

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 078497-A			
b. TYPE OF COMPLETION: NEW <input type="checkbox"/> WOFK <input type="checkbox"/> DEEP- <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL <input checked="" 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 Unit			
3. ADDRESS OF OPERATOR P.O. Box 2197, DU 3066, Houston, TX 77252-2197 (281) 293-1613				8. FARM OR LEASE NAME, WELL NO. San Juan 28-7 Unit #219M			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 1480' FSL & 790' FWL, UNIT LETTER "L" At top prod. Interval reported below At total depth				9. API WELL NO. 30-039-26172			
14. PERMIT NO.				DATE ISSUED		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
5. DATE SPUDDED 12-7-99		16. DATE T.D. REACHED 12-20-99		17. DATE COMPL. (Ready to prod.) 1-11-00		11. SEC., T., R. M., OR BLOCK AND SURVEY OR AREA Sec. 20, T28N-R7W	
20. TOTAL DEPTH, MD & TVD 7425'		21. PLUG, BACK T.D. MD. & TVD 7357'		18. ELEV. (DF, RKB, RT, GR, ETC) * 6219' GL		12. COUNTY OR PARISH Rio Arriba County	
22. IF MULTIPLE COMPLETIONS, HOW MANY *		23. INTERVALS DRILLED BY ROTARY <input checked="" type="checkbox"/> CABLE <input type="checkbox"/> TOOLS <input checked="" type="checkbox"/> TOOLS <input type="checkbox"/>		19. ELEV. CASINGHEAD		13. STATE NM	
24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 7077' - 7288' Basin Dakota				25. WAS DIRECTIONAL SURVEY MADE			
26. TYPE ELECTRIC AND OTHER LOGS RUN Cement Bond Log and RA - Tracer Log.				27. WAS WELL CORED			
8. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB/FT		DEPTH SET (MD)		HOLE SIZE	
9 5/8"		36#		460'		12 1/4"	
4 1/2"		10.5#		7443'		7 7/8"	
						275 sxs	
						2200 sxs	
9. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		7175'					
31. PERFORATION RECORD (Interval, size and number)							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
				SWF			
3. * PRODUCTION							
DATE FIRST PRODUCTION 1-11-00		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1-8-00		HOURS TESTED 24 hrs.		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD 3 bbls	
FLOW TUBING PRESS 170#		CASING PRESSURE 450#		CALCULATED 24 - HR RATE		OIL - BBL 3 bbls	
						GAS - MCF 1122 MCFPD	
						WATER - BBL 18 bbls	
						GAS - OIL RATIO	
14. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) V				TEST WITNESSED BY Ray G. Mills Gissendanner W&R Construction			
5. LIST OF ATTACHMENTS Summary							
16. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Verla Johnson</u>				TITLE <u>VERLA JOHNSON, As Agent for Conoco Inc.</u> DATE <u>1-20-00</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.

NMOC

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)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC	35. OF		
				NAME	MEAS DEPTH	TRUE VERT DEPTH
			San Juan 28-7 Unit #219M	Ojo Alamo	1990'	
				Kirtland	2041'	
				Fruitland Fm.	2575'	
				Picture Cliffs	2825'	
				Lewis	2965'	
				Charcra	3762'	
				Cliffhouse	4433'	
				Menefee	4572'	
				Point Lookout	5018'	
				Mancos	5410'	
				Gallup	6240'	
				Greehorn	6968'	
				Graneros	7030'	
				Two Wells	7073'	
				Paguate	7203'	
				Cubero	7228'	
				Oak Canyon	7330'	
				Morrison	7398'	

CONOCO INC.
San Juan 28-7 Unit #219M
API #30-039-26172
1480' FSL & 790' FWL, UNIT LETTER "L"
Sec. 20, T28N-R7W

