

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions 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 ☐

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
Post Office Box 780, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 660' F/N and 760' F/W

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH Rio Arriba 13. STATE New Mexico

15. DATE SPUDDED 10-30-52 16. DATE T.D. REACHED 10-10-81 17. DATE COMPL. (Ready to prod.) 11-6-81 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6411 Gr 19. ELEV. CASINGHEAD 6411

20. TOTAL DEPTH, MD & TVD 7375 21. PLUG BACK T.D., MD & TVD 7375 22. IF MULTIPLE COMPL., HOW MANY* Two 23. INTERVALS DRILLED BY 0-7375 ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Mesa Verde 5112 to 5278 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN ES Induction-Gamma Ray 27. WAS WELL CORED No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	23#	6568	8 3/4	200 + 938	None
4 1/2"	11.6#	7375	6 1/8	150	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	6157	7375	150		1 1/4"	5450	5971

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
one .40 hole at following:		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5112, 5132, 5139, 5177, 5188, 5228 5236, 5244 and 5278		5112-5278	105,200# 20-40 sand and 1698 bbls. 20# Gel water

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-27-81		Flowing				Shut In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-27-81	3	3/4			185		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
93	613			1,486			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY

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 Charles E. Vugner TITLE Superintendent DATE 11-30-81 FARMINGTON DISTRICT

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

NR0000

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 33.

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 10: 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.)

TD 7375 Cemented 4 $\frac{1}{2}$ " 11.6# Liner 6157 to 7375' with 150 sacks Latex cement. Plug down 5:20PM 10-10-81. Cement circulated to top of liner. Perforated and fractured Dakota zone 10-16-81. Flowed Dakota zone to clean up. 10-20-81 set drillable bridge plug at 6949 then perforated cement holes at 5132, 4822 & 3862. Set Cement retainer at 5082 then cemented 7" csg. 5132 to 4822 with 50 sacks latex cement. Plug down 12:10 PM 10-20-81. Cement circulated to 4822. /Set cement retainer at 4764 then cemented 4822 to 3862 with 245 sacks neat cement Plug down 11:35 AM

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
10-21-81. Cement circulated to 3862. 50-50 poz, 12½% Gilsonite, 6% Gel followed by 100 sacks neat. Plug down 3;30 PM 10-22-81. Survey shows top of cement at 1000'.						Set retrievable packer at 3805 then cemented 3862 to surface. with 543 sacks 10-21-81. Temperature Survey run
Alamo	2208	2292	Water Sand	Alamo	2208	2208
Pictured Cliffs	2834	2861	Gas Sand	Pictured Cliffs	2834	2834
Mesa Verde	4512	5245	Gas Sand	Mesa Verde	4512	4512
Dakota	7060	7373	Gas Sand	Dakota	7060	7060
Hole Deviation Tests (Degrees)						
6492	1					
6697	1 1/4					
7210	1 1/4					
7375	1 1/4					