

Form approved.
Budget Bureau No. 42-R355.5.

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		8. FARM OR LEASE NAME Jicarilla 20	
2. NAME OF OPERATOR Continental Oil Company		9. WELL NO. 4	
3. ADDRESS OF OPERATOR P. O. Box 1621, Durango, Colorado		10. FIELD AND POOL, OR WILDCAT Undesig. Gallup	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1754' FSL, 2090' FWL At top prod. interval reported below At total depth		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 18, T25N, R4W-NMNM	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 10/28/65		16. DATE T.D. REACHED 11/12/65	
17. DATE COMPL. (Ready to prod.) 5/5/66		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7226' GR, 7236' DF	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 8100'	
21. PLUG, BACK T.D., MD & TVD 7757'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY 0-8100'		ROTARY TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Gallup 6908'-7210'		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, Density		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24#	395'	12 1/4"
5 1/2"	15.5# & 17#	8100'	7 7/8"
CEMENTING RECORD		AMOUNT PULLED	
400 sacks neat		None	
450 sacks - stage collar @ 5990' - 550 sacks		None	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	7000'		
31. PERFORATION RECORD (Interval, size and number)			
7984-8006' - 2 JFF (Dakota "M" Sand)			
7872, 7875', 7885', 7915', 7925', 7933' & 7935' - 4 JFF (Dakota "J" Sand)			
7205-10', 7185-99', 7127-39', 7068-76', 7052-56', 7033-42', 6967-71', 6945-53', 6908-22'			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
7984'-8006'		37,200 gals. 1% KCl water, 35,000# sand, 300# "ADOMITE AQUA" additive, 10 gals. "ADO MALL" additive.	
33. PRODUCTION			
DATE FIRST PRODUCTION 5/5/66		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 5/25/66	HOURS TESTED 24	CHOKE SIZE 32/64"	PROD'N. FOR TEST PERIOD 56
FLOW. TUBING PRESS. 310#	CASING PRESSURE 310#	CALCULATED 24-HOUR RATE 56	OIL—BBL. 56
GAS—MCF. 0		WATER—BBL. 0	
OIL GRAVITY-API (CORR.) 43.6°			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Will be sold to El Paso Natural Gas Company.			
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 H. D. HALEY		TITLE District Manager	
DATE 6/15/66			

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

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 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.)

150 eachs constant thru out
 Ret (net @ 75%)
 #12 (continued)

7872'-1935'	250 gals. HCl acid.	6908'-7210'	1200 gals. MCA.
6880'-6995'		300 gals. MCA.	

30,000# sand & 30,460 gals. 1% KCl water.
6908'-7210'
88,000# sand & 95,060 gals. water.
300 gals. RCH.

37. SUMMARY OF POLYMER ZONES:
SHOW ALL IMPORTS AND EXPORTS OF POLYMER AND CONTAINERS THEREIN

FORMATION	THICKNESS	DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	38.
		DEPTHS OF POROSITY AND CONTENTS THEREOF; CORDED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING	
		DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	

TOP	MEAS. DEPTH	TRUE VERT. DEPTH
NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	3530'	
Chacra	4405'	
Mesa Verde	5170'	
Gallup	6865'	
Dakota	7130'	
DESCRIPTION, CONTENTS, ETC.		
Sand (Not tested - gas well in same quarter section)	4430'	
Sand and Shale (Not tested)	5870'	
Shaley sand - Oil and Gas	7210'	
Sand, tight, show gas and oil	7940'	
Sand, Water and show of gas	8020'	
	4405'	
	5170'	
	6865'	
	7868'	
	7985'	
Chacra		
Mesa Verde		
Gallup		
Dakota "J"		
Dakota "K"		