

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*

RECEIVED
AUG 16 1984

5. LEASE DESIGNATION AND SERIAL NO.

NM 03551

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Breech "E"

9. WELL NO.

58-M

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

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

Section 3, 26 North 6 West

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

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

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVR. ☐

2. NAME OF OPERATOR

Caulkins Oil Company

OIL CON. DIV.

DIST. 3

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

990' From South and 1120' From East

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

6-10-84

16. DATE T.D. REACHED

6-26-84

17. DATE COMPL. (Ready to prod.)

7-24-84

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

6587' Gr.

19. ELEV. CASINGHEAD

7600'

20. TOTAL DEPTH, MD & TVD

7600'

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

7600'

22. IF MULTIPLE COMPL., HOW MANY*

(2) Two

23. INTERVALS DRILLED BY

ROTARY TOOLS

0 7600

CABLE TOOLS

No

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

5198' to 5490' (Mesa Verde)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

ES Gamma Ray 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	390'	12 1/4"	250 sacks(295 Cu.Ft.)	None
5 1/2"	15.5 & 17#	7600'	7 7/8"	1350 sacks(2086Cu.Ft.)	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/4"	5507'	5580'

31. PERFORATION RECORD (Interval, size and number)

1-.42-5490	1-.42-5396	1-.42-5288
1-.42-5478	1-.42-5375	1-.42-5226
1-.42-5446	1-.42-5339	1-.42-5198
1-.42-5415	1-.42-5304	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5490' to 5198'	60,000# 20-40 Sand and 1349 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)	
7-31-84		Flowing					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
7-31-84	3 Hours	3/4"	→		214			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)		
109	514	→		1,713				

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 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 E. Vergara TITLE Superintendent

ACCEPTED FOR RECORD

*(See Instructions and Spaces for Additional Data on Reverse Side)

AUG 15 1984

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.

FARMINGTON RESOURCE AREA

CM

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	TRUE VERT. DEPTH
Alamo	2461'	2604'	Water Sand	Alamo	2461'	2461'
Pictured Cliffs	3074'	3144'	Gas Sand	Pictured Cliffs	3074'	3074'
Mesa Verde	4756'	5496'	Gas Sand	Mesa Verde	4756'	4756'
Greenhorn	7186'	7238'	Marker Sand	Greenhorn	7186'	7186'
Dakota	7264'	7509'	Gas Sand	Dakota	7264'	7464'
Hole Deviation Test						
			Depth	Degrees		
			385	1		
			1412	1 1/4		
			2018	1 1/2		
			2639	1 1/4		
			3173	1 1/4		
			3697	1 1/4		
			4207	1		
			4705	1		
			4942	1		
			5461	1		
			5941	3/4		
			6289	1/4		
			6782	1/4		
			7285	1/4		
			7544	1/2		

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

7600' to 6591'	(1009')	New 5 1/2"	17#	ST&C	J-55 Smls Casing
6591' to 1009'	(5582')	New 5 1/2"	15.5#	ST&C	J-55 Smls Casing
1009' to Surface	(1009')	New 5 1/2"	17#	LT&C	J-55 Smls Casing

Stage Tools run in Casing string at 5529' and 3442'.

Cement Baskets run on Casing string at 5613' and 3525'

24 Centralizers run on Casing string at following points:

7555', 7513', 7469', 7424', 7381', 7343', 7302', 7259', 7216', 7173', 7130', 7090', 7047', 5573', 5488', 5446', 5403', 5360', 5318', 5276', 5234', 5192', 3483' and 3399'.

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

First Stage cemented thru shoe set at 7600' with 250 sacks (412.50 Cu.Ft.) Light Weigh 5 Plus 4% Gel, 12 14# Gilsonite per sack. Followed by 100 sacks (118 Cu.Ft.) Neat Cement. Plug down 5:30 PM 6-27-84.

Second Stage cemented thru Stage Tool set at 5529' with 250 sacks (412.50 Cu.Ft.) Light Weigh 5 Plus 4% Gel, 12 1/4# Gilsonite per sack. Followed by 100 sacks (118 Cu.Ft.) Neat Cement. Plug down 6:45 PM 6-27-84

Third Stage cemented thru Stage Tool set at 3442' with 550 sacks (907.50 Cu.Ft.) Light Weigh 5 Plus 4% Gel, 12 1/4# Gilsonite per sack. Followed by 100 sacks (118 Cu.Ft.) Neat Cement. Plug down 8:45 PM 6-27-84.

Cement circulated on all three Stages.

Approx 7 bbls. slurry on first Stage.
Approx 2 bbls. slurry on second Stage.
Approx 25 bbls. slurry on third Stage.