

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐ OCT 23 1985

2. NAME OF OPERATOR: Caulkins Oil Company BUREAU OF LAND MANAGEMENT
3. ADDRESS OF OPERATOR: FARMINGTON RESOURCE AREA

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: P.O. Box 780 Farmington, New Mexico 87499
At top prod. interval reported below: 2056' F/N and 1197' F/W Same
At total depth: Same

14. PERMIT NO. OIL CON. DIV. DATE ISSUED
DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.

NM 03381

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech "B"

9. WELL NO.

220-M

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Section 14, 26N 7W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED: 8-3-85 16. DATE T.D. REACHED: 8-13-85 17. DATE COMPL. (Ready to prod.): 10 11 85 18. ELEVATIONS (OF. RKB, RT, GR, ETC.): 6112 GR 19. ELEV. CASINGHEAD: 6825

20. TOTAL DEPTH, MD & TVD: 6825' 21. PLUG BACK T.D., MD & TVD: 6825' 22. IF MULTIPLE COMPL., HOW MANY: Two (2) 23. INTERVALS DRILLED BY: 0-6825 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD): 6607' to 6783' (Dakota) 25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Formation Density - Dual Induction - Depth Correlation Log 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# H-40	419'	12 1/4"	250 Sacks(295 Cu.Ft.)	None
5 1/2"	15.5 & 17#	6825'	7 7/8"	1300 Sacks(2004 Cu.Ft.)	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/4"	6701'	4756'

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1-.42 6607	1-.42-6702	1-.42-6783	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1-.42-6613	1-.42-6747		6607' to 6783'	102,175 20 40 sand and
1 .42-6694	1-.42-6749			2801 bbls Cross Link Fluid
1-.42-6696	1-.42-6751			
1-.42-6700	1-.42-6753			

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-18-85		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-18-85	3 Hours	3/4"			211		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
107	PKR			1,685			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Gas is to be sold to Gas Co. of New Mexico(Condensate to Giant Refinery) TEST WITNESSED BY

35. LIST OF ATTACHMENTS: Complete cement records.

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

SIGNED: Charles Deyou TITLE: Superintendent DATE: 10-22-85

*(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.

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.	GEOLOGIC MARKERS		
					NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Alamo		1530	1734	Water Sand	Alamo	1530	1530
Pictured Cliffs		2248	2340	Gas Sand	Pictured Cliffs	2248	2248
Chacra		3161	3261	Gas Sand	Chacra	3161	3161
Mesa Verde		3910	4696	Gas Sand	Mesa Verde	3910	3910
Greenhorn		6492	6551	Gas Sand	Greenhorn	6492	6492
Dakota		6602	6788	Gas Sand	Dakota	6602	6602
				Hole Deviation Test			
				Depth			Degrees
				425			1/2
				948			1/2
				1474			3/4
				1976			3/4
				2478			3/4
				2970			1
				3527			1
				4027			1
				4531			1 1/4
				4805			1
				5318			1
				5821			3/4
				6316			3/4
				6825			1/2

220-M

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

6825' to 5814'	(1011')	New 5 1/2"	17#	LT&C	K-55 Smls Casing
5814' to 1215'	(4599')	New 5 1/2"	15.5#	ST&C	K-55 Smls Casing
1215' to Surface	(1215')	New 5 1/2"	17#	LT&C	K-55 Smls Casing

Stage Tools run in 5 1/2" Casing at 4938' and 2670'.

Cement Baskets run on 5 1/2" Casing at 4981' and 2713'.

24 Centralizers run on Casing string at following points:

6782', 6742', 6705', 6662', 6617', 6578', 6535', 6492', 6452', 6409', 6369', 6326', 5018', 4895', 4853', 4815', 4773', 4735', 4692', 4649', 4606', 4563', 2756' and 2629'.

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

First Stage cemented thru Shoe at 6825' 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 12:00 Midnight 8-13-85.

Second Stage cemented thru Stage Tool set at 4938' with 250 sacks (412.50 Cu.Ft.) Light Weigh 5 Plus 4% Gel and 12 1/4# Gilsonite per sack. Followed by 100 (118 Cu.Ft.) Latex Cement. Plug down 1:15 AM 8-14-85.

Third Stage cemented thru Stage Tool set at 2670' 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 2:45 AM 8-14-85.

Cement circulated on all three (3) Stages.

Approx 6 bbls slurry on first Stage.

Approx 5 bbls slurry on second Stage.

Approx 25 bbls slurry on third Stage.