

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 ☐	Oil/Gas Dual	
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	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, depth, and in accordance with any State requirements)* At surface 990' PNL and 1090' PNL, Section 12-26N-6W At top prod. interval reported below approximately same as above At total depth approximately same as above							
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED 7-7-64		16. DATE T.D. REACHED 8-5-64		17. DATE COMPL. (Ready to prod.) 10-28-64		18. ELEVATIONS (OF RKB, RT, GB, ETC.)* KB 6700', CL 6687	
19. ELEV. CASINGHEAD 6687		20. TOTAL DEPTH, MD & TVD 7750		21. PLUG, BACK T.D., MD & TVD 7709		22. IF MULTIPLE COMPL., HOW MANY* two	
23. INTERVALS DRILLED BY p to 7750		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota Sand 7456 to 7685		25. WAS DIRECTIONAL NO		26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger Induction-Electric, Gamma Ray, Sonic, Caliper	
27. WAS WELL CORED no		28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9-5/8" OD		32.75#		456		13-3/4"	
5-1/2" OD		17.00#		0-1009		7-7/8"	
		15.50#		1009-6912			
		17.00#		6912-7748			
29. LINER RECORD		30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
						SCREEN (MD)	
1-1/4"		6961		7436			
2-3/8"		to 7436					
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
7456-70 28 holes .56" diameter		DEPTH INTERVAL (MD)					
7488-98 20 holes .56" diameter		AMOUNT AND KIND OF MATERIAL USED					
7514-18 8 holes .56" diameter		7660 to 7685 60,000# sand, 65,436 gal. water					
7586-02 64 holes .56" diameter		7586 to 7602 60,000# sand, 67,704 gal. water					
7660-85 100 holes .56" diameter		7436 to 7518 60,000# sand, 67,200 gal. water					
33.* PRODUCTION							
DATE FIRST PRODUCTION 9-26-64		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow				WELL STATUS (Producing or shut-in) shut in	
DATE OF TEST 9-26-64		HOURS TESTED 3		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO 642.625	
FLOW. TUBING PRESS. 365		CASING PRESSURE 2400-1030		CALCULATED 24-HOUR RATE →		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Gas vented during test		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 <i>Frank W. Gray</i>		TITLE <i>Superintendent</i>		DATE <i>November 9, 1964</i>			

*(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 83, 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.)

CEMENTING 5 1/2" CASING: Cemented through slots with 600 sacks 4 1/2 gel cement containing 12 1/2# Gilsenite per sack followed by 100 sacks latex cement. Temperature survey showed top of cement at 4790'. DV collar in string at 5318 did not function properly but opened and closed successfully after which it held 3500# water pressure 30 minutes without loss. After fracturing and testing the Dakota and Tecito zones the 5 1/2" casing was perforated with 4 holes at 4700 and cemented with 290 sacks 12 1/2 gel cement followed by 100 sacks neat. After drilling cement, these perforations held 2000# water

37. SUMMARY OF POROUS ZONES: pressure for 15 minutes without loss
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
Manatee Tecito Dakota " " " "	4893	5006	Gas sand per Schlumberger analysis	Pictured Cliffs Cliff House Pointe Leokent Tocito Dakota	3223 4923 5444 6961 7459			
	6971	6993	Oil Sand					
	7457	7470	Gas Sand					
	7482	7495	" "					
	7514	7517	" "					
	7586	7610	" "	1 1/2 @ 2300, 1 1/2 @ 2592, 2 @ 2824, 1 1/2 @ 3248, 1 1/2 @ 3370, 1 1/2 @ 3700, 1 @ 4100, 2 @ 4286, 1 1/2 @ 4575, 1 1/2 @ 5025, 1 1/2 @ 5385, 1-3/4 @ 5850, 1 1/2 @ 6265, 1 1/2 @ 6407, 1 1/2 @ 7020, 2 @ 7506				
	7657	7682	" "					

DEVIATION RECORD (Degrees):

1 @ 470, 1 @ 967, 1 @ 1440, 1 1/2 @ 1812, 1 1/2 @ 2300, 1 1/2 @ 2592, 2 @ 2824, 1 1/2 @ 3248, 1 1/2 @ 3370, 1 1/2 @ 3700, 1 @ 4100,
2 @ 4286, 1 1/2 @ 4575, 1 1/2 @ 5025, 1 1/2 @ 5385, 1-3/4 @ 5850, 1 1/2 @ 6265, 1 1/2 @ 6407, 1 1/2 @ 7020, 2 @ 7506