

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 03554	
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 780 Farmington, New Mexico				8. FARM OR LEASE NAME Breech C	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 900 from the North and 1090 from the East At top prod. interval reported below same At total depth same				9. WELL NO. 644	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT South Blanco PC	
15. DATE SPUDDED 7-7-78 16. DATE T.D. REACHED 7-14-78 17. DATE COMPL. (Ready to prod.) 8-9-78 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6639 Gr 19. ELEV. CASINGHEAD 6689				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 12 26N 6W	
20. TOTAL DEPTH, MD & TVD 3380 21. PLUG BACK T.D., MD & TVD 3380 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS _____ CABLE TOOLS _____				12. COUNTY OR PARISH Rio Arriba N Mex	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3234 to 3341				13. STATE N Mex	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Neutron				25. WAS DIRECTIONAL SURVEY MADE no	
27. WAS WELL CORED no					
29. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
8 5/8"		24.7	104	12 1/4"	100 sks
4 1/2"		10.5	3380	7 7/8"	600 sks
30. TUBING RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	PACKER SET (MD)
1"					
31. PERFORATION RECORD (Interval, size and number)					
3234 3261 3298		15 holes .38 dia			
3239 3264 3312					
3243 3269 3321					
3248 3275 3326					
3256 3290 3341					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
3234-3341		60,000# 20-40 sand and 1496 bbls water			
33.* PRODUCTION					
DATE FIRST PRODUCTION 8-16-78		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut-in
DATE OF TEST 8-16-78	HOURS TESTED 3 hrs	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 162	GAS—MCF. 1303
FLOW. TUBING PRESS. 80	CASING PRESSURE 690	CALCULATED 24-HOUR RATE →	OIL—BBL. 1303	GAS—MCF. 1303	WATER—BBL. 1303
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>Danaye Blumett</u>		TITLE <u>Prod. Foreman</u>		DATE <u>8-30-78</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.)

New 4 1/2" 10.5# J-55 8rd thd casing cemented at TD 3380' with 500 sacks 50-50-poz, 6% Gel, 12 1/2# Gilsomite per sack followed by 100 sacks Neat.

Plug down 1:30pm 7-14-78. Cement circulated to surface.

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORDED 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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Alamo	2660	2751	water sand	Alamo	2660	2660
Pictured Cliffs	3228	3342	gas sand	Pictured Cliffs	3228	3228
Hole Deviation Tests (Degrees)						
104	1/4					
650	1/4					
1109	1/4					
1605	1/4					
2128	1/4					
2618	1/2					
3172	1/2					
3380	1/2					