

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE *
(See other instructions on
reverse side)FORM APPROVED
OMB NO. 1004-0197
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *						5. LEASE DESIGNATION AND SERIAL NO. CONT. 105	
1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER						6. IF INDIAN, ALLOTTEE OR TRIBE NAME JICARILLA INDIAN #6	
						7. UNIT AGREEMENT NAME JICARILLA A	
b. TYPE OF COMPLETION: NEW WORK DEEP- DIFF. WELL <input checked="" type="checkbox"/> OVER <input type="checkbox"/> EN <input type="checkbox"/> RESVR. <input type="checkbox"/> OTHER						8. FARM OR LEASE NAME, WELL NO. 8M	
2. NAME OF OPERATOR CONOCO INC.						9. API WELL NO. 30-039-25737	
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424						10. FIELD AND POOL, OR WILDCAT BLANCO MESA VERDE	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 1190' FSL & 1850' FWL, UNIT LETTER "N" At top prod. Interval reported below At total depth						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA N SEC. 23, T-26-N, R-04-W	
				14. PERMIT NO.		DATE ISSUED	
				12. COUNTY OR PARISH RIO ARriba		13. STATE NM	
15. DATE SPUDDED 01-17-98		16. DATE T.D. REACHED 02-03-98		17. DATE COMPL. (Ready to prod.) 02-21-98		18. ELEV. (DF, RKB, RT, GR, ETC) * RKB 6887'; GR 6823'	
19. ELEV. CASINGHEAD							
20. TOTAL DEPTH, MD & TVD 7915'		21. PLUG, BACK T.D. MD. & TVD 8215'		22. IF MULTIPLE COMPL. HOW MANY *		23. INTERVALS DRILLED BY ROTARY CABLE TOOLS <input type="checkbox"/> TOOLS <input type="checkbox"/>	
24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 5641' - 5798' 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	
8-5/8"		36#		340'		12-1/4"	
7"		23#		3792'		8-3/4"	
4-1/2"		11.6#		7915'		6-1/4"	
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED					
250 SX							
511 SX							
505 SX							
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *	
2-3/8"		5392' (TEST)		BP @ 7445'			
7805'(FINAL)		DHC #1645					
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 02-21-98		PRODUCTION METHOD (Flow logs, gas lift, pumping - size, and type of pump) FLOWING				WELL STATUS (Producing or shut-in) PRODUCING - DHC #1645	
DATE OF TEST 02-20-98		HOURS TESTED 24 HRS		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD	
OIL - BBL 5		GAS - MCF 792 MCFD		WATER - BBL 10		GAS - OIL RATIO	
FLOW TUBING PRESS 120#		CASING PRESSURE 655#		CALCULATED 24 - HR RATE		OIL - BBL 5	
GAS - MCF 792 MCFD		WATER - BBL 10		OIL GRAVITY - API (CORR)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED						TEST WITNESSED BY GENARO MAEZ w/ FLINT ENGINEERING	
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 Agent for Conoco Inc. DATE 02-25-98							

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

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	MEAS. DEPTH	TRUE VERT. DEPTH
			JICARILLA A-8M	Ojo Alamo	2974	
				Fruitland Fma	3200	
				Pictured Cliffs	3483	
				Lewis	3641	
				Chacra	4434	
				Cliffhouse	5143	
				Menefee	5251	
				Point Lookout	5637	
				Mancos	6124	
				U. Gallup	6770	
				M. Gallup	7000	
				Tocito	7215	
				Greenhorn	7613	
				Greaneros	7672	
				Dakota	7707	

COPY

CONOCO INC.
JICARILLA A-8M
API # 30-039-25737
SEC 23 T26N - R04W UNIT LETTER "N"
1190' FSL - 1850' FWL

02/06/98 Could not get to location, but close.

02/10/98 Rig to location, could not RU because of mud, moved mud & finally MIRU.

02/11/98 NUBOP, took 28.96 bbls to load. Calc TOC @ 2742' from surface. RIH, tagged cmt @ 7721'. Drilled cmt to float collar @ 7867'. DO float collar & cmt to 7910', circ clean & tested csg to 4200 psi, OK.

02/12/98 Finish POOH w/2-3/8" tbg & bit. RU & ran TDT/GR/CCL log from 7912' wireline PBD to 2900'.

02/13/98 RU BJ & perf DK w/ 3-1/8" HSC w/ .32" hole size. Perf @ 7710-17-19-21-23-25-27-32-35-38-7803-05-07-09-33-35-41-43-51-54-57-61-63-73-75-79-82-85-89-91, total holes 30. Press up on perfs & formation broke @ 2500 psi. RU BJ acidize, w/ 500 gals, 15% HCl acid w/45 ball sealers, avg. rate 8.5 BPM @ 1800 psi avg. press. Well balled off, max. press 3500 psi, RIH, retrieved 44 balls w/30 hits.

