

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

5. LEASE DESIGNATION AND SERIAL NO.

SF 079035-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech "A"

9. WELL NO.

625-E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Section 8, 26N 6W

12. COUNTY OR
PARISH

13. STATE

Rio Arriba New Mexico

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

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVR. ☐ 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 1590' F/S and 1000' F/W

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

7-19-85

16. DATE T.D. REACHED

7-31-85

17. DATE COMPL. (Ready to prod.)

9-24-85

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6496 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7420'

21. PLUG, BACK T.D., MD & TVD

7328'

22. IF MULTIPLE COMPL., HOW MANY*

(2) Commingled

23. INTERVALS DRILLED BY

0-7420

ROTARY TOOLS

CABLE TOOLS

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

7120' to 7299' (Dakota)

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction SFL - Formation Density - 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-4036	424'	7 7/8"	250 sacks (295 Cu.Ft.)	None
5 1/2"	15.5 & 17#	7328'	12 1/4"	1300 Sacks (2004 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"	7271'	5370'

31. PERFORATION RECORD (Interval, size and number)

1-.42-7120 1-.42-7230 1-.42-7299
1-.42-7124 1-.42-7246
1-.42-7214 1-.42-7262
1-.42-7218 1-.42-7290
1-.42-7220 1-.42-7294

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7120' to 7299'	128,000# 20-40 Sand and 2644 bbls. Cross Link Fluid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-1-85		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-1-85	3 Hours	3/4"	→		305		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
387	PKR	→		2,440			

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 Giant Refinery Co.)

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 E. Wagner TITLE Superintendent

DATE 10-3-85

*(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.
Alamo	2222	2308	Water Sand
Pictured Cliffs	2806	2900	Gas Sand
Chacra	3716	3828	Gas Sand
Mesa Verde	4512	5266	Gas Sand
Greenhorn	6993	7052	Gas Sand
Dakota	7100	7316	Gas Sand

Hole Deviation Test

Depth	Degrees
434	1 1/2
946	1 1/2
1479	1 1/2
2077	1
2581	1 1/4
3085	1 1/4
3579	1 1/2
4080	1 1/2
4400	1
4900	1
5412	1
5916	1 1/4
6419	1 1/4
6914	1
7012	3/4
7420	1

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Alamo	2222	2222
Pictured Cliffs	2806	2806
Chacra	3716	3716
Mesa Verde	4512	4512
Greenhorn	6993	6993
Dakota	7100	7100

625-E

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

7328' to 6298'	(1030')	New 5 1/2"	17#	LT&C	K-55 Smls Casing
6298' to 821'	(5477')	New 5 1/2"	15.5#	ST&C	K-55 Smls Casing
821' to Surface	(821')	New 5 1/2"	17#	LT&C	K-55 Smls Casing

Stage Tools run in 5 1/2" Casing at 5327' and 3849'.

Cement Baskets run on 5 1/2" Casing at 5369' and 3891'.

24 Centralizers run on Casing string at following points:

7290', 7248', 7206', 7164', 7123', 7083', 7041', 7000', 6959', 6919', 6879', 6837', 5411', 5385', 5242', 5202', 5160', 5117', 5077', 5034', 4992', 4950', 3934' and 3807'.

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

First Stage thru Shoe at 7328' 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 1:00 PM 8-1-85.

Second Stage Cemented thru Stage Tool set at 5327' 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 2:15 PM 8-1-85.

Third Stage Cemented thru Stage Tool set at 3849' 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 3:45 PM 8-1-85.

Cement circulated on all three Stages.

Approx 7 bbls slurry on first Stage.

Approx 5 bbls slurry on second Stage.

Approx 9 bbls slurry on third Stage.