

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

RECEIVED
OCT 09 1984

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

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other

3. NAME OF OPERATOR: Caulkins Oil Company

4. ADDRESS OF OPERATOR: P.O. Box 780 Farmington, New Mexico 87499

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

At surface 1520' From South and 990' From East

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 5-5-84 16. DATE T.D. REACHED 5-22-84 17. DATE COMPL. (Ready to prod.) 9-20-84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6723 Gr 19. ELEV. CASINGHEAD 7630'

20. TOTAL DEPTH, MD & TVD 7630' 21. PLUG BACK T.D., MD & TVD 7630' 22. IF MULTIPLE COMPL., HOW MANY* (2) Two 23. INTERVALS DRILLED BY ROTARY TOOLS 0-7630 CABLE TOOLS No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7274' to 7486' (Dakota) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Neutron & Gas Spectrum Logs 27. WAS WELL CORDED 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"	275 Sacks (310 Cu.Ft.)	None
5 1/2"	15.5 & 17#	7630'	7 7/8"	1350 Sacks (2086 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"	7375'	5490'

31. PERFORATION RECORD (Interval, size and number)

1-.42-7274 1-.42-7398 1-.42-7486
1-.42-7282 1-.42-7402
1-.42-7298 1-.42-7446
1-.42-7322 1-.42-7470
1-.42-7394 1-.42-7474

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7274' to 7486	200,000# 20-40 Sand and 2734 bbls Cross Linking Fluid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
9-27-84		Flowing					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
9-27-84	3 Hours	3/4"	→		262			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)		
1730	PKR	→		2096				

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 Vergara TITLE Superintendent

DATE 9-27-84

FARMINGTON RESOURCE AREA

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

RV

Sm

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	2344	2561	Water Sand
Pictured Cliffs	3146	3237	Gas Sand
Mesa Verde	4776	5478	Gas Sand
Greenhorn	7175	7257	Gas Sand
Dakota	7212	7489	Gas Sand

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Alamo	2344	2433
Pictured Cliffs	3146	3146
Mesa Verde	4776	4776
Greenhorn	7175	7175
Dakota	7212	7212

Hole Deviation Test

Depth	Degrees
390	1/4
895	3/4
1403	3/4
1905	3/4
2420	1/2
2819	1 1/2
3130	1 3/4
3645	1 3/4
3973	1 3/4
4164	1 3/4
4513	1
5023	1
5423	1
5885	3/4
6374	3/4
6879	3/4
7383	3/4
7600	1

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

7630' to 6622'	(1007.84 24 Joints)	New 5 1/2"	17#	ST&C	J-55 Smls Casing
6622' to 1040'	(5581.59' 133 Joints)	New 5 1/2"	15.5#	ST&C	J-55 Smls Casing
1040' to Surface	(1030.98' 25 Joints)	New 5 1/2"	17#	LT&C	J-55 Smls Casing

Stage Tools run in Casing at 5622' and 3165'.

Cement Baskets run on Casing string at 5665' and 3178'.

24 Centralizers run on Casing string at following points:

7587', 7544', 7501', 7458', 7415', 7371', 7328', 7285', 7241', 7197', 7154', 7113', 5583', 5453', 5369', 5327', 5282', 5241', 5198', 5155', 5111', 5067', 3149' and 3019'.

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

First Stage thru shoe at 7630' with 250 sacks (412.50 Cu.Ft.) 50-50 Poz, 6% Gel containing 12 1/2# Gilsonite per sack followed by 100 sacks (118 Cu.Ft.) Neat Cement.
Plug down 5:10 PM 5-22-84.

Second Stage cemented thru Stage Tool set at 5622' with 250 sacks (412.50 Cu.Ft.) 50-50 Poz, 6% Gel containing 12 1/2# Gilsonite per sack followed by 100 sacks (118 Cu.Ft.) Neat Cement.
Plug down 6:30 PM 5-22-84

Third Stage cemented thru Stage Tool set at 3165' with 550 sacks (907.50 Cu.Ft.) 50-50 Poz, 6% Gel containing 12 1/2# Gilsonite per sack followed by 100 sacks (118 Cu.Ft.) Neat Cement.
Plug down 7:45 PM 5-22-84.

Cement circulated on all three Stages.

Approx 5 bbls slurry on first Stage.
Approx 2 bbls slurry on second Stage.
Approx 20 bbls slurry on third Stage.