

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 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

Blanco Mesa Verde

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

Section 14, 26N 7W

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

19. ELEV. CASINGHEAD

6112 GR

6825'

23. INTERVALS DRILLED BY

10-6825

25. WAS DIRECTIONAL SURVEY MADE

No

27. WAS WELL CORED

No

1. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☒

DRY ☐

Other

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

Other

OCT 23 1985

2. NAME OF OPERATOR

Caulkins Oil Company

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

3. ADDRESS OF OPERATOR

P.O. Box 780 Farmington, New Mexico 87499

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

At surface 2056' F/N and 1197' F/W

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

OCT 30 1985

OIL CON. DIV.
Dist. 3

15. DATE SPUDDED

8-3-85

16. DATE T.D. REACHED

8-13-85

17. DATE COMPL. (Ready to produce)

10 11-85

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

ROTARY TOOLS

CABLE TOOLS

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

4557' to 4674' (Mesa Verde)

26. TYPE ELECTRIC AND OTHER LOGS RUN

Formation Density - Dual Induction - Depth Correlation Log

29. 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

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1 1/4"	4642'	4756'

31. PERFORATION RECORD (Interval, size and number)

1-.42-4557 1-.42-4586 1-.42-4674
1-.42-4558 1-.42-4618
1-.42-4560 1-.42-4622
1-.42-4562 1-.42-4624
1-.42-4564 1-.42-4626

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4557' to 4674'	140,000# 20-40 Sand and 1710 bbls 20# Gel Fluid

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"	→		111			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
51	522	→		892				

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

TEST WITNESSED BY

Gas is to be sold to Gas Co. of New Mexico (Condensate to Giant Refinery)

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 W. [Signature]

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.

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	TOP VERT. DEPTH
Alamo	1530	1734	Water Sand	Alamo	1530	1530
Picture Cliffs	2248	2340	Gas Sand	Picture 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		

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.