

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 03553

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech "D"

9. WELL NO.

240-E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Section 15 26 North 6 West

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

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

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ 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 1733' From North and 1795' From West

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

6-28-84

7-16-84

8-2-84

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

6463 Gr

19. ELEV. CASINGHEAD

7435'

20. TOTAL DEPTH, MD & TVD

7435'

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

7435'

22. IF MULTIPLE COMPL., HOW MANY*

(2) Two

23. INTERVALS DRILLED BY ROTARY TOOLS

10-7435

CABLE TOOLS

No

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

7101' to 7354' (Dakota)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

ES Gamma Ray - Induction Log Gas Spectrum 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	385'	12 1/4"	275 sacks (319 Cu.Ft.)	None
5 1/2"	15.5 & 17#	7435'	7 7/8"	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"	7334'	5532'

31. PERFORATION RECORD (Interval, size and number)

1-.42-7101 1-.42-7251 1-.42-7354
1-.42-7112 1-.42-7284
1-.42-7120 1-.42-7305
1-.42-7233 1-.42-7321
1-.42-7237 1-.42-7350

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7101' to 7354'	200,000# 20-40 Sand and 2719 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)	
		Flowing					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
8-9-84	3 Hours	3/4"	→		173			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
86	PKR	→		1,388				

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

Gas to be sold to Gas Company of New Mexico (Condensate to Shell Oil 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 Dwyer TITLE Superintendent

DATE 8-22-84

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Alamo	2214	2311	Water Sands
Pictured Cliffs	2848	2914	Gas Sands
Mesa Verde	4640	5286	Gas Sands
Greenhorn	7008	7064	Gas Sands
Dakota	7094	7356	Gas Sands
Hole Deviation Test			
		Depth	Degrees
		385	1/2
		915	1
		1423	1 1/4
		2000	1 1/2
		2394	1 1/4
		2900	1 1/2
		2974	1
		3461	1
		4028	1 1/4
		4171	1 1/4
		4664	1
		5136	1
		5643	1
		6369	1/2
		6869	3/4
		7248	1/2
		7435	1/2

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Alamo	2214		2214
Pictured Cliffs	2848		2848
Mesa Verde	4640		4640
Greenhorn	7008		7008
Dakota	7094		7094

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

7435' to 6361'	(1074')	5 1/2" 17# j_55 Smls 8rd thd ST&C
6361' to 703'	(5658')	5 1/2" 15.5# J-55 Smls 8rd thd ST&C
703' to Surface	(703')	5 1/2" 17# J-55 Smls 8rd thd LT&C

Stage Tools run on Casing string at 5541' and 3312'.

Cement Baskets run on Casing string at 5580' and 3352'.

24 Centralizers run on Casing string at following points:

7392', 7349', 7306', 7262', 7222', 7179', 7135', 7092', 7049', 7005', 6961', 6918', 5576', 5493', 5451', 5409', 5368', 5326', 5284', 5242', 5200', 5163', 3272' and 3149'.

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

First Stage thru Shoe at 7435' with 412.50 Cu.Ft. (250 Sacks) 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 118 Cu.Ft. (100 Sacks) Neat Cement.
Plug down first stage 8:00 AM 7-17-84.

Second Stage cemented thru stage tool set at 5541' with 412.50 Cu.Ft. (250 Sacks) 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 118 Cu.Ft. (100 Sacks) Neat Cement.
Plug down second stage 9:15 AM 7-17-84.

Third Stage cemented thru Stage Tool set at 3312' with 825 Cu.Ft. (500 Sacks) 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 118 Cu.Ft. (100 Sacks) Neat Cement.
Plug down thrid stage 10:45 AM 7-17-84.

Cement circulated on all three stages.

Approx 10 bbls slurry on first stage.
Approx 15 bbls slurry on second stage.
Approx 15 bbls slurry on third stage.