

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-078497	
b. TYPE OF COMPLETION: NEW WORK DEEP- DIFF. RESVR. OTHER WELL ☒ OVER ☐ EN ☐ 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. #232M	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 2425' FSL - 500' FEL, UNIT LETTER 'I' At top prod. Interval reported below At total depth				9. API WELL NO. 30-039-25693	
14. PERMIT NO.				10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA	
DATE ISSUED				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA I 20-T28N-R07W	
15. DATE SPUDDED 08-19-97		16. DATE T.D. REACHED 08-28-97		12. COUNTY OR PARISH RIO ARriba	
17. DATE COMPL. (Ready to prod.) 08-28-97		18. ELEV. (OF, RKB, RT, GR, ETC) * 6108' GR		13. STATE NM	
20. TOTAL DEPTH, MD & TVD 7225'		21. PLUG, BACK T.D. MD. & TVD 7178		19. ELEV. CASINGHEAD	
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) * 6994' - 7194' BASIN DAKOTA				25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN TDT, GR, CCL				27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	286'	12-1/4"	280 SX	
7	23#	3056'	8-3/4"	545 SX	
4-1/2	11.6#	7225'	6-1/4"	555 SX	
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE
					2-3/8"
					6760'
					5145'
31. PERFORATION RECORD (Interval, size and number)			32. ACID STIMULATION, CEMENT SQUEEZE, ETC. AMOUNT AND KIND OF MATERIAL USED		
SEE ATTACHED STIMULATION SUMMARY			OCT - 9 1997		
			OIL CON. DIV.		
33. * PRODUCTION					
DATE FIRST PRODUCTION 08-28-97		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) Flowing		WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 09-13-7	HOURS TESTED 24s.	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD	OIL - BBL 1	GAS - MCF 968
FLOW. TUBING PRESS 110#	CASING PRESSURE 775#	CALCULATED 24 - HR RATE	OIL - BBL 1	GAS - MCF 968	WATER - BBL 12
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flared			TEST WITNESSED BY MIKE STONE / L&R CONSTRUCTION		
35. LIST OF ATTACHMENTS Stimulation Summary, Logs					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <i>Debra Bemenderfer</i>		TITLE DEBRA BEMENDERFER, As Agent for Conoco Inc.			
		OCT 07 1997			
FARMINGTON DISTRICT OFFICE					
BY <i>[Signature]</i>					

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED
OMB NO. 1004-0187
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-078497					
b. TYPE OF COMPLETION: NEW WORK DEEP- DIFF. WELL ☒ OVER ☐ EN ☐ RESVR. ☐ OTHER					6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
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3. ADDRESS OF OPERATOR 10 DESTA DRIVE, STE 100W, MIDLAND, TX 79705 (915) 686-5424					8. FARM OR LEASE NAME, WELL NO. #232M					
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15. DATE SPUDDED 08-19-97		16. DATE T.D. REACHED 08-28-97		17. DATE COMPL. (Ready to prod.) 08-28-97		18. ELEV. (DF, RKB, RT, GR, ETC) * 6108' GR		19. ELEV. CASINGHEAD		
20. TOTAL DEPTH, MD & TVD 7225'			21. PLUG, BACK T.D. MD. & TVD 7178'			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) 6994' - 7194' BASIN DAKOTA								25. WAS DIRECTIONAL SURVEY MADE NO		
26. TYPE ELECTRIC AND OTHER LOGS RUN TDT, GR, CCL								27. WAS WELL CORED NO		
28. CASING RECORD (Report all strings set in well)										
CASING SIZE/GRADE		WEIGHT, LB/FT		DEPTH SET (MD)		HOLE SIZE		TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED
9-5/8"		36#		286'		12-1/4"		280 SX		
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SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *		SCREEN (MD)		
								2-3/8"		6760'
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 08-28-97		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) Flowing					WELL STATUS (Producing or shut-in) PRODUCING			
DATE OF TEST 09-13-97		HOURS TESTED 24s.		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD		OIL - BBL 1		GAS - MCF 968
WATER - BBL 12		GAS - OIL RATIO								
FLOW. TUBING PRESS 110#		CASING PRESSURE 775#		CALCULATED 24 - HR RATE		OIL - BBL 1		GAS - MCF 968		WATER - BBL 12
OIL GRAVITY - API (CORR)										
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flared								TEST WITNESSED BY MIKE STONE / L&R CONSTRUCTION		
35. LIST OF ATTACHMENTS Stimulation Summary, Logs										
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records										
SIGNED <u>Debra Bemenderfer</u>					TITLE <u>DEBRA BEMENDERFER, As Agent for Conoco Inc.</u>			DATE <u>09-16-97</u>		
OCT 06 1997 FARMINGTON DISTRICT OFFICE BY <u>[Signature]</u>										

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37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored internals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	GEOLOGIC MARKERS					
	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		
					NAME	MEAS. DEPTH
				Ojo Alamo	1912 est.	
				Kirtland	2009 est.	
				Fruitland fma	2354	
				Pictured Cliffs	2762	
				Lewis	2916	
				Chacra	3704	
				Cliffhouse	4381	
				Menefee	4530	
				Point Lookout	4942	
				Mancos	5413	
				Gallup	6169	
				Greenhorn	6898	
				Graneros	6956	
				Dakota	6994	

