

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 _____		7. UNIT AGREEMENT NAME <u>Jicarilla Apache</u>											
b. TYPE OF COMPLETION:		NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		S. FARM OR LEASE NAME <u>Jicarilla - 30</u>											
2. NAME OF OPERATOR CONTINENTAL OIL COMPANY				9. WELL NO. <u>12</u>											
3. ADDRESS OF OPERATOR P. O. Box 460, Hobbs, N.M. 88240				10. FIELD AND POOL, OR WILDCAT <u>W. Lindrith Gallup Dakota</u>											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2210' FNL and 990' FEL At top prod. interval reported below SAME At total depth SAME				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 30 T. 25N. R. 4W.											
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH Rio Arriba											
13. STATE		19. ELEV. CASINGHEAD		13. STATE NM											
15. DATE SPUDDED <u>1-3-79</u>	16. DATE T.D. REACHED <u>1-28-79</u>	17. DATE COMPL. (Ready to prod.) <u>4-26-79</u>	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <u>7021' GL</u>	19. ELEV. CASINGHEAD <u>-</u>											
20. TOTAL DEPTH, MD & TVD <u>7805'</u>	21. PLUG, BACK T.D., MD & TVD <u>7750'</u>	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY <u>Rotary</u>	ROTARY TOOLS <u>Rotary</u>											
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>GALLUP 6552' - 6898'</u> <u>Dakota 7424' - 7646'</u>				25. WAS DIRECTIONAL SURVEY MADE <u>YES</u>											
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>CBL-VDL-GR SP-1ES GR-CAI-CNL-FDC PDC</u>				27. WAS WELL CORED <u>No</u>											
28. 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#</u>	<u>992'</u>	<u>12 1/4"</u>	<u>550SC</u>	<u>CVR 50W</u>										
<u>5 1/2"</u>	<u>17#</u>	<u>7805'</u>	<u>7 7/8"</u>	<u>1075SC</u>											
29. LINER RECORD															
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)											
30. TUBING RECORD															
SIZE	DEPTH SET (MD)	PACKER SET (MD)													
<u>2 3/8</u>	<u>7591'</u>	<u>SN 7560'</u>													
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.												
<u>7430', 32, 34, 36, 38, 40' 7570' 72, 74, 76, 84, 86, 7616, 18</u> <u>20, 22' w/ 1/2 SP</u> <u>6597, 99, 4601', 03, 28, 30, 32, 34, 36, 38, 65, 67, 69</u> <u>w/ 1/2 SP</u>			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> <tr> <td><u>7430 - 7622</u></td> <td><u>40 bbls 15% acid, 20,000 gal Fract fluid, 107,500 gals</u></td> </tr> <tr> <td><u>6597 - 6661</u></td> <td><u>crack. 1 kgal, 337,500' 20/40 sand</u></td> </tr> <tr> <td></td> <td><u>33 bbls 15% acid, 20,000 Fract fluid, 107,500 gals</u></td> </tr> <tr> <td></td> <td><u>gal, 382,500' 20/40 sand.</u></td> </tr> </table>			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	<u>7430 - 7622</u>	<u>40 bbls 15% acid, 20,000 gal Fract fluid, 107,500 gals</u>	<u>6597 - 6661</u>	<u>crack. 1 kgal, 337,500' 20/40 sand</u>		<u>33 bbls 15% acid, 20,000 Fract fluid, 107,500 gals</u>		<u>gal, 382,500' 20/40 sand.</u>
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33. PRODUCTION															
DATE FIRST PRODUCTION <u>5-22-79</u>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>FWWG</u>		WELL STATUS (Producing or shut-in) <u>prod.</u>											
DATE OF TEST <u>5-22-79</u>	HOURS TESTED <u>24</u>	CHOKE SIZE <u>NA</u>	PROD'N. FOR TEST PERIOD <u>42</u>	OIL—BBL. <u>215</u>	GAS—MCF. <u>10</u>										
FLOW. TUBING PRESS. <u>6000 psi</u>	CASING PRESSURE <u>920 psi</u>	CALCULATED 24-HOUR RATE <u>42</u>	OIL—BBL. <u>42</u>	GAS—MCF. <u>215</u>	WATER—BBL. <u>10</u>										
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <u>vented</u>			OIL GRAVITY-API (CORR.) <u>51.9</u>												
35. LIST OF ATTACHMENTS <u>None</u>															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED <u>Wm. A. Butterfield</u>		TITLE <u>Administrative Supervisor</u>		U. S. GEOLOGICAL SURVEY DATE <u>JUN 4 1979</u>											

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.)

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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Sh., ss.	0	TD		Pictured Cliffs	3206	
				Chacra	4080	
				Cliff House	4845	
				Point Lookout	5285	
				Gallup	6553	
				Dakota	7422	