

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

RECEIVED  
MAY 17 PM

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 078972	
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 checked="" type="checkbox"/> OTHER <input type="checkbox"/>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME San Juan 28-7	
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 (915) 686-5424						8. FARM OR LEASE NAME, WELL NO. San Juan 28-7 Unit #181	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1180' FSL & 820' FWL, UNIT LETTER "M" At top prod. Interval reported below At total depth						9. API WELL NO. 30-039-20775	
10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 03, T27N-R07W	
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH Rio Arriba County	
15. DATE SPUDDED 11-17-73				16. DATE T.D. REACHED		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 5-11-99				18. ELEV. (DF, RKB, RT, GR, ETC) * 6776' GL		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 7866'		21. PLUG, BACK T.D. MD. & TVD 7859'		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) * 5028' - 5735' BLANCO MESA VERDE						25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN 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#	241'	12 1/2"	225 SXS			
7"	23#	3688'	8 3/4"	269 SXS			
4 1/2"	10.5/11.6#	7866'	6 1/4"	642 SXS			
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"	7707'	
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 5-11-99		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing DHC #2232	
DATE OF TEST 5-7-99	HOURS TESTED 24 hrs	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD	OIL - BBL 1/2 bbl	GAS - MCF 792 MCFPD	WATER - BBL 5 bbl	GAS - OIL RATIO
FLOW TUBING PRESS 120#	CASING PRESSURE 400#	CALCULATED 24 - HR RATE	OIL - BBL 1/2 bbl	GAS - MCF 792 MCFPD	WATER - BBL 5 bbl	OIL GRAVITY - API (CORR)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) V						TEST WITNESSED BY Cliff Cope 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 Verla Johnson				TITLE VERLA JOHNSON, As Agent for Conoco Inc. DATE 5-13-99			

NMOCD

[illegible]

CONOCO INC.  
**San Juan 28-7 Unit #181**  
API #30-039-20775  
1180' FSL & 820' FWL, UNIT LETTER "M"  
Sec. 03, T27N-R07W

**4/27/99** MIRU. Spot all equipment. Kill well with 2% KCL water. NDWH & NUBOP. Pick up 3 jts. of 2 3/8" and tagged fill. Tally all 2 3/8" tubing. Tagged fill @ 7840'. TOTAL TUBING in well 247 jts. @ 7753' with SN on bottom. Stand all tubing in derrick.

**4/28/99** Rig up Blue Jet. Set Hallib 4 1/2" Fas Drill Plug @ 5825'. Tested 4 1/2" casing and plug to 3000 psi - OK. Ran Gamma Ray/ CBL log from 5826' to 4898'. Good cement covering zone. Correlated to open hole log. Perf Point Lookout / Menefee (MV) with 3 1/8" HSC select fire with 11 gram charge, with .32" hole size. Perf @ 5381- 84- 87- 93- 95- 99- 5601- 04- 07- 10- 18- 23- 25- 27- 32- 34- 36- 53- 59- 70- 72- 80- 82- 92- 94- 99- 5702- 05- 23- 25- 33- 5735. Total holes 32. Rig down Blue Jet. Pumped into perfs. NU Frac Valve & Frac Y. Prep well to acidize & frac.

**4/29/99** Rig up BJ to acidize Point Lookout / Menefee (MV). Acidized with 500 gals 15% HCL Acid with 50 ball sealers. Avg rate 10 BPM @ 450 psi avg pressure. Max pressure 2600 psi. Good ball action. Well did not ball off. ISIP - 950 psi. Rig up Blue Jet to retrieve balls. RIH and retrieved 33 balls with 30 hits. Rig up BJ to frac. Fraced Point Lookout / Menefee (MV) with 77,000# of 20/40 AZ sand and 18,000# of 20/40 SDC sand. Total treating fluid pumped 1055 bbls of 15# X - Link Gel. Avg treating pressure 1000 psi @ 40 BPM avg rate. Max sand conc 3#/ Gal. (NOTE: HAD PROBLEMS KEEPING RATE DURING 3# SDC STAGE & FLUSH, PROBLEM WITH SUCTION ON BLENDER). Were 10 BBLS short on flush, well screened off. ISIP - 1430 psi. Was 0 psi in 7 min. Set Hallib Fas Drill Plug @ 5208'. Top of fish @ 5199'.

