

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT 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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>						5. LEASE DESIGNATION AND SERIAL NO. SF 078840	
b. TYPE OF COMPLETION: NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEP- <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL <input type="checkbox"/> OVER <input type="checkbox"/> EN <input type="checkbox"/> RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR CONOCO INC.						7. UNIT AGREEMENT NAME SAN JUAN 28-7	
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500						8. FARM OR LEASE NAME, WELL NO. SAN JUAN 28-7 #113M	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 965' FSL & 1725' FEL, UNIT LETTER 'O' At top prod. Interval reported below At total depth						9. API WELL NO. 30-039-25886	
14. PERMIT NO.						10. FIELD AND POOL, OR WILDCAT BLANCO MESA VERDE	
DATE ISSUED						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 18, T27N-R07W	
15. DATE SPUDDED 10-26-98						12. COUNTY OR PARISH RIO ARRIBA	
16. DATE T.D. REACHED 7393' 11/2/98						13. STATE NM	
17. DATE COMPL. (Ready to prod.) 12-04-98						19. ELEV. CASINGHEAD 6572'	
18. ELEV. (DF, RKB, RT, (GR) ETC) *						19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 7517'						21. PLUG, BACK T.D. MD. & TVD 7513'	
22. IF MULTIPLE COMPL. HOW MANY *						23. INTERVALS DRILLED BY ROTARY <input 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)* 4842'-5343' BLANCO MV						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#		285'		12-1/4"	
7"		23#		3230'		8-3/4"	
4-1/2"		10.5#		7515'		6-1/4"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *	
2-3/8"		7393'		PACKER SET (MD)			
30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *	
2-3/8"		7393'		PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number)							
See Attached Summary							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
33. * PRODUCTION							
DATE FIRST PRODUCTION 12-04-98		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing DHC#2038	
DATE OF TEST 11-30-98		HOURS TESTED 24 HRS.		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD	
OIL - BBL 5		GAS - MCF 594		WATER - BBL 15		GAS - OIL RATIO	
FLOW. TUBING PRESS 90		CASING PRESSURE 400		CALCULATED 24 - HR RATE		OIL - BBL 5	
GAS - MCF 594		WATER - BBL		OIL GRAVITY - API (CORR)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED						TEST WITNESSED BY Victor Barrios w/Key Energy	
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>Debra Bemenderfer</u> TITLE <u>DEBRA BEMENDERFER, As Agent for Conoco Inc.</u> DATE <u>12-08-98</u>							

* (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.

NMCO

CONOCO INC.
San Juan 28-7 Unit 113M
API #30-039-25886
965' FSL - 1725' FEL, UNIT LETTER "O"
Sec. 18, T27N-R07W

COPY

- 11/6/98 MIRU Key Energy #5, blade location, equipment could not get to location due to weather.
- 11/9/98 Spot equipment & tbg, tally, PU & TIH w/3 7/8" bit & 2 3/8" tbg tag cmt @7380', DO CMT to FC @ 7474', DO FC & CMT to 7512', circ clean w/1% KCL, load 4 1/2" X 7" annulus w/12 bbls 1% KCL & test to 500# OK, test 4 1/2" csg to 4000# OK, TOO H w/bit & tbg.
- 11/10/98 RU Schlumberger WL, run TDT/GR/CBL from 7513' (PBTD) to 1600', RD WL.
note: Schlumberger TDT tool failed on two attempts to log, rigged up WL @ 9 am rigged down @10:30 pm
- 11/11/98 RU Blue Jet WL, perf DK from 7289 - 7501' w/31 shots as follows: 7289', 91', 99', 7301', 15', 17', 63', 66', 69', 73', 78', 84', 89', 7405', 14', 17', 20', 23', 35', 40', 45', 48', 51', 59', 62', 65', 70', 83', 85', 99', 7501', RD WL, TIH w/Hbton 4 1/2" PPI tool on 10' spacing, RU BJ acid pump, BD all above perfs in 13 sets of PPI tool, pumped 1 1/4 bbl 15% HCL per set, Max 4000#, Avg 3200#, all perfs broke down, RD BJ, TOO H w/PPI tool, NU 6" frac valve & "Y", ready to frac Monday Nov 16th waiting on better weather, rig crew on stand by Nov 12th & 13th.
- 11/12-17 Stand by wait on weather
- 11/18/98 RU BJ frac equip, test lines 5000#, frac DK w/62,000G 15# XL gel w/94,000# 20/40 Ottawa & 26,000# 20/40 SDC @ 42 BPM, Max 3300#, Avg 2600#, Max sand conc 3#/gal, ND BJ & frac valve, RU Blue Jet WL, RIH set Hbton 4 1/2" comp BP @ 5500' test 4000# OK.
- 11/19/98 Perf L.Menefee/Lower Point Lookout w/30 shots as follows: 5157', 59', 70', 72', 5214', 16', 25', 29', 5233', 37', 41', 45', 53', 55', 61', 69', 85', 88', 91', 98', 5304', 07', 10', 13', 21', 24', 27', 30', 5343', RD WL, TIH w/Hbton 4 1/2" PPI tool on 10' spacing on 2 3/8" tbg I, BD L.Mene/PLO perfs in 12 sets w/650G 15% HCL, spotted 3 bbls 15% HCL, pumped 1 bbl 15% HCL into each set of PPI tool, Max breakdown 2800#, avg 1000#, no ISIP (control valve in PPI tool), RD acid pump, RIH w/sandline RET control valve from PPI tool, TOO H w/PPI tool, NU frac valve & Y, RU BJ, frac L.Mene/PLO w/56,000G 15# XL gel w/74,000# 20/40 AZ & 30,000# 20/40 SDC @ 45 BPM, Max 1800#, Avg 1400#, ISIP 280#, Max sand conc 3#/gal, RD BJ & ND frac valve & Y, RU WL, RIH set Hbton 4 1/2" comp BP @ 5125' test 4000# ok, perf Menefee w/23 shots as follows: 4842', 45', 48', 54', 59', 61', 83', 86', 89', 4907', 11', 15', 44', 51', 5043', 46', 49', 64', 66', 91', 94', 5097', RD WL, TIH w/Hbton 4 1/2" PPI tool on 2 3/8" tbg to 4500'.
- 11/20/98 Cont in hole w/PPI tool, RU BJ acid pump, BD Menefee perfs w/PPI tool using 500 G 15% HCL spotted 3 bbls across perfs then pumped 1 bbl 15% HCL per set of 9 sets of PPI tool, Max breakdown 2900#, Avg 1500#, no ISIP due to control valve in PPI tool, RD acid pump, RIH w/ret tool on sandline, ret control valve from PPI tool, TOO H w/tbg & PPI tool, NU frac valve & Y, NU BJ, frac Menefee w/48,100 G 15# XL gel w/66,760# 20/40 AZ & 33,440# 20/40 SDC @ 37 BPM, Max 2800#, Avg 2650#, ISIP 1700#, Max sand conc 3#/gal, RD BJ, ND frac valve & Y, SDON will start clean out Monday Nov 23rd.
- 11/23/98 Csg - 150 psi. RIH with 3 7/8" Baker Metal Muncher Mill, and 2 3/8" tbg. Tag fill @ 4851' pull up to 4725'. Rig up 2 drill gas compressors, and 6" blowie line. Started 1 drill gas compressor, (could not get other drill gas compressor to run, called compressor mechanic). Unloaded hole @ 4725'. Well making heavy water, unloaded water 3 times.

