

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. NM 03381	
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 "B"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 930 from the North and 800 from the West At top prod. interval reported below Same At total depth Same						9. WELL NO. 121	
14. PERMIT NO. _____ DATE ISSUED _____						10. FIELD AND POOL, OR WILDCAT Otero Chacra	
15. DATE SPUDDED 6-28-77						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 7 26N 6W	
16. DATE T.D. REACHED 7-4-77						12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 8-6-77						13. STATE New Mexico	
18. ELEVATIONS (OF RSB, RT, GR, ETC.)* 6600 Gr.						19. ELEV. CASINGHEAD 6602	
20. TOTAL DEPTH, MD & TVD 3950		21. PLUG, BACK T.D., MD & TVD 3950		22. IF MULTIPLE COMPL., HOW MANY* Two		23. INTERVALS DRILLED BY ROTARY TOOLS 0-3950	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3822-3912 Chacra						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN ES Induction						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		24#		143		12 1/4	
4 1/2"		10.5#		3950		7 7/8	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
1 1/4		3850		2980			
31. PERFORATION RECORD (Interval, size and number) One .32 Dia hole at each point 3822, 3829, 3837, 3847, 3906 3912							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
3822-3912				Fractured with 50,000# 20-40 sand and 1367 bbls water			
33. PRODUCTION							
DATE FIRST PRODUCTION 8-13-77		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut In	
DATE OF TEST 8-13-77		HOURS TESTED 3 Hrs.		CHOKE SIZE 3/4		PROD'N. FOR TEST PERIOD →	
FLOW, TUBING PRESS. 30		CASING PRESSURE PKR		CALCULATED 24-HOUR RATE →		OIL—BBL. 595	
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 <i>Charles J. Dyre</i>		TITLE Superintendent				DATE 8-17-77	

*(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.)

New 4 1/2" 10.5# H-40 Casing ran to 3950 and cemented with 420 sacks 65-35-12 Gel cement followed by 290 sacks Neat. Plug down 4:30 AM 7-5-77.

Calculated cement top 400' from surface.

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; COILED 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 TOP	TRUE VERT. DEPTH
amo ctured Cliffs acra	2320 2900 3816	2378 2960 3914	Water Sand Gas Sand Gas Sand	Alamo Pictured Cliffs Chacra	2320 2900 3816	2320 2900 3816
Hole Deviations			Test (Degrees)			
140			1/2			
649			1			
1206			3/4			
1630			1			
2152			1 1/4			
2676			1 1/2			
2850			2			
3415			2			
3850			2			
3950			2			