

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

COPY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *											
1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐					5. LEASE DESIGNATION AND SERIAL NO. SF-078972						
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ DIFF. RESVR. ☐ OTHER ☐					6. IF INDIAN, ALLOTTEE OR TRIBE NAME						
2. NAME OF OPERATOR CONOCO, INC.					7. UNIT AGREEMENT NAME SAN JUAN 28-7 UNIT						
3. ADDRESS OF OPERATOR 10 DESTA DRIVE, STE 100W, MIDLAND, TX 79705 (915) 686-5424					8. FARM OR LEASE NAME, WELL NO. #157M						
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 798' FSL - 712' FEL, UNIT LETTER 'P' At top prod. Interval reported below At total depth					9. API WELL NO. 30-039-25662						
14. PERMIT NO.					DATE ISSUED		12. COUNTY OR PARISH RIO ARriba		13. STATE NM		
15. DATE SPUDDED 07-11-97		16. DATE T.D. REACHED 07-20-97		17. DATE COMPL. (Ready to prod.) 08-18-97		18. ELEV. (DF, RKB, RT, GR, ETC) * 6548' GR		19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 7646'		21. PLUG, BACK T.D. MD. & TVD 7600'		22. IF MULTIPLE COMPL. HOW MANY *		23. INTERVALS DRILLED BY ROTARY ☒ CABLE ☐ TOOLS ☒ TOOLS ☐					
24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 4815' - 5567' 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 in well)											
CASING SIZE/GRADE		WEIGHT, LB/FT		DEPTH SET (MD)		HOLE SIZE		TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
9-5/8"		#36		281'		12-1/4"		140 SX			
7		#23		3421'		8-3/4"		360 SX		475	
4-1/2		#11.6/10.5#		7646'		6-1/4"		410 SX		515	
29. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *		SCREEN (MD)			
30. TUBING RECORD											
SIZE		DEPTH SET (MD)		PACKET SET (MD)							
2 3/8"		7458' (TEST)		BP @ 7498'							
		7539' (FINAL)									
31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
SEE ATTACHED STIMULATION SUMMARY						DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
33. * PRODUCTION											
DATE FIRST PRODUCTION 08-15-97		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) Flowing					WELL STATUS (Producing or shut-in) Producing				
DATE OF TEST 08-11-97		HOURS TESTED 24 HRS.		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD		OIL - BBL 1		GAS - MCF 1850 MCFD	
FLOW TUBING PRESS 80#		CASING PRESSURE 560#		CALCULATED 24 - HR RATE		OIL - BBL 1		GAS - MCF 1850 MCFD		WATER - BBL 10	
										OIL GRAVITY - API (CORR)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented								TEST WITNESSED BY GENARO MAEZ / FLINT ENGINEERING			
35. LIST OF ATTACHMENTS Stimulation 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 Agent for ConocoPhillips		DATE 02-25-98			

Title 18 U.S.C. Section 1001, makes it a crime for any person 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. BY [Signature]

MOCD

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
					Ojo Alamo	2328	
					Kirtland	2495	
					Fruitland fma	2770	
					Pictured Cliffs	3134	
					Lewis	3294	
					Chacra	4100	
					Cliffhouse	4813	
					Menefee	4925	
					Point Lookout	5383	
					Mancos	5784	
					Gallup	6555	
					Greenhorn	7308	
					Graneros	7372	
					Dakota	7398	

CONOCO INC.
SAN JUAN 28-7 #157M
API # 30-039-25662
SEC 11 - T27N - R07W UNIT LETTER "P"
798' FSL - 712' FEL

07/23/97 MIRU, PU Tbg & TIH, tag cmt @ 7528', DO cmt to FC @ 7600' & cont. DO to 7640', circ hole clean.

TOOH w/tbg & bit, test csg to 3000# OK, RU run TD/CCL log from 7645' - 2200', NU frac valve.

RU BJ Wireline, Perf Lower DK @ 7540-42-44-46-48-52-54-56-74-76-78-80-96-98-7604-06-21-7623. 18 Shots Total, NU tree saver, NU BJ acidize perms w/500 G 15% HCl @ 10 bpm w/28 ball sealers, max.. 3250#, good ball action, did not ball off, ISIP 1325#, RIH ret balls, Frac lower DK w/57,527 G 15# Gel w/73,369# 20/40 Ottawa, 6740# 20/40 SDC @ 28.5 bpm max.. 3500#, avg. 2700#, ISIP 1420#, max.. sand conc. 3#/Gal, RD frac line & Iree Saver, Set CIBP @ 7498', Perf Upper DK @ 7412-14-16-20-22-24-26-32-34-41-43-45-50-52-54-7456' 16 Holes Total, NU BJ acidize perms w/500 G 15% HCl w/24 ball sealers, @ 10.5 bpm, max.. 2950#, balled off, RIH, frac upper DK w/ 52,404 G 15# Gel w/ 87,640# 20/40 Ottawa, 6440# 20/40 SDC, @ 28.3 bpm, max.. 4300#, avg. 3600#, max.. sand conc. 3#/Gal, only displaced w/ 35 bbls.