12/27/99 Road rig to location. Spot rig and rig up. Spot all equipment. ERC on location, to install tubing head. NUBOP. RIH with 3 7/8" bit and 2 3/8" tubing. Pick up and tally 2 3/8" tubing from the trailer. Run a total of 102 jts @ 3232'. (NOTE: surface casing had 105 psi gas pressure)

12/28/99 Continue to tally and RIH with 2 3/8" tubing with bit. Tag top of cement @ 7350' with 232 jts. Rigged up power swivel and drilled 7' of cement to 7357' KB. Circulated well clean with Clean 2% KCL City Water. Pressure test casing to 3500 psi. OK. Lay down power swivel, and POOH with 2 3/8" tubing with bit. Rig up Blue Jet. Ran CBL/GR/CCL from 7355' to 4250'. TOC @ 5076'. Most of MV does not have any cement. CBL was run with 1000 psi casing pressure. **(NOTE: Craig Moody talked to Wayne Townsend with BLM and the BLM agreed to let us go ahead and complete the Dakota and squeeze cement before we complete the MV.)**

12/29/99 Rig up Blue Jet to perf Dakota. Perf (Cubero) @ 7247-48-65-67-69-70-78-80-82-86-7288. Total holes 11. Perf (Paquate) @ 7204-06-08-10-12-14-7216. Total holes 7. Perf (Two Wells) @ 7077-79-81-83-85-87-94-96-98- 7100-02-04-7106. Total Holes 13. Rig up Blowie line. RIH with Hallib RBP & Packer with 2 3/8" tubing. Set RBP @ 7318' and pulled packer up to 7288' with packer unset, rigged up American Energy and spotted 250 gals of 15% HCL Acid over the Dakota Perfs. Set packer @ 7230' and pumped 1 bbl acid into perfs, perfs broke @ 2300 psi, ISIP - 1200 psi. Released Packer and RBP, Set RBP @ 7240' and Packer @ 7166'. Pumped 1 bbl of acid. Perfs broke @ 1900 psi, ISIP @ 1000 psi. Released RBP and Packer. Set RBP @ 7145' and Packer @ 7040'. Pumped 1 bbl of acid. Perfs broke @ 1200 psi, ISIP @ 200 psi. No Communication between perfs noted. Released RBP & Packer.

12/30/99 Check well, Csg - 0 psi. Tbg - 500 psi. Blow well down. POOH with 2 3/8" tubing with Hallib RBP & Packer. RIH with 2 3/8" tubing with Mule Shoe Collar on bottom. Run to 5260' and start up 2 drill gas compressors. Unload well from 5260'. Continue to RIH with 2 3/8" tubing to 7357', start up 2 drill gas compressors and unload fluid. Continue to unload well and pump soap sweeps to allow well to clean up.

12/31/99 Check wellhead pressures. Csg - 1300 psi and Tbg - 1000 psi. Blow well down. Start up 2 drill gas compressors and unload well from 7357'. Shut down drill gas compressors, and let well blow down. Tested well thru 2" meter run, with chart recorder well tested @ 174 MCFPD this is the total of all 3 zones in Dakota before frac. POOH with 2 3/8" tubing with Mule Shoe Collar. Rig up Blue Jet and set Schlumberger RBP & Schlumberger Pressure gauges. Set bottom gauge @ 7233', set middle gauge @ 7150' and top gauge @ 7050'. RIH with 2 3/8" tubing and Schlumberger retrieving tool. Run tubing to 6737'.

1/3/00 Check well pressures. 0 - Psi on casing. (NOTE: this indicates that Schlumberger RBP is holding.) Continue to RIH with retrieving head, pump 20 bbls and released RBP @ 7050'. POOH with 2 3/8" tubing with Schlumberger RBP and Schlumberger pressure gauges. RIH with 2 3/8" tubing and Schlumberger retrieving head. Release RBP @ 7150'. POOH with 2 3/8" tubing with Schlumberger RBP and Schlumberger pressure gauges. RIH with 2 3/8" tubing and Schlumberger retrieving head. Run to 2200'.

