

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE \*  
(See other in-  
structions on  
reverse side)FORM APPROVED  
OMB NO. 7004-0137  
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *						5. LEASE DESIGNATION AND SERIAL NO. NMSF 079290A	
1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> b. TYPE OF COMPLETION: NEW WORK DEEP- DIFF. 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	
						7. UNIT AGREEMENT NAME San Juan 28-7 Unit	
2. NAME OF OPERATOR CONOCO INC.						8. FARM OR LEASE NAME, WELL NO. San Juan 28-7 Unit #158E	
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500						9. API WELL NO. 30-039-23746	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 1140' FSL & 890' FEL, UNIT LETTER "P" At top prod. Interval reported below At total depth						10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 23, T28N-07W						12. COUNTY OR PARISH	
13. STATE						14. PERMIT NO.	
DATE ISSUED						15. DATE SPUDDED 7-9-85	
16. DATE T.D. REACHED						17. DATE COMPL. (Ready to prod.) 4-1-99	
18. ELEV. (DF, RKB, RT, GR, ETC) * 6644'						19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 7810'						21. PLUG, BACK T.D. MD. & TVD 7795'	
22. IF MULTIPLE COMPL. HOW MANY *						23. INTERVALS DRILLED BY ROTARY CABLE TOOLS <input checked="" type="checkbox"/> TOOLS <input type="checkbox"/>	
24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 4991' - 5661' Blanco Mesa Verde						25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN Cement Bond Log, Dual Burst Thermal Decay Time Log and RA-Tracer Log.						27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)						29. LINER RECORD	
CASING SIZE/GRADE		WEIGHT, LB/FT		DEPTH SET (MD)		HOLE SIZE	
9 5/8"		36 Same as Before		228'		Same as Before 2 1/4"	
7"		26 Same as Before		3680'		Same as Before 2 3/4"	
4 1/2"		16 Same as Before		7810'		Same as Before 6 1/4"	
30. TUBING RECORD		SIZE		TOP (MD)		BOTTOM (MD)	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *	
2 3/8"		7700'		PACKER SET (MD)		ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
31. PERFORATION RECORD (Interval, size and number)		See Summary.		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
33. * PRODUCTION		DATE FIRST PRODUCTION 4-1-99		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 3-29-99		HOURS TESTED 24 hrs.		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD	
OIL - BBL 2		GAS - MCF 858 MCFD		WATER - BBL 25		GAS - OIL RATIO	
FLOW. TUBING PRESS 130#		CASING PRESSURE 450#		CALCULATED 24 - HR RATE		OIL - BBL 2	
GAS - MCF 858 MCFD		WATER - BBL 25		OIL GRAVITY - API (CORR)		TEST WITNESSED BY Victor Barrios w/Key Energy	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) V						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						APR 15 1999	
SIGNED <u>Verla Johnson</u>						TITLE <u>VERLA JOHNSON, As Agent for Conoco Inc.</u>	
FARMINGTON FIELD OFFICE BY <u>[Signature]</u>						DATE <u>4-6-99</u>	

NMOGD

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	GEOLOGIC MARKERS	
					MEAS. DEPTH	TOP TRUE VERT. DEPTH
			San Juan 28-7 Unit #158E			
				Ojo Alamo	2525'	
				Kirtland	2654'	
				Fruitland	3164'	
				Picture Cliffs	3354'	
				Chacra	4300'	
				Cliff House	4990'	
				Menefee	5136'	
				Point Lookout	5525'	
				Mancos	6025'	
				Gallup	6525' <sup>17/10</sup>	
				Green Horn	7495'	
				Dakota	7687'	

CONOCO INC.  
**San Juan 28-7 Unit #158E**  
API #30-039-23746  
1140' FSL & 890' FEL, UNIT LETTER "P"  
Sec. 23, T28N-R07W

**3/17/99** MIRU Key rig 5, spot equipment, set & fill 8 - 400 bbl frac tanks, BD tbg to rig pit, kill w/5 bbls 1% KCL, NDWH, NUBOP, POOH w/245 jts 2 3/8" tbg, RU Blue Jet WL, RIH set 4 1/2" Hbton composite BP @ 6100', test BP to 3000# OK, load 4 1/2" x 7" annulus w/1% KCL test to 500# OK, leave pressure on annulus, run GR/CCL/CBL log from 6100' - 4000', good cement bond through MV zone, did not pull CBL high enough to see cement top behind 4 1/2" casing, RD WL.

