECORD					30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					<u>1 1/4"</u>	<u>5456'</u>
						<u>5610'</u>

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
<u>1-.42-4849</u>	<u>1-.42-5229</u>	<u>1-.42-5481</u>	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>1-.42-4861</u>	<u>1-.42-5283</u>		<u>4849' to 5481'</u>	<u>82,400# 20-40 Sand and</u>
<u>1-.42-4863</u>	<u>1-.42-5425</u>			<u>1920 bbls Slick Water</u>
<u>1-.42-4888</u>	<u>1-.42-5431</u>			
<u>1-.42-4890</u>	<u>1-.42-5450</u>			

33. PRODUCTION							
DATE FIRST PRODUCTION <u>10-8-85</u>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>Flowing</u>				WELL STATUS (Producing or shut-in) <u>Shut-in</u>	
DATE OF TEST <u>10-8-85</u>	HOURS TESTED <u>3 Hours</u>	CHOKE SIZE <u>3/4"</u>	PROD'N. FOR TEST PERIOD <u>→</u>	OIL—BBL. <u>161</u>	GAS—MCF. <u>1289</u>	WATER—BBL. <u>79</u>	GAS-OIL RATIO <u>391</u>
FLOW. TUBING PRESS. <u>79</u>	CASING PRESSURE <u>391</u>	CALCULATED 24-HOUR RATE <u>→</u>	OIL—BBL. <u>→</u>	GAS—MCF. <u>→</u>	WATER—BBL. <u>→</u>	OIL GRAVITY-API (CORR.) <u>→</u>	

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

Gas to be sold to Gas Company of New Mexico (Condensate to Giant Refinery 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. Uyem TITLE Superintendent DATE 10-29-85

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

FARMINGTON RESOURCE AREA

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, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Alamo	2540	2643	Water Sand
Pictured Cliffs	3130	3232	Gas Sand
Mesa Verde	4842	5604	Gas Sand
Greenhorn	7270	7336	Gas Sand
Dakota	7364	7586	Gas Sand
Hole Deviation Test			
		Depth	Degrees
		426	1/2
		1221	1/2
		1736	3/4
		2178	1
		2712	1
		3719	3/4
		4217	3/4
		4715	3/4
		5228	1
		5610	1
		6193	3/4
		6645	3/4
		7138	1
		7221	1

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Alamo	2540	2540
Pictured Cliffs	3130	3130
Mesa Verde	4842	4842
Greenhorn	7270	7270
Dakota	7364	7364

Breech "F" 45-M

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

7650' to 6646'	(1004')	New 5 1/2"	17#	LT&C	K-55 Smls Casing
6646' to 1100'	(5546')	New 5 1/2"	15.5#	ST&C	K-55 Smls Casing
1100' to Surface	(1100')	New 5 1/2"	17#	LT&C	K-55 Smls Casing

Stage tools run in Casing at 5665' and 3296'.

Cement Baskets run on 5 1/2" Casing at 5708' and 3340'.

24 Centralizers run on Casing string at following points:

7593', 7551', 7512', 7471', 7428', 7386', 7344', 7302', 7261', 7220', 7180', 5752', 5623', 5579', 5536', 5495', 5453', 5410', 5367', 5326', 5283', 5247', 3379' and 3255'.

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

First Stage cemented thru Shoe at 7650' with 250 sacks (412.50 Cu.Ft.) Light Weigh 5 Plus 4% Gel and 12 1/4# Gilsonite per sack. Followed by 100 sacks (118 Cu.Ft.) Latex Cement.
Plug down 10:00 AM 7-3-85.

Second Stage Cemented thru Stage Tool set at 5665' with 250 sacks (412.50 Cu.Ft.) Light Weigh 5 Plus 4% Gel and 12 1/4# Gilsonite per sack. Followed by 200 sacks (238 Cu.Ft.) Latex Cement.
Plug down 11:30 AM 7-3-85.

Third Stage Cemented thru Stage Tool set at 3296' with 500 sacks (825 Cu.Ft.) Light Weigh 5 Plus 4% Gel and 12 1/4# Gilsonite per sack. Followed by 100 sacks (118 Cu.Ft.) Neat Cement.
Plug down 1:25 PM 7-3-85.

Cement circulated on all three Stages.

Approx 4 bbls slurry on first Stage.
Approx 7 bbls slurry on second Stage.
Approx 20 bbls slurry on third Stage.