02/16/98 Fraced DK w/124,000# of 20/40 Ottawa sand & 12,000# of 20/40 SDC sand. Total pumped 1865 bbls of 15# X-Link gel, avg. rate 30BPM @ 3500 psi avg. press. Max press 3800 psi. ISIP 2050 psi. Set Fas Drill plug @ 5950'. Test plug to 3000 psi, OK. RIH & perf MV w/3-1/8" HSC. Perf @ 5641'-45-49-83-87-62-69-73-77-81-84-87-90-97-5711-15-19-23-27-31-35-41-43-55-57-64-72-74-79-85-96-98. Total holes 32. Acidized w/500 gals 15% HCl acid w/45 ball sealers. Avg. rate 12 BPM @ 550 psi avg. press. ISIP 150 PSI, RIH, retrieved 44 balls w/31 hits. Fraced MV w/100,000# of 20/40 AZ sand & 6500# of 20/40 SDC sand. Total pumped 1833 bbls of 15# X-Link gel. Avg. rate 43 BPM @ 1000 psi, max. press 1800 psi. ISIP vacuum.

02/17/98 Csg on vacuum. RIH & 2-3/8" tbg. Run to 5392', stop above perfs.

02/18/98 Tbg & mill @ 5392', started drill gas comp & unloaded well w/gas, set @ this depth & unloaded 180 bbls of H2O.

02/19/98 RIH & tagged sand @ 5765' cleaned sand to 5928'. Cont. clean up @ 5928', pull up to 5392'.

02/20/98 Blow well & start clean up, flow tested the MV thru 1/2" choke, TP 120 psi & CP 655 psi, 792 MCFPD, w/ 5 oil, 10 water. Tested MV w/ bottom of tbg @ 5392'. RIH & tagged sand @ 5923'. Gas comp & cleaned to Hallib Fas Drill plug @ 5950'. Drilled up plug @ 5950'. Pulled tbg to 5392', test witnessed by Genaro Maez w/ Flint Construction.

02/23/98 DK test w/ 2-3/8" tbg @ 5392', thru 1/2" choke, Tested well @ TP 200 psi, CP 695 psi, 10 oil & 15 water. This was w/ both MV & DK open & flowing. Test witnessed by Patrick Knight w/ Big A Well Service. RIH w/ tbg & tagged sand @ 7823'. Gas comp & cleaned to PBD @ 7912'. POOH, RIH, ran tbg to 5392'.

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98 FEB 26 PM 3: 01

OFF ALBUQUERQUE, N.M.

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG *						5. LEASE DESIGNATION AND SERIAL NO. CONT. 105	
1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER 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						6. IF INDIAN, ALLOTTEE OR TRIBE NAME JICARILLA INDIAN #6	
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2. NAME OF OPERATOR CONOCO INC.						8. FARM OR LEASE NAME, WELL NO. 8M	
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424						9. API WELL NO. 30-039-25737	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 1190' FSL & 1850' FWL, UNIT LETTER "N" At top prod. Interval reported below At total depth						10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA	
14. PERMIT NO. DATE ISSUED						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA ✓ SEC. 23, T-26-N, R-04-W	
						12. COUNTY OR PARISH RIO ARriba	
15. DATE SPUDDED 01-17-98		16. DATE T.D. REACHED 02-24-98		17. DATE COMPL. (Ready to prod.) 02-25-98		13. STATE NM	
20. TOTAL DEPTH, MD & TVD 7915'		21. PLUG, BACK T.D. MD. & TVD 8215' 7912'		18. ELEV. (OF, RKB, RT, GR, ETC) * RKB 6887'; GR 6823'		19. ELEV. CASINGHEAD	
24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 7710' - 7891' BASIN DAKOTA						23. INTERVALS DRILLED BY ROTARY <input type="checkbox"/> CABLE <input type="checkbox"/> TOOLS <input type="checkbox"/> TOOLS <input type="checkbox"/>	
26. TYPE ELECTRIC AND OTHER LOGS RUN						25. WAS DIRECTIONAL SURVEY MADE	
28. CASING RECORD (Report all strings set in well)						27. WAS WELL CORED	
CASING SIZE/GRADE		WEIGHT, LB/FT		DEPTH SET (MD)		HOLE SIZE	
8-5/8"		36#		324' 224		12-1/4"	
7"		23#		3789' 1500		8-3/4"	
4-1/2"		11.6#		7915'		6-1/4"	
29. LINER RECORD		30. TUBING RECORD		TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *	
						SCREEN (MD)	
						2-3/8"	
						5392' (TEST)	
						BP @ 7445'	
						7805' (FINAL)	
						DHC #1645	
31. PERFORATION RECORD (Interval, size, and type of pump)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
SEE ATTACHED SUMMARY RECEIVED MAR - 9 1998 OIL CON. DIV. DIST. 3						DEPTH INTERVAL (MD)	
						AMOUNT AND KIND OF MATERIAL USED	
33. * PRODUCTION							
DATE FIRST PRODUCTION 02-24-98		PRODUCTION METHOD (Flowing gas lift, pumping - size, and type of pump) FLOWING				WELL STATUS (Producing or shut-in) PRODUCING - DHC #1645	
DATE OF TEST 02-23-98		HOURS TESTED 24 HRS		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD	
						OIL - BBL 5	
						GAS - MCF 528 MCFD	
						WATER - BBL 5	
						GAS - OIL RATIO	
FLOW. TUBING PRESS 80#		CASING PRESSURE 695#		CALCULATED 24 - HR RATE →		OIL - BBL 5	
						GAS - MCF 528 MCFD	
						WATER - BBL 5	
						OIL GRAVITY - API (CORR)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED						TEST WITNESSED BY PATRICK KNIGHT w/BIG A	
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