

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other _____						5. LEASE DESIGNATION AND SERIAL NO. MM 03553									
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME									
2. NAME OF OPERATOR Caulkins Oil Company						7. UNIT AGREEMENT NAME									
3. ADDRESS OF OPERATOR P.O. Box 340, Bloomfield, New Mexico						8. FARM OR LEASE NAME Breech "D"									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1730 from the North and 1350 from the West At top prod. interval reported below Same At total depth Same						9. WELL NO. 358									
14. PERMIT NO. _____ DATE ISSUED _____						10. FIELD AND POOL, OR WILDCAT South Blanco PC									
15. DATE SPUDDED 5-28-77 16. DATE T.D. REACHED 6-4-77 17. DATE COMPL. (Ready to prod.) 6-19-77 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6634 Gr. 19. ELEV. CASINGHEAD 6635						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 21 26 N 6W									
20. TOTAL DEPTH, MD & TVD 4000 21. PLUG, BACK T.D., MD & TVD 4000 22. IF MULTIPLE COMPL., HOW MANY* TWO 23. INTERVALS DRILLED BY → 0-4000						12. COUNTY OR PARISH Rio Arriba New Mexico									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2937 to 3018 Pictured Cliffs						13. STATE New Mexico									
25. WAS DIRECTIONAL SURVEY MADE No						26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric									
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					
8 5/8"		24		145'		12 1/4"		150 sacks		None					
4 1/2"		10.5		4000'		7 7/8"		765 sacks		None					
29. LINER RECORD						30. TUBING RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										1"		2937		3033	
31. PERFORATION RECORD (Interval, size and number) 2937, 2943, 2947, 2954, 2994, 3000, 3005 3010 and 3018 One .32 Dia. Hole at each						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 2937-3018 AMOUNT AND KIND OF MATERIAL USED Frac'd with 40,000# 20-40 sand and 1083 bbls. water									
33. PRODUCTION															
DATE FIRST PRODUCTION 7-5-77				PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) Shut in					
DATE OF TEST 7-5-77		HOURS TESTED 3 hrs.		CHOKE SIZE 3/4		PROD'N. FOR TEST PERIOD →		OIL—BBL. 104		GAS—MCF. 635		WATER—BBL.		GAS-OIL RATIO	
FLOW. TUBING PRESS. 47		CASING PRESSURE 430		CALCULATED 24-HOUR RATE →		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented															
35. LIST OF ATTACHMENTS															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED <u>Charles Vergara</u>				TITLE <u>Superintendent</u>				DATE <u>7-12-77</u>							

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

Now 4 1/2" 10.5# H-40 casing cemented at 4000' with 445 sacks 65-35-12 Gel cement followed by 320 sacks Neat. Plug down 2:30 PM 6-4-77. Cement did circulate to surface.

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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Alamo Pictured Cliffs Chacra	2300 2925 3843	2455 3022 3952	Water Sand Gas sand Gas Sand	Alamo Pictured Cliffs Chacra	2300 2925 3843	2300 2925 3843
Hole Deviation Tests (DeGrees)						
240		1/2				
653		1/2				
1242		3/4				
1323		1				
1828		1				
2045		1 1/2				
2526		1				
3070		1 1/4				
3307		1 3/4				
3490		2				
4000		2				