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- 11/24/98 Csg - 400 psi. Tbg - 0 psi. RIH and tagged sand @ 4850'. Started 2 drill gas compressors and cleaned sand to Hallib. Fas Drill Plug @ 5125'. Drilled up Hallib Fas Drill Plug @ 5125'. Continued in hole to 5140'. Pumped soap sweeps to allow well to clean up. Pulled up to 4800'.
- 11/25/98 Csg 440#, Tbg 0#, TIH from 4800' to tag fill 5100' CO fill to next BP @ 5500' circ clean w/soap sweeps, attempt to flow well up tbg for test, loaded w/fluid, PU tbg to 4851' SD over holiday weekend, will resume operations Monday Nov 30th.
- 11/30/98 940# csg, 900# tbg, flow tbg to pit thru 2" for 2 hrs, install 1/2" choke flow for 2 hrs, MV test as follows: Tbg 90# behind 1/2" choke, Csg 400#, 15 BWPD, 5 BOPD, 594 MCFD, test witnessed by Victor Barrios w/Key Energy, remove choke TIH from 4851' to tag fill @ 5480' (20' of fill), CO to top of BP @ 5500' DO BP, well fluid increased, stay @ 5520' w/tbg to unload fluid w/gas comps & soap sweeps PU tbg to 4753', turn over to drywatch.
- 12/1/98 Drywatched overnight, tbg 50# thru 2", csg 415#, TIH from 4753' to tag fill @ 7350', 162' of fill over PBTD, CO fill w/gas & foam sweeps to 7513', circ clean, PU Tbg to 7203', turn over to drywatch.
- 12/2/98 Drywatched well thru night, flowing 65# tbg thru 2", 440# csg, TIH from 7203' to tag fill @ 7452' (60' of fill), CO to PBTD @ 7513' w/gas comps & soap sweeps, circ clean, install 1/2" choke for DK test as follows: 65# tbg, 410# csg, 5 BWPD 1 BOPD, 396 MCFD, test witnessed by Victor Barrios w/Key Energy, remove choke and continue flowing well thru 2" to clean up, TOOH w/metal muncher bit, TIH w/1/2 muleshoe & 2 3/8" SN & 2 3/8" tbg to 7289', circ w/gas to unload well, turn over to drywatch to flow tbg overnight.
- 12/3/98 Drywatched overnight 65# tbg thru 2" to pit, TIH from 7289' to 7497' (15' of fill) CO to PBTD @ 7513', circ clean w/gas & soap sweeps, making very little sand & oil cut fluid, PU tbg to 7460', turn over to drywatch.
- 12/4/98 Well flowed overnight up tbg, TIH from 7460' to tag fill @ 7508', (4' of fill overnight), CO w/gas & soap sweeps to PBTD @ 7513', circ clean w/gas, PU tbg to 7393', land w/233 jts new 2 3/8" tbg w/SN & 1/2 muleshoe on bottom, NDBOP, NUWH, RDMO Final report