1/4/00 Check well pressures. Csg 1100 psi. Continue to RIH with 2 3/8" tubing with Schlumberger Retrieving Head, released Schlumberger RBP @ 7233' and POOH with 2 3/8" with Schlumberger RBP & Pressure Gauge. Rig up frac valve and frac Y. Heat frac tanks. Prep well to frac.

CONOCO INC.
San Juan 28-7 Unit #219M
API #30-039-26172
1480' FSL & 790' FWL, UNIT LETTER "L"
Sec. 20, T28N-R7W

1/5/00 Check well pressures, Csg - 700 psi. Rig up BJ to acidize. Pumped 1000 gals of 15% HCL Acid with 50 each 1.3 SG ball sealers. Avg rate 20 bpm @ 2050 psi avg pressure. Max pressure 2500 psi. Well balled off. Rigged up Blue Jet, run junk basket. Retrieved 50 balls with 25 hits. Rigged up BJ to frac. Fraced well with 2000# of 100 mesh sand and 63,000# of 20/40 Brady sand. (Frac was designed for 80,000#, well was screening out, and was able to flush). Avg rate 40 BPM @ 3100 psi avg pressure. Max pressure 3300 psi. Max sand conc 1.5#/ gal. Total fluid pumped 1447 bbls of slickwater. ISIP - 2600 psi. 15 min. - 1700 psi. (NOTE: Frac was tagged with a single isotope RA material). Rigged down BJ. Started flowing well back. Will drywatch thru the night.

1/6/00 Drywatched and flowed well up the casing, well flowing thru 1/2" choke nipple. Well flowed thru the night. Pressure dropped down to 112 psi on the casing. Blow well down. RIH with 2 3/8" tubing with SN, and Mule Shoe Collar on bottom. Tagged sand @ 7267'. Started 2 drill gas compressors, and cleaned sand to PBTD @ 7357'. Pumped 2 soap sweeps to help well clean up. Pulled up to 6990'. Started flowing well up the tubing, with 1/2" choke nipple. Will drywatch and test.

1/7/00 Drywatched and flowed well up the tubing with 1/2" choke nipple. Well still making sand and fluid. Will drywatch and test thru the night.

1/8/00 Drywatched well thru the night. Well still flowing up the tubing with 1/2" choke nipple. Tested well as follows: with 2 3/8" tubing @ 6990', flowing thru 1/2" choke nipple. TBG - 170 psi. CSG - 450 psi, 1122 MCFPD, WATER - 18 bbls. OIL - 3 bbls. Test witnessed by Ray Sims and Willis Gisserdanner with L & R construction. Shut well in @ 5: 00 PM 1/8/2000.

1/10/00 Check well pressures. TBG - 1500 psi. CSG - 1000 psi. Blow well down. RIH and tag sand @ 7287' with KB. This is 70' of fill. Start up 2 drill gas compressors, and clean sand to PBTD @ 7357'. Pump soap sweeps to allow well to clean up. Pulled 2 3/8" tubing up to 7162' with KB added in.

1/11/00 Check well pressures. Tbg - 1650 psi. Csg - 1550 psi. Blow down. RIH and tagged sand @ 7347', for 10' of fill. Start up 2 drill gas compressors and cleaned sand to PBTD @ 7357'. Pumped soap sweeps. Rig up Blue Jet and ran GR/ Tracer log from 7352' to 6000'. Log shows that frac stayed in zone on top and bottom. Rigged down Blue Jet. Pulled up and landed 2 3/8" tubing @ 7175' with KB added in with 226 jts. Tubing landed with 1.78" SN and Mule Shoe Collar on bottom. NDBOP & NUWH. Unload well with gas compressors. Rig down. Rigged down equipment. FINAL REPORT (NOTE: THIS WELL IS A DAKOTA SINGLE. WILL COMPLETE THE MESA VERDE AND DHC AT A LATER DATE. SOME SQUEEZE WORK WILL BE REQUIRED)