**4/30/99** RIH with 2 3/8" tubing with Overshot. Tagged sand @ 4875'. Circulated and cleaned sand to fish @ 5199'. Caught fish and POOH with 2 3/8" tubing with Setting tools. Tested Casing and plug to 3000 psi. Rig up Blue Jet, perf Cliffhouse with 3 1/8" HSC with 11 gram charge, with .32" hole size. Perf @ 5028 - 30- 32- 42- 44- 79- 81- 83- 85- 87- 89- 5101- 03- 05- 13- 15- 17- 34- 36- 38. Total holes 20. Rig up BJ to Acidize. Acidized with 500 gals of 15% HCL Acid with 30 ball sealers. Avg treating pressure 1800 psi @ 7 bpm avg rate. Max pressure 2900 psi. Had Good ball action. Well balled off. RIH with wireline junk basket, retrieved 30 balls with 19 hits. Rig up BJ to frac. Fraced Cliffhouse (MV) with 43,360# of 20/40 AZ sand and 12,040# of 20/40 SDC sand. Total treating fluid pumped 682 bbls of 15# X - Link Gel. Avg treating pressure 1500 psi @ 30 BPM avg rate. Max sand conc 3#/Gal. Max pressure 2100 psi. ISIP - 720 psi.

**5/3/99** Spotted all equip. Connected all drill gas compressors, and 6" Blewey Line. Tested all lines for leaks. RIH with 102 jts of 2 3/8" tubing with Baker Metal Muncher Mill.

**5/4/99** With 2 3/8" tubing @ 3126', start 2 drill gas compressors and unload well. RIH and tagged sand @ 5076'. Start up 2 drill gas compressors and clean sand to 5140'. Circulated well, and allowed well to clean up. Well still making sand and fluid. Pull tubing to 4769'. NOTE: RAN 2 DRILL GAS COMPRESSORS 8 HRS EACH

**5/5/99** RIH and tagged fill @ 5100'. Started 2 drill gas compressors and cleaned sand to Hallib Fas Drill Plug @ 5208'. Drilled up Hallib Fas Drill Plug @ 5208', and circulated clean to 5228'. Circulated and cleaned well, well still making sand and fluid. Pull tubing to 5000'. Tried to drywatch well, but well logged off. NOTE: RAN 2 DRILL GAS COMPRESSORS 9 HRS EACH

**5/6/99** RIH with tubing. Tagged sand @ 5614'. Started 2 drill gas compressors. Cleaned sand to Hallib Fas Drill Plug @ 5820'. Circulated to clean well up. Pull 2 3/8" tubing up the hole to 5001'. Blow well around with compressors; install 1/2" choke nipple. Will flow well thru the night, to test MV formation. NOTE: RAN 2 DRILL GAS COMPRESSORS 9 HRS EACH.

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**5/7/99** Drywatched and tested well thru the night. With 2 3/8" tubing @ 5001', flowed well up the tubing with 1/2" choke nipple. TBG - 120 psi, Csg - 400 psi. MCFPD = 792. 1/2 - BBL OIL, 5 - BBL WATER. Test witnessed by Cliff Cope with Key Well Service. Continue to RIH with 2 3/8" tubing with Baker Metal Muncher Mill. Tagged fill @ 5810'. Started 2 drill gas compressors and cleaned sand to Hallib 4 1/2" Fas Drill Plug @ 5825'. Drilled up Hallib Fas Drill Plug @ 5825'. Circulated clean and continued to RIH to 6475'. Circulated clean and pulled up the hole to 5001'. Flowed well up the tubing. Will drywatch thru the weekend, to allow well to clean up.

**5/10/99** Well flowed thru the weekend, to allow well to clean up. Csg - 380 psi and Tbg - 300 psi. Well flowed up the tubing with 1/4" choke nipple. RIH with 2 3/8" tubing and Baker Metal Muncher Mill. Tagged fill @ 7802'. Started up 2 drill gas compressors and cleaned fill to PBTD @ 7859'. Circulated clean. POOH with 2 3/8" tubing with Baker Metal Muncher Mill. RIH with 2 3/8" tubing with, SN and Mule Shoe Collar on bottom. Run tubing to 7712'. Will check for fill in the morning. NOTE: RAN 2 DRILL GAS COMPRESSORS 6 HRS EACH.

**5/11/99** Continue to RIH with 2 3/8" tubing. Tagged fill @ 7846'. Started 2 drill gas compressors and cleaned fill to PBTD @ 7859'. Circulated wellbore clean. Pulled up and landed 2 3/8" tubing @ 7707'. Total 2 3/8" tubing 245 jts. Mule Shoe Collar & SN on bottom. ND Blewey Line. NDBOP & NUWH. Start up 2 drill gas compressors and unload well. Rig down and move off location. NOTE: THIS WELL IS NOW A MV/DK (DHC) FINAL REPORT