CONOCO INC.
SAN JUAN 28-7 #232M
API # 30-039-25693
SEC 20 - T28N - R07W UNIT LETTER "I"
2425' FSL - 500' FEL
ATTACHMENT FOR BLM 3160-4 & 3160-5

09/02/97 MIRU

RU Blue Jet. RIH Perf Lower Dk @ 7118-20-22-24-26-28-30-51-57-59-61-71-73-78-80-82-84-90-92-94. With .32" Hole Size. Total Shots 20. Acidized With 500 Gals 15% HCl With 30 Ball Sealers. Avg Pressure 2500 PSI, Avg Rate 6 BPM. Max Pressure 2900 PSI. Good Ball Action. ISIP 2700 PSI. Retrieve 30 Balls With 15 Hits. Fraced Lower Dk With 74,000# 20/40 Ottawa Sand 7,000# 20/40 SDC Sand. Total Fluid Pumped 1469 Bbls, Of 15# Xlink Gel. Avg Rate 27 BPM @ 3650 PSI Avg Pressure. Max Pressure 3800 PSI. Max Sand Conc 3#/ Gal. ISIP 2400 PSI. Set Hallib Fax Drill Plug @ 7071', Tested Plug And Csg To 3000 PSI, Ok.

Perf Upper Dk @ 6994-96-98-7007-09-11-13-15-17-19-21-23-25-27-29. Hole Size .32". Total Holes 15. Acidized With 500 Gals, 15% HCl With 25 Ball Sealers. Avg Rate 6 BPM @ 2700 PSI Avg Pressure. Max Pressure 2850 PSI. ISIP 850 PSI. Retrieved 25 Balls With 11 Hits. Fraced Upper Dk With 74,400# Of 20/40 Ottawa Sand And 6,000# Of 20/40 SDC Sand. Total Fluid Pumped 1241 Bbls Of 15 # Xlink Gel At 3700 PSI Avg Pressure @ 24.5 BPM Avg Rate. Max Pressure 3900 PSI. Max Sand Conc 3#/ Gal ISIP 3500 PSI. (Note Upper And Lower Dk Fracs Tagged With Ra Material) Set Hallib Fas Drill Plug @ 5180'. Test Plug And Csg To 3000 PSI - Ok.

Perf Point Lookout @ 4898-4900-05-10-12-45-48-57-63-67-69-78-81-84-87-93-96-99-5019-22-30-32-38-40-52-58-77-81. Total Holes 28. Hole Size .32". Acidized With 500 Gals 15% HCl Acid With 42 Ball Sealers. Avg Rate 8 BPM @ 2450 PSI. Avg Pressure. Max Pressure 2900 PSI. Balled Off. ISIP 860 PSI. Retrieve 42 Balls With 27 Hits.

RU BJ. Frac Point Lookout, With 84,000# Of 20/40 AZ Sand And 6,000# Of 20/40 SDC Sand. Avg Pressure 1500 PSI, @ 45 BPM Avg Rate. Total Fluid Pumped 2397 Bbls Of Slickwater. Max Sand Conc 2#/ Gal. Max Pressure 1750 PSI. ISIP 0 PSI. RIH Set Hallib. Fas Drill Plug @ 4875'. Test Plug And Csg To 3000 PSI. Ok. RIH And Dump Bail 15 Gals 28% HCl Acid @ 4820'. Perf Menefee @ 4617-19-61-81-84-87-96-98-4705-08-11-14-17-34-36-67-69-4814-17-20-26-28. Total Holes 22. Acidized Menefee With 500 Gals. 15% HCl Acid With 33 Ball Sealers. Avg Rate 7.5 BPM @ 1900 PSI Avg Pressure. Max Pressure 2900 PSI. ISIP 430 PSI. RIH Retrieve 31 Balls With 22 Hits.

Fraced Menefee With 54,000# Of 20/40 AZ Sand And 6,000# Of SDC Sand @ 2600 PSI Avg Pressure @ 35 BPM Avg Rate. Total Fluid Pumped 1397 Bbls Of Slickwater. Max Pressure 2700 PSI. ISIP 1130 PSI. Max Sand Conc 2#/ Gal Set Hallib Fas Drill Plug @ 4590'. Test Csg And Plug To 3000 PSI - Ok. Perf Cliffhouse With 3-1/8" Hsc .32" Hole Size. Perf @ 4383-89-4402-10-16-19-22-28-34-36-40-42-45-47-58-72-75-86-90-94-98-4502-08-10-16-19-22-28. Total Holes 28. Pressure Up To 3000 PSI Would Not Break. RIH With Dump Baler With 15 Gals 28% HCl Acid. Dump Acid @ 4500'. Acidized With 500 Gals 15% HCl Acid With 38 Ball Sealers. Avg Rate 7.5 BPM @ 1100 PSI Avg Pressure. Max Pressure 2950 PSI. Balled Off. ISIP 400 PSI. Retrieved 38 Balls With 24 Hits. Fraced With 95,360# Of 20/40 AZ Sand, And 6,000# Of 20/40 SDC Sand. Total Fluid Pumped 2514 Bbls Of Slickwater. Avg Rate 40 BPM @ 2500 PSI Avg Pressure. Max Pressure 2800 PSI, And Max Sand Conc 2#/ Gal. ISIP 900 PSI.