

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG * -5 PM 1:31									
1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐					5. LEASE DESIGNATION AND SERIAL NO. SF-078194				
b. TYPE OF COMPLETION: NEW WORK DEEP- DIFF. WELL ☒ OVER ☐ EN ☐ RESVR. ☐ OTHER					6. IF INDIAN, ALLOTTEE OR TRIBE NAME LUDWICK LS				
2. NAME OF OPERATOR CONOCO INC.					7. UNIT AGREEMENT NAME LUDWICK LS				
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424					8. FARM OR LEASE NAME, WELL NO. 21M				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 820' FNL - 1605' FWL, UNIT LETTER C At top prod. Interval reported below At total depth					9. API WELL NO. 30-045-29565				
10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA					11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 31, T30N-R10W				
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH SAN JUAN COUNTY			13. STATE NM		
15. DATE SPUDDED 4-15-98	16. DATE T.D. REACHED 5-3-98	17. DATE COMPL. (Ready to prod.) 6/2/98	18. ELEV. (DF, RKB, RT, GR, ETC) * 6086'	19. ELEV. CASINGHEAD					
20. TOTAL DEPTH, MD & TVD 7092'		21. PLUG, BACK T.D. MD. & TVD 7092'		22. IF MULTIPLE COMPL. HOW MANY * 2		23. INTERVALS DRILLED BY ROTARY ☒ CABLE ☐ TOOLS ☒ TOOLS ☐			
24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) * 6889' - 7030' BASIN DAKOTA								25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN DUAL BURST THERMAL DECAY TIME LOG, CEMENT BOND LOG								27. WAS WELL CORED	
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#	262'	12-1/4"	135 SX					
7"	23#	2812'	8-3/4"	340 SX					
4-1/2"	9.5#/10.5#	7092'	6-1/4"	415 SX					
29. LINER RECORD					30. TUBING RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)		
					2-3/8"	6900' (test)			
						6904' (final)	DHC # 1915		
31. PERFORATION RECORD (Interval, size and number)					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				
					DEPTH INTERVAL (MD)				
					AMOUNT AND KIND OF MATERIAL USED				
33. * PRODUCTION									
DATE FIRST PRODUCTION 6/2/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) FLOWING				WELL STATUS (Producing or shut-in) PRODUCING (DHC #1915)			
DATE OF TEST 5-15-98	HOURS TESTED 24 HRS	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD	OIL - BBL 1	GAS - MCF 660 MCF GPD	WATER - BBL 1	GAS - OIL RATIO		
FLOW, TUBING PRESS 105#	CASING PRESSURE 305# SICP	CALCULATED 24 - HR RATE	OIL - BBL 1	GAS - MCF 660 MCF GPD	WATER - BBL 1	OIL GRAVITY - API (CORR)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED						TEST WITNESSED BY Wes Herrera/Efrian Moline - Big A Well Svc			
35. LIST OF ATTACHMENTS Summary									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available									
SIGNED				TITLE DEBRA BEMENDERFER, As Agent for Conoco Inc. DATE June 3, 1998					

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

NMOCD

ACCEPTED FOR RECORD
JUN 18 1998
FARMINGTON DISTRICT OFFICE
BY

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
				CLIFFHOUSE	4083'	
				CLIFFHOUSE-massive	4167'	
				MENEFEE	4206'	
				POINT LOOKOUT	4770'	
				GALLUP	6029'	
				GREENHORN	6770'	
				GRANEROS	6830'	
				DAKOTA	6887'	

6071