

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 Jicarilla 28													
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐				8. FARM OR LEASE NAME Jicarilla 28													
2. NAME OF OPERATOR Continental Oil Company				9. WELL NO. 12													
3. ADDRESS OF OPERATOR 152 North Durbin, Casper, Wyoming 82601				10. FIELD AND POOL, OR WILDCAT West Lindrith-Undesignated Gallup and Dakota													
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface NW SW 1850' FSL, 790' FWL (Unit Letter "L") At top prod. interval reported below At total depth				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 27, T25N, R4W													
14. PERMIT NO.				DATE ISSUED													
15. DATE SPUDDED 11-6-71				16. DATE T.D. REACHED 11-19-71		17. DATE COMPL. (Ready to prod.) 12-12-71		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6869' GR, 6883' KB		19. ELEV. CASINGHEAD							
20. TOTAL DEPTH, MD & TVD 7675'		21. PLUG, BACK T.D., MD & TVD 7646'		22. IF MULTIPLE COMPL., HOW MANY* Two		23. INTERVALS DRILLED BY →		ROTARY TOOLS 0-7675'		CABLE TOOLS							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Gallup 6550-6629' - Dakota 7378-7590'										25. WAS DIRECTIONAL SURVEY MADE Yes							
26. TYPE ELECTRIC AND OTHER LOGS RUN FDC - GR - Caliper										27. WAS WELL CORED No							
28. CASING RECORD (Report all strings set in well)																	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD									
8 5/8"		24.0#		239'		12 1/4"		150 sacks Class "A"									
4 1/2"		10.5#		7,674'		7 7/8"		1st Stage 450 sacks									
								2nd Stage 200 sacks									
29. LINER RECORD												30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		STUCK SET (MD)			
										2 3/8"		7299'		None			
31. PERFORATION RECORD (Interval, size and number) Gallup - 6538-48' (10), 6570-76' (6), 6597-99' (2), 6615-17' (2). Dakota - 7365-69' (3), 7377-79' (2), 7390-96' (4), 7409-13' (3), 7475-77' (2), 7518-24' (4), 7549-51' (2), 7558-76' (10) -												32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
												DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
												7365-7576'		45,000 gal. water, 79,000# 10-20 sand			
												6538-6617'		16,800 gal. water, 32,000# 10-20 sand			
33. DML-14 - 3 3/8" gun PRODUCTION																	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)									
12-12-71		Pumping - 1 1/4' Insert Rod Pump						Producing									
DATE OF TEST		HOURS TESTED		CHOKER SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO			
12-17-71		24				→		44		149		90 (load)		3386			
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)					
				→		44		149		90 (load)		45.7					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to El Paso Natural Gas Company										TEST WITNESSED BY W. M. Scott							
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		J. A. Allen						TITLE		Administrative Supervisor		DATE		FEB-28-1972			

***(See Instructions and Spaces for Additional Data on Reverse Side)**

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

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 19: 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 LEATH 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
Pictured Cliffs	3154'	3234'	Sandstone	Pictured Cliffs	3154'	
Mesa Verde	4860'	5360'	Sandstone	Mesa Verde	4860'	
Gallup	6505'	6542'	Sandstone	Gallup	6505'	
Dakota	7363'	7585'	Sandstone	Dakota	7363'	