

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 03551	
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 Post Office Box 780, Farmington, New Mexico		8. FARM OR LEASE NAME Breech "E"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990 F/W and 2075 F/S of section 3-26N-6W At top prod. interval reported below Same At total depth Same		9. WELL NO. 89	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
DATE ISSUED		11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA Section 3 26N 6W	
15. DATE SPUNDED		12. COUNTY OR PARISH Rio Arriba	
16. DATE T.D. REACHED		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, BKB, RT, GR, ETC.)*	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD	
21. PLUG, BACK T.D., MD & TVD		22. IS M.D. DEEPER THAN L.D.?	
23. INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)	
25. WAS DIRECTIONAL SURVEY MADE		26. TYPE ELECTRIC AND OTHER LOGS RUN	
27. WAS WELL CORED		28. Schlumberger Induction Electric	
CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9 5/8"	32.30	462	13 3/4"
4 1/2"	10.5 & 11.6	7550	7 7/8"
CEMENTING RECORD		AMOUNT PULLED	
350		None	
700		None	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8	7234	None	
31. PERFORATION RECORD (Interval, size and number)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
7222-7228		12 holes .52 dia.	
7236-7262		52 holes .52 dia.	
7354-7374		80 holes .52 dia.	
7406-7419		52 holes .52 dia.	
7430-7442		48 holes .52 dia.	
7476-7492		64 holes .52 dia.	
7406-7492		60,000 sand, 55,680 gals. water	
7354-7374		60,000 sand, 59,850 gals. water	
7222-7262		60,000 sand, 57,540 gals. water	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
10-25-67		Flowing	
DATE OF TEST		WELL STATUS (Producing or shut-in)	
10-25-67		Shut In	
HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.
3	3/4"	725	GAS—MCF.
WATER—BBL.	GAS-OIL RATIO	OIL GRAVITY-API (CORR.)	
394	2420-1307	5797	
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

TITLE

Production Foreman

DATE 10-31-67

*(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.)

Record of cementing 4 1/2" casing:

Through shoe with 150 sacks 12% gel cement followed by 100 sacks latex cement.

Through stage collar at 5414 with 350 sacks 12% gel cement followed by 100 sacks neat. All cement in first and second stages except latex cement contained 12% glsasonite per sack.

Used Roto scratchers 7200 to 7520. Centralizers at 7403, 7306, 7209, 7113, 5446, and 5383.

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

DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Pictured Cliffs	2980	3070	Gas sand
Tocito	6748	6768	Oil sand
Graneros	7210	7300	Gas sand
Dakota	7351	7500	Gas Sand
Hole Deviation Tests (degrees)			
Depth	Degrees	Depth	Degrees
462	1 1/4	4171	3/4
962	1	4486	1/4
1462	1/2	4868	1/2
1962	1/4	5442	1/4
2527	0	5730	3/4
3038	1/4	6268	3/4
3250	1/4	6635	1 1/4
3778	1/4	7135	3/4
3858	1/2	7250	3/4
		7507	3/4

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliffs	2980		2980
Cliff House	4696		4696
Menefee	4736		4736
Point Lookout	5245		5245
Greenhorn	7060		7060
Graneros	7210		7210
Dakota	7351		7351
Morrison	7526		7526