

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 03733			
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			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 830 from the North and 830 from the East At top prod. interval reported below same At total depth same				9. WELL NO. 228			
14. PERMIT NO.				13. STATE N Mex.			
15. DATE SPURRED 4-13-78				12. COUNTY OR PARISH Rio Arriba			
16. DATE T.D. REACHED 5-1-78				19. ELEV. CASINGHEAD 6384			
17. DATE COMPL. (Ready to prod.) 6-20-78				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6384 Gr			
20. TOTAL DEPTH, MD & TVD 7325'				23. INTERVALS DRILLED BY 10-7325			
21. PLUG, BACK T.D., MD & TVD 7325'				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6979-7194 Dakota			
22. IF MULTIPLE COMPL., HOW MANY*				25. WAS DIRECTIONAL SURVEY MADE No			
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric Gamma Ray Neutron				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"		36#		378'		13 3/4"	
7"		23#		0 to 6311		7 7/8"	
7		26#		6311 to 7325		7 7/8"	
						25 7 7/8"	
						955 sacks	
						None	
						None	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		7115'		5101'			
31. PERFORATION RECORD (Interval, size and number)							
7194 7153 7118 7027 6979							
7176 7149 7104 7018							
7172 7145 7095 7013 21 holes							
7165 7141 7088 7004 .32 dia.							
7156 7124 7032 6996							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
6979-7194				62,000#20/40 sand 2070 bbls water			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
Well shut in		for Packer and Potential Tests.					
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
Information will be sent when available.							
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							
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		TITLE		DATE			
D. J. Blanchard		Prod. Foreman		6-23-78			

*(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 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 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 23. 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.)

Ran 7" 23# J-55 casing 0-6311, 7" 26# J-55 ST&C 6311 to 7325.

Cementing Record- Thru shoe at 7325' with 150sacks CLASS "B", 50/50 Poz, 6% Gel, 12 1/2# Gils per sack followed by 125 sacks Latex. 2nd stage cemented thru tool at 5170' with 165 sacks Class "B" cement, 50/50 Poz, 6% Gel, 12 1/2# Gils per sack followed by 100 sacks Neat cement. 3rd stage thru tool at 2809' with 325 sacks 50/50 Poz, 6% Gel, 12 1/2 # Gils per sacks followed by 100 sacks Neat Cement. Used Peto scratchers 7196 to 6864, 5087 to 4751, 3708 to 3541, 2766 to 2600. Centralizers @ 7196, 5087, 3708, 2766, 2600.

Geologic Markers

Geologic Markers

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	2712	2768	Gas Sand	Pictured Cliffs	2712	2712
Chacra	3592	3698	Gas Sand	Chacra	3592	3592
Mesa Verde	4376	5068	Gas Sand	Cliff House	4376	4376
Graneros	6990	7012	Gas Sand	Point Lookout	4992	4992
Dakota	7114	7248	Gas Sand	Graneros	6990	6990
Hole Deviation Tests (Degrees)	378			Dakota	7114	7114
	901		6784	Morrison	7296	7296
	1414		6915			
	2172		7325			
	2671					
	3170					
	3670					
	3723					
	4170					
	4670					
	4784					
	5284					
	5784					
	6284					