

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE *
(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

RECEIVED
OCT 28 1998
OIL COM. DIV.
DIST. 3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG						5. LEASE DESIGNATION AND SERIAL NO. SF 078840	
1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>						7. UNIT AGREEMENT NAME SAN JUAN 28-7 UNIT	
2. NAME OF OPERATOR CONOCO INC.						8. FARM OR LEASE NAME, WELL NO. SAN JUAN 28-7 UNIT #109M	
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424						9. API WELL NO. 30-039-25794	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 1090' FNL & 980' FWL, UNIT LETTER 'D' At top prod. Interval reported below At total depth						10. FIELD AND POOL, OR WILDCAT BLANCO MESA VERDE	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 18, T27N - R07W						12. COUNTY OR PARISH RIO ARriba COUNTY	
13. STATE NM						14. PERMIT NO.	
15. DATE SPUDDED 9/12/98						16. DATE T.D. REACHED 9/23/98	
17. DATE COMPL. (Ready to prod.) 10/13/98						18. ELEV. (DF, RKB, RT, GR, ETC) * 6554' GL	
19. ELEV. CASINGHEAD						20. TOTAL DEPTH, MD & TVD 7536'	
21. PLUG, BACK T.D. MD. & TVD 7533'						22. IF MULTIPLE COMPL. HOW MANY *	
23. INTERVALS DRILLED BY ROTARY <input checked="" type="checkbox"/> CABLE <input type="checkbox"/> TOOLS <input checked="" type="checkbox"/> TOOLS <input type="checkbox"/>						24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) * 4927' - 5385' BLANCO MESA VERDE	
25. WAS DIRECTIONAL SURVEY MADE						26. TYPE ELECTRIC AND OTHER LOGS RUN	
27. WAS WELL CORED						28. CASING RECORD (Report all strings set in well)	
CASING SIZE/GRADE		WEIGHT, LB/FT		DEPTH SET (MD)		HOLE SIZE	
9-5/8"		36#		498'		12-3/4"	
7"		23#		3267'		8-3/4"	
4-1/2"		9.5#		7536'		6-1/4"	
29. LINER RECORD						30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SIZE	
						2-3/8"	
						7318'	
31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
SEE ATTACHED SUMMARY						DEPTH INTERVAL (MD)	
						AMOUNT AND KIND OF MATERIAL USED	
33. * PRODUCTION							
DATE FIRST PRODUCTION 10/13/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) FLOWING				WELL STATUS (Producing or shut-in) PRODUCING - DHC #1928	
DATE OF TEST 10/07/98		HOURS TESTED 24 HRS		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD	
						OIL - BBL 5	
						GAS - MCF 858	
						WATER - BBL 10	
						GAS - OIL RATIO	
FLOW TUBING PRESS 130		CASING PRESSURE 410		CALCULATED 24 - HR RATE		OIL - BBL 5	
						GAS - MCF 858	
						WATER - BBL 10	
						OIL GRAVITY - API (CORR)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED						TEST WITNESSED BY VICTOR BARRIOS	
35. LIST OF ATTACHMENTS SUMMARY							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Sylvia Johnson</u>				TITLE SYLVIA JOHNSON, As a Farmington District Office			
				DATE 10/14/98			

ACCEPTED FOR RECORD

OCT 26 1998

* (See Instructions and Spaces for Additional Data on Reverse Side) Title 18 U.S.C. Section 1001, makes it a crime knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

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	TOP			
					MEAS. DEPTH	TRUE VERT. DEPTH		
			SAN JUAN 28-7 UNIT #109M	Ojo Alamo	2108			
				Kirtland	2208			
				Fruitland fma	2522			
				Pictured Cliffs	2941			
				Lewis	3096			
				Chacra	3860			
				Cliffhouse	4610			
				Menefee	4634			
				Point Lookout	5205			
				Mancos	5570			
				Gallup	6378			
				Greenhorn	7138			
				Graneros	7200			
				Dakota	7236			