**3/18/99** RU Schlumberger WL, run TDT/GR from 6100' - 4800', sent TDT log results to Tom Johnson in Midland, TX, RD WL.

**3/19/99** NU 6" frac valve & "Y", RU Blue Jet WL, perf Point Lookout w/30 - .32" holes from 5506' - 5661' as follows: 5506', 08', 10', 28', 33', 36', 47', 51', 59', 63', 67', 73', 76', 79', 85', 87', 95', 99', 5601', 05', 09', 13', 19', 25', 31', 33', 35', 40', 42', 5661', pressured to 1500# during perforating, BD perfs @ 1500# 1 BPM, RU BJ acid pump, acidize Point Lookout perfs from 5506' - 5661' w/500G 15% HCL w/45 ball sealers @ 6 BPM, Max 2950#, Avg 800#, ISIP vac, RD BJ, RIH w/WL JB retrieved 45 balls, 29 hits, RD WL, ready to frac on Monday

**3/22/99** RU BJ, Frac Point Lookout w/59,640G 15# XL gel w/69,720# 20/40 AZ & 31,032# 20/40 SDC @ 45 BPM, Max 1752#, Avg 1248#, ISIP vac, Max sand conc 3#/gal, RU Blue Jet WL, RIH & set Hbton 4 1/2" comp BP @ 5480', test BP 3000#, Perf Menefee w/22 - .32" holes from 5225' - 5421' as follows: 5225', 29', 31', 47', 49', 53', 55', 63', 65', 67', 85', 88', 90', 5333', 35', 37', 61', 65', 68', 70', 5419', 5421', pressured to 1500# during perforating, BD perfs @ 1 BPM 1500#, acidize Menefee perfs from 5225' - 5419', w/500G 15% HCL w/33 ball sealers @ 7 BPM, Max 3000#, Avg 1750#, ISIP 700#, RIH w/WL JB retrieved 31 balls, 22 hits, Frac Menefee w/42,000G 15# XL gel w/46,272# 20/40 AZ & 4939# 20/40 SDC @ 33 BPM, Max 3000#, Avg 2623#, ISIP 1500#, Max sand conc 3#/gal, Menefee screened off during 3# stage did not get all SDC per frac design in well, had to flow back gelled fluid & 2000# of SDC sand to set next BP, RIH w/Hbton 4 1/2" comp BP set @ 5160', test BP to 3000#, did not test, leak off @ 1800#, RIH w/2 nd BP set @ 5145' test BP to 3000#, no test leak off @ 1800#, wait on Hbton 4 1/2" RTTS PKR, TIH w/4 1/2" RTTS PKR, to 5130' on 2 3/8" tbg, set PKR test BP to 3000# OK, PU PKR and hunt casing leak, found hole from 3640' - 3672' 1/2 BPM @ 1500#, PU PKR to 3380' ready to cmt squeeze.

**3/23/99** Notified Wayne Townsend w/BLM @ 10 AM of casing leak @ 3640 - 72', received OK to squeeze, RU BJ cement pump, set Hbton 4 1/2" RTTS PKR @ 3380', load casing above PKR w/500#, establish inj rate @ 1/2 BPM 1500# w/BJ pump, lead in w/25 sxs (5.25 bbls) Class H cement, displace @ 1/2 BPM 1500# w/16 bbls fresh H2O, pressured to 1650#, hesitate 15 min pump additional 1/4 bbl pressure to 1750# fell back to 700#, hesitate 15 min, displace w/1/4 bbl pressure to 1880#, lost 5 # pressure, shut down, left 1875# on squeeze, PKR was cleared w/displacement by 3 bbls, did not rev out.