TIH w/tbg tag sand @ 5300', CO to 5800', TOOH w/tbg, test sand plug to 3000# for 15 min OK, RU, RIH & perf Point Lookout @ 5368-89-92-95-98-5401-10-13-16-19-22-25-30-32-40-42-56-59-62-68-71-95-98-5505-07-20-23-65-67 29 shots total. RU BJ Acidize Point Lookout w/ 500 G 15% HCl w/45 ball sealers @ 9 bpm max.. 3000#, ISIP 100#, RIH w/ JB ret all balls, NU BJ frac Point Lookout w/111,720 G slick water @ 50 bpm w/ 89,000# 20/40 AZ, 6000# 20/40 SDC, max.. 1250 #, avg. 1150#, max.. sand conc. 2#/Gal ISIP 0#, RIH set CIBP @ 5346' test to 3000# OK, perf Menefee @ 5090-92-5100-02-61-63-72-75-5200-02-15-17-27-29-65-68-71-74-77-80-5303-06-09-12-15-32-5333 27 shots total, BD while shooting w/ 1000#, NU BJ acidize Menefee w/ 500 G 15% HCl w/40 ball sealers @ 6 bpm max.. 2950#, ISIP 910#, RIH w/JB ret all balls.

NU BJ frac Menefee w/ 95,760 G slick water @ 38 bpm w/ 75,000# 20/40 AZ, 6000# 20/40 SDC, max.. 3000#, avg. 2600#, max. sand conc. 1.5#/Gal, ISIP 1200#, NU wireline lubricator, replaced flange connection, re-headed wireline, set CIBP @ 4995' test to 3000# OK, perf Cliffhouse @ 4815-19-47-50-53-56-59-62-65-68-71-91-92-98-4900-02-04-06-08-18-20-22-4924 23 shots total, NU BJ acidize Cliffhouse w/500 G 15% HCl w/ 35 ball sealers @ 12 bpm max. 3000# balled off, ISIP 0#, RIH w/JB ret 27 Of 35 balls, NU BJ frac Cliffhouse w/ 102,900 G slick water w/ 60,300# 20/40 AZ, 8000# 20/40 SDC, @ 38 bpm max. 3000#, Avg. 2500#, ISIP 590#, max. sand conc. 2 #/Gal.

TIH w/ MMM & 2-3/8" tbg to 4726', tag fill, RU comp, unload fluid from well, 300# csg, TIH w/tbg tag fill @ 4915, CO to CIBP @ 4995, DO CIBP & cont. in hole, tag fill @ 5326', CO to CIBP @ 5356' circ hole clean PU tbg to 5000'. TIH w/ tbg tag fill @ 5326' CO to CIBP @ 5346', DO CIBP, CO sand to 5775', PU tbg to 4775'.

TIH w/tbg to 5484', CO sand to 5547', tbg stuck @ 5547', free up 1 jt, tbg stuck @ 5515', attempt to release, no success. RU wireline, free point tbg @ 4615', 900' of tbg stuck, back off tbg @ 4615 w/ string shot, TOOH w/ tbg, TIH, Latch Fish, TOOH w/ 66 jts tbg, end of fish @ 3436'. TOOH w/ DCs & tools, TIH w/ mill & tbg to 4726'. TIH from 4726' to 5650', CO sand to 6864', PU tbg to 4750'.

MV Test as follows: 80# tbg, 560#csg, 10 BWP, 1 BOPD, 1850 MCFD, Test witnessed by Genaro Maez w/ Flint Engineering, TIH w/ tbg from 4750' to tag fill @ 7468', 30' of fill over CIBP @ 7498', DO top of CIBP, circ well clean, did not DO CIBP, PU tbg to 4750'.

TIH w/ tbg from 4750'-7490', CO 8' of fill, cont. DO CIBP @ 7498', CO to PBTD @ 7645', circ clean, PU tbg to 3971'.

TIH w/ tbg from 3971' to top of fill @ 7598', 47' of fill overnight, CO to PBTD @ 7645', sweep clean w/ gas & foam, PU tbg to 7268'.

TIH w/ 12 jts tbg from 7268' to tag fill @ 7625', 20' of fill, CO to 7645' (PBTD), circ hole clean, PU tbg to 7458', DK Test as follows: Tbg 120# thru 1/2" choke, csg 510#, 1 BOPD, 10 BWP, 751 MCFD, Test witnessed by Genaro Maez w/ Flint Engineering. TIH w/ 7 jts tag fill @ 7630', 15' of fill, CO to PBTD @ 7645', circ clean PU tbg to 7458'. Drywatch Thru 2' Line To Pit, Medium Sand 1 Quart Sand In 5 Gallon Test, Continue Drywatch 40# Tbg, 450# Csg.

08/17/97 Well stopped producing sand @ 6 am, 40# tbg, 450# csg, TIH w/ tbg tag till @ 7640', 5' of fill, CO to PBTD @ 7645', TOOH w/ mill, TIH, 179 jts 2-3/8" tbg land EOT @ 7539', (Pkr @ 5648'), NDBOP, NUWH, RDMO.