

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

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REINFR. ☐ Other ☐
3. NAME OF OPERATOR: Caulkins Oil Company
4. ADDRESS OF OPERATOR: P.O. Box 780 Farmington, New Mexico 87499
5. LOCATION OF WELL (Report location clearly and in accordance with State requirements)
At surface 990' F/N and 990' F/W
At top prod. interval reported below Same
At total depth Same

RECEIVED

OCT 11 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

RECEIVED

OCT 13 1985

OIL CON. DIV.
DIST. 3

6. LEASE DESIGNATION AND SERIAL NO.

NM 03547

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech "F"

9. WELL NO.

45-M

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

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 (OF, 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 ROTARY TOOLS: No CABLE TOOLS: No
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 7368' to 7582' (Dakota) 25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Formation Density - Dual Induction SFL - Depth Correlation 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	426'	12 1/4"	260 Sacks (306.80 Cu.Ft.)	None
5 1/2"	15.5 & 17#	7650'	7 7/8"	1400 Sacks (2122 Cu.Ft.)	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/2"	7499'	5610'

31. PERFORATION RECORD (Interval, size and number)

1-.42-7368 1-.42-7505 1-.42-7582
1-.42-7400 1-.42-7544
1-.42-7493 1-.42-7548
1-.42-7497 1-.42-7572
1-.42-7501 1-.42-7580

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7368' - 7582'	179,000# 20-40 Sand and 2620 bbls Cross Link Fluid

33. PRODUCTION

DATE FIRST PRODUCTION: 10-8-85 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Flowing WELL STATUS (Producing or shut-in): Shut-in
DATE OF TEST: 10-8-85 HOURS TESTED: 3 Hours CHOKER SIZE: 3/4" PROD'N. FOR TEST PERIOD: → OIL—BBL.: → GAS—MCF.: 313 WATER—BBL.: → GAS-OIL RATIO: →
FLOW. TUBING PRESS.: 165 CASING PRESSURE: PKR CALCULATED 24-HOUR RATE: → OIL—BBL.: → GAS—MCF.: 2506 WATER—BBL.: → OIL GRAVITY-API (CORR.): →

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 cementing 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. O'Ryan

TITLE

Superintendent

DATE

10-9-85

*(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.

NMOCC

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Alamo Pictured Cliffs Mesa Verde Greenhorn Dakota	2540	2643	Water Sand	Alamo	2540	2540
	3130	3232	Gas Sand	Pictured Cliffs	3130	3130
	4842	5604	Gas Sand	Mesa Verde	4842	4842
	7270	7336	Gas Sand	Greenhorn	7270	7270
	7364	7586	Gas Sand	Dakota	7364	7364
Note 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		
			5200	1		
			5610	1		
			6193	3/4		
			6645	3/4		
			7138	1		
			7221	1		

38. GEOLOGIC MARKERS

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.