**3/24/99** 1400# on tbg w/pkr still set, Rel PKR & TOO H w/same, TIH w/3 7/8" blade bit & 2 3/8" tbg tag cement @ 3585' (205' below PKR setting depth) Do cmt to 3705' fell out of cement, cont in hole to 4000', circ clean, pressure test squeeze to 3000# OK, TOO H w/bit, RU Blue Jet WL, perf Cliffhouse w/30 - .32" holes from 4991' - 5135' as follows: 4991', 94', 97', 5002', 07', 10', 13', 18', 24', 45', 47', 51', 57', 61', 64', 67', 74', 76', 81', 83', 5101', 05', 15', 17', 21', 25', 27', 33', 5135', RD WL, TIH w/Hbton 4 1/2" RTTS PKR set @ 4505' (835' below cement squeeze), load backside of PKR w/500#, RU BJ acid pump, BD& acidize Cliffhouse perfs from 4991' - 5135' w/500G 15% HCL w/45 ball sealers @ 6 BPM, Max 4000#, Avg 2500#, good ball action, balled off, RD BJ, Rel PKR & TIH w/PKR to 5150' to wipe off balls, TOO H w/tbg & PKR, ND stripping head, NU 6" frac valve & Y".

**3/25/99** RU BJ to frac "Y", Frac Cliffhouse w/60,480G 15# XL gel w/51,650# 20/40 AZ & 31,000# 20/40 SDC @ 44.5 BPM, Max 2100#, Avg 1978#, ISIP 438#, Max sand conc 3#/gal, tagged sand stages w/Scandium zero wash tracer, RD BJ, ND frac valve & "Y", NU 6" blewby line "T" & 6" blewby line & muffler to pit, RU gas compressors.

**3/26/99** 0# csg, TIH w/3 7/8" metal muncher tag fill @ 4892' (99' above Cliffhouse from 4991' - 5135'), RU gas compressors, unload well, CO fill to 5165', (top of first BP), circ clean & DO comp BPs @ 5165' & 5150', cont in hole to tag fill @ 5268', circ clean PU tbg to 4387'.

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1140' FSL & 890' FEL, UNIT LETTER "P"  
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**3/29/99** 720# tbg, 800# csg, BD tbg & TIH from 4387' to tag fill @ 5260', CO fill to next BP @ 5420' & DO BP, cont in hole to 5678', CO fill to 5990', circ clean, PU tbg to 4936', unload well w/compressors, turn over to drywatch.

**3/30/99** drywatch through the night flowing 30 psi up tbg. With 420 psi on backside. Rig up 1/2" choke and test two hours up tbg, tbg. at 4936'. well flowing 130 psi up tbg with 450 psi on backside. 858 MCFPD 25 bbl water/ 2 bbl oil. Test witnessed by Victor Barrios w/ Key Energy. Blew well down. RIH and tag up at 5960' (30 feet fill over night) clean out to 6100' drill out plug and RIH and tag fill at 7780' rig up swivel and clean out to 7801' KB circulate hole clean. Pull-up hole to 7700' Turn over to drywatch flow up tbg. Over night.

**3/31/99** Well flowing up tbg. 28 psi with 490 psi on backside. Blow well down. Kill tbg. and POOH W/ tbg. and drill equipment. RIH w/ mule shoe, seating nipple and 228 joints 2 3/8" tbg. Tag fill at 7789'KB rig up gas compressors, unload well, circulate well clean. pull up hole to 7700' rig up well to flow up tbg. over night. Turn over to drywatch.

**4/1/99** WELL FLOWING UP TBG. 460 PSI KILL WELL AND RIH W/ TBG. TO 7700' RIG UP GAS COMPRESSORS AND UNLOAD WELL, LAND TBG. W/ 245 JTS 2 3/8" TBG. AT 7700' RIG UP BLUE JET AND RIH TRACER SURVEY. RDMO (FINAL REPORT)