COPY

CONOCO, INC.
SAN JUAN 28-7 109M
API#: 30-039-25794
1090' FNL & 980' FEL, UNIT 'D'
SEC. 18, T27N - R07W

- 9/24/98 MIRU, NDWH, NUBOP, tally, PU & TIH w/3 7/8" bit & 2 3/8" tbg, run 103 jts 3163' of tbg.
- 9/25/98 Cont in hole w/tbg tag cement @ 7492', RU pwr swivel & DO cmt to FC @ 7499', DO collar & cont DO cmt to shoe @ 7534', circ clean w/1% KCl load 7' X 4 1/2" annulus w/6 bbls 1% KCl pressure to 500# OK, Test 4 1/2" casing to 4000# OK, TOOH w/tbg & bit.
- 9/27/98 no daily reports sent for today.
- 9/28/98 RU WL run TDT/CCL/GR log from 7537'-2100', Ran CBL/CCL/GR log from 7537'-1750' TOC @ 1750', RD WL.
- 9/29/98 RU BJ, RIH run GR strip correlation log to Schlum TDT log, Perf DK w/30 shots from 7251'-7465' as follows: 7251-53-62-64-75-77-7327-29-62-69-72-75-93-96-7401-03-05-11-13-21-26-34-37-40-43-45-54-56-58-7465', RD WL, TIH w/ PPI tool on 10' spacing w/2-3/8" tbg to 7500', pumped 2 bbls 1% KCl thru tool to insure control valve wkg, set tool & test to 4000# in blank pipe, RU BJ to acidize, PU & set tool across perfs in 12 sets to BD DK perfs, avg BD 3200# Max 4000#, pumped 750G 15% HCl into perfs, all broke, RD BJ, TIH w/ret tool ret SV & control valve from PPI tool, TOOH w/tbg & PPI tool, NU 6" frac valve & "Y".
- 9/30/98 RU BJ, test lines 5000#, Frac DK w/67,000G 15# XL gel w/41,260# 20/40 Ottawa & 60,892# 20/40 SDC @ 40 BPM Max 3800#, Avg 3200#, ISIP 1650#, Max sand conc 3#/gal, RD BJ & Frac valve & "Y", RU WL, RIH set 4 1/2" comp BP @ 5490', test BP 3700# OK, Perf Point Lookout/Lower Menefee w/30 11 gram shots as follows: 5179-82-85-88-5208-11-14-17-20-23-26-39-41-49-68-70-72-83-85-91-94-97-5300-03-06-11-18-28-80-5385', RD WL, TIH w/4-1/2" PPI tool on 10' spacing & 2-3/8" tbg, BD perfs w/750G 15% HCl in 10 sets, Max 4000#, avg 3200#, all sets BD, RIH ret control & SV, TOOH w/tbg & PPI tool, NU frac valve & "Y".
- 10/1/98 RU BJ, frac Point Lookout & Lower Menefee w/67,200G 15# XL gel w/50,000 20/40 AZ & 56,000# 20/40 SDC @ 55 BPM Max 1700#, avg 1600#, ISIP 250# 5 min vac, Max sand conc 3#/gal, RD BJ, ND frac valve & "Y", RU WL, RIH set Hbton 4-1/2" comp BP @ 5150', test 3000# OK, perf Upper Menefee w/25 11 gram shots as follows: 4927-33-53-56-59-62-72-74-81-85-88-91-5018-21-24-27-80-83-86-89-5109-12-15-22-5125', RD WL, TIH w/4-1/2" PPI tool on 10 spacing on 2-3/8" tbg, BD perfs in 9 sets w/750G 15% HCl, Max 3700#, Avg 2750# all perfs BD, TIH w/sandline ret control & SV, TOOH w/tbg & tools, NU frac valve & "Y", NU BJ, test lines 5000# OK, frac Upper Menefee w/64,008G 15# XL gel w/90,640# 20/40 AZ & 15,360# 20/40 SDC @ 46 BPM Max 3300#, Avg 2600#, ISIP 1500#, Max sand conc 3#/gal, RD BJ, ND frac valve & "Y".
- 10/2/98 Checked well had 450#. Blow down. RU gas comps & flowlines. GIH w/ MM, tag fill @ 5050' KB w/ 159 jts. Unloaded well. CO fill to 5150' w/ 165 jts. Pumped soap sweeps every hour. PU to 4778' kb. Left 151 jts. in hole.
- 10/5/98 Checked well 450# on csg 200# on tbg. Blow down. WIH tagged fill @ 5093'. Got gas comp. ready unloaded well. Cleaned fill to plug @ 5150'. DO plug. Well loaded up w/ H2O. Unloaded fluid. WIH tagged fill @ 5315' w/ 168 jts. CO to 5490'. Pumped soap sweeps. PU to 4778'. Left 151 jts. in hole.
- 10/6/98 Check well 900# on csg. 1000# on tbg.. Blow down well. Kill tbg. w/ 5 bbls. GIH tag fill @7460'. RU gas comp. CO, Pump soap sweeps every hr. PU tbg. to 4967' w/ 157 jts. left in hole. Press up well w/ gas to flow up the tbg over night. Used 2 comps 8 hrs. each.
- 10/7/98 Checked well, flowing tbg. 40# csg. 400#. Rig up to test mv zone. Blow down well. GIH tag fill @ 5470'. RU power swivel & comp., unload well. Clean fill. DO plug. Well loaded up with sand & water. GIH tag fill @ 7400' w/ 234jts.. CO fill to PBTD 7534'. Pumped soap sweep. POOH, left 77 jts. in the hole (2340').

CONOCO, INC.
SAN JUAN 28-7 109M
API#: 30-039-25794
1090' FNL & 980' FEL, UNIT 'D'
SEC. 18, T27N - R07W

COPY

NOTE: MV TEST THROUGH 1/2" CHOKE AS FOLLOWS: TBG. 130# CSG. 410# RATE 858 MCFPD
10 BWPD 5 BOPD WITNESSED BY: VICTOR BARRIOS.

- 10/8/98 Checked well 900 # tbg. 900# csg. Blowdown well. Killed well with 20 bbls KCl. POOH w/ 77 jts. GIH w/ mule shoe, seating nipple, & 237 jts 2 3/8" tbg.. Tagged fill @ 7500'. CO fill. Pumped soap sweep every hour. Pull up to 7234 . Left 228 jts. in the hole. Pressured up well with gas comp. , left flowing overnight.
- 10/9/98 Checked well 35# tbg. 480# csg. Blow down. Killed well. GIH tag fill @ 7505'. Unload well, clean out fill. Pumped soap sweep every hour. Pulled tbg. up to 7354'. Left 232 jts. in the hole. Pressured up well , left flowing over night.
- 10/12/98 Checked well 50# tbg. 400# csg. Rig up test equip. Test well for 2 hrs. thru 1/2" choke. Blow down well. GIH tag fill @ 7520'. Rig up gas comp. Unload well, CO fill. Pumped soap sweeps every hour. Pulled up to 7318' land tbg. w/ 231 jts. ND B.O.P. RU wellhead. Pressure up well. Take down gas flowlines. Clean up location. Final report.

DK TEST: TBG. 30# CSG. 420# 198 MCFPD 5 BWPD 1 BOPD WITNESSED BY: VICTOR BARRIOS
W/ KEY ENERGY