

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. <u>03553</u>	
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 <u>Caulkins Oil Company</u>										7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <u>P.O. Box 340, Bloomfield, New Mexico</u>										8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>1780 from the North and 1850 from the West</u> At top prod. interval reported below <u>Same</u> At total depth <u>Same</u>										9. WELL NO. <u>358</u>	
14. PERMIT NO. _____ DATE ISSUED _____										10. FIELD AND POOL, OR WILDCAT <u>Otero Chacra</u>	
15. DATE SPUDDED <u>5-28-77</u> 16. DATE T.D. REACHED <u>6-4-77</u> 17. DATE COMPL. (Ready to prod.) <u>6-19-77</u> 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <u>6684 Gr.</u> 19. ELEV. CASINGHEAD <u>6685</u>										11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA <u>Section 21 26N 6W</u>	
20. TOTAL DEPTH, MD & TVD <u>4000</u> 21. PLUG, BACK T.D., MD & TVD <u>4000</u> 22. IF MULTIPLE COMPL., HOW MANY* <u>two</u> 23. INTERVALS DRILLED BY <u>0-4000</u> ROTARY TOOLS _____ CABLE TOOLS _____										12. COUNTY OR PARISH <u>Bio Arriba</u>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>3845 to 3950 Chacra</u>										13. STATE <u>New Mexico</u>	
25. TYPE ELECTRIC AND OTHER LOGS RUN <u>Induction Electric</u>										26. WAS DIRECTIONAL SURVEY MADE <u>No</u>	
27. TYPE ELECTRIC AND OTHER LOGS RUN <u>Induction Electric</u>										28. WAS WELL CORED <u>No</u>	
29. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
<u>8 5/8"</u>		<u>24.4</u>		<u>145'</u>		<u>12 1/4"</u>		<u>150 sacks</u>		<u>None</u>	
<u>4 1/2"</u>		<u>10.5</u>		<u>4000'</u>		<u>7 7/8"</u>		<u>765</u>		<u>None</u>	
30. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		TUBING RECORD	
										SIZE	
										DEPTH SET (MD)	
										PACKER SET (MD)	
										<u>1 1/4"</u> <u>3832</u> <u>3033</u>	
31. PERFORATION RECORD (Interval, size and number) <u>3845, 3851, 3856, 3862, 3911, 3939, 3950</u> <u>One .32 Dia. Hole at each</u>											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED					
<u>3845-3950</u>						<u>Frac'ed with 40,000#</u> <u>20-40 sand and 1140 bbls.</u> <u>water.</u>					
33. PRODUCTION											
DATE FIRST PRODUCTION <u>7-10-77</u>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>Flowing</u>						WELL STATUS (Producing or shut-in) <u>Shut in</u>			
DATE OF TEST <u>7-10-77</u>		HOURS TESTED <u>3 hrs.</u>		CHOKE SIZE <u>3/4"</u>		PROD'N. FOR TEST PERIOD <u>56</u>		OIL—BBL. <u>453</u>		GAS—MCF. <u>56</u>	
FLOW. TUBING PRESS. <u>20</u>		CASING PRESSURE <u>PKR</u>		CALCULATED 24-HOUR RATE <u>453</u>		OIL—BBL. <u>453</u>		GAS—MCF. <u>453</u>		WATER—BBL. <u>453</u>	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <u>Vented</u>										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 <u>Charles C. Ogden</u>				TITLE <u>Superintendent</u>				DATE <u>7-12-77</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# H-40 casing cemented at 4000' with 445 sacks 65-35-12 Gel cement followed by 320 sacks Neat. Plug down 2:30 PM 6-4-77. Cement circulated to surface.

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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Alamo	2300	2455	Alamo Pictured Cliffs Chacra	2300	2300
Pictured Cliffs	2925	3022		2925	2925
Chacra	3843	3952		3843	3843
Hole Deviation Tests (Degrees)					
240		1 1/2			
653		1 1/2			
1242		3 1/4			
1323		1			
1828		1			
2045		1 1/2			
2526		1			
3070		1 1/4			
3307		1 3/4			
3490		2			
4000		2			