

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE *
(See other in-
structions on
reverse side)FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *									
1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐									
b. TYPE OF COMPLETION: NEW ☐ WORK ☐ DEEP- ☐ DIFF. ☐ WELL ☒ OVER ☐ EN ☐ RESVR. ☐ OTHER ☐									
2. NAME OF OPERATOR CONOCO INC.					5. LEASE DESIGNATION AND SERIAL NO. SF 078640				
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424					6. IF INDIAN, ALLOTTEE OR TRIBE NAME				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 1460' FSL & 795' FEL, UNIT LETTER "I" At top prod. Interval reported below At total depth					7. UNIT AGREEMENT NAME San Juan 28-7 Unit				
					8. FARM OR LEASE NAME, WELL NO. San Juan 28-7 Unit #153E				
14. PERMIT NO.					DATE ISSUED		9. API WELL NO. 30-039-25883		10. FIELD AND POOL, OR WILDCAT Basin Dakota
15. DATE SPUDDED 11-20-98					16. DATE T.D. REACHED 12-01-98		17. DATE COMPL. (Ready to prod.) 12-21-98		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 20, T27N-R7W
20. TOTAL DEPTH, MD & TVD 7505'					21. PLUG, BACK T.D. MD. & TVD 7505'		22. IF MULTIPLE COMPLETIONS, HOW MANY * 6		12. COUNTY OR PARISH Rio Arriba County
							23. INTERVALS DRILLED BY ROTARY ☒ CABLE ☐ TOOLS ☒ TOOLS ☐		13. STATE NM
24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 7271' - 7475' Basin Dakota					25. WAS DIRECTIONAL SURVEY MADE				
26. TYPE ELECTRIC AND OTHER LOGS RUN Cement Bond Log & Dual Burst Thermal Decay Time 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	
9-5/8"		36#		253'		12-1/2"		150 SXS	
7"		23#		322'		8-3/4"		432 SXS	
4-1/2"		10.5#		7505'		6-1/4"		580 SXS	
29. LINER RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *		SCREEN (MD)	
31. PERFORATION RECORD (Interval, size and number)					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				
					DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED		
33. * PRODUCTION									
DATE FIRST PRODUCTION 12-21-98		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) Flowing					WELL STATUS (Producing or shut-in) Producing - DHC# 2039		
DATE OF TEST 12-21-98		HOURS TESTED 24 hrs		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD		OIL - BBL 5	
								GAS - MCF 462 MCFD	
								WATER - BBL 5	
								GAS - OIL RATIO	
FLOW. TUBING PRESS 70#		CASING PRESSURE 450#		CALCULATED 24 - HR RATE		OIL - BBL 5		GAS - MCF 462 MCFD	
								WATER - BBL 5	
								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>12-21-98</u>				

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NGTON DISTRICT OFFICE

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	TOP	TRUE VERT. DEPTH
			San Juan 28-7 Unit				
				Ojo Alamo	2034		
				Kirtland	2282		
				Fruitland fma	2502		
				Pictured Cliffs	2928		
				Lewis	3056		
				Chacra	3842		
				Cliffhouse	4608		
				Menefee	4628		
				Point Lookout	5204		
				Mancos	5587		
				Gallup	6373		
				Greenhorn	7154		
				Graneros	7215		
				Dakota	7270		

CONOCO INC.
SAN JUAN 28-7 UNIT 153E
API #30-039-25883
Sec. 20, T27N-R7W, UNIT LETTER "I"
1460' FSL – 795' FEL

- 12/4/98 MIRU Key rig #5, spot equipment, NDWH, NUBOP, tally, PU & TIH w/3 7/8" bit & 83 jts (2627') of 2 3/8" tbg.
- 12/5/98 Rig crew replaced brake blocks on rig, tracked on costs due to this rig being "cost-plus" agreement.
- 12/7/98 Cont in hole w/tbg & bit tag cmt @ 7436' (leaves 24' of cmt over FC), DO cmt to FC @ 7460', DO FC & cont DO cmt to FS @ 7505', circ hole clean w/1% KCL, load 4 1/2" X 7" annulus w/4 bbls test annulus to 500# OK, test 4 1/2" casing to 4000# OK, TOO H w/tbg & bit.
- 12/8/98 RU Schlumberger WL, run TDT/CCL log from 7505' - 2000', RD WL, sent log to Midland to pick perms.
- 12/9/98 RU Blue Jet WL, run CBL/CCL from 7505' to TOC @ 3440', Perf DK w/3 1/8" select fire 11 gr chgs as follows: 31 shots from 7271' - 7475' @ 7475', 73, 55, 53, 48, 45, 42, 39, 33, 29, 27, 21, 19, 11, 09, 7401', 7399', 92, 89, 86, 83, 80, 77, 74, 44, 41, 38, 7335, 7277, 74, 7271', RD WL, TIH w/Hbton 4 1/2" PPI tool on 10' spacing, to 7500', RU BJ acid pump, test PPI tool in blank pipe OK, REL PPI tol spot 2 bbls 15% HCL across perms, BD DK perms in 10 sets of PPI tool w/650G 15% HCL, 1 bbl per set @ 2 BPM, max 4500#, avg 3200#, no ISIP due to control valve, all perms BD, RD BJ, RIH w/sandline RET control valve, TOO H w/PPI tool.
- 12/10/98 NU 6" Knight Oil tools frac valve & "Y", RU BJ frac equipment, load 7" x 4 1/2" annulus w/500# (monitor for frac), Frac DK w/63,860G 15# XL gel w/78,615# 20/40 Ottawa & 32,000# 20/40 SDC @ 46 BPM, Max 3900#, Avg 3350#, ISIP 1900#, Max sand conc 3#/gal, RD BJ, ND frac valve & "Y", RU Blue Jet WL, TIH w/4 1/2" Hbton comp BP set @ 5425', test to 4000# OK, Perf Point Lookout w/30 holes from 5209' - 5383' as follows: 5383', 81, 75, 69, 63, 61, 55, 53, 09, 5307, 5299, 97, 91, 88, 85, 78, 75, 72, 69, 55, 51, 47, 38, 35, 27, 21, 18, 15, 12, 5209, RD WL, TIH w/Hbton 4 1/2" PPI tool to 5400', set tool, RU BJ acid pump, test PPI tool OK, REL PPI tool spot 2 bbls 15% HCL across perms, BD PL perms in 11 sets of PPI tool w/1 bbl 15% per set @ 2 BPM, Max 2200#, avg 1000#, all perms BD no ISIP due to control valve, RD BJ, RET control valve, TOO H w/tbg & PPI tool, NU frac valve & "Y".
- 12/11/98 RU BJ, frac Point Lookout w/58,300G 15# XL gel w/70,000# 20/40 Brady & 30,500# 20/40 SDC @ 45 BPM Max 2100#, Avg 1700#, Max sand conc 3#/gal, RD BJ, ND frac valve & "Y", RU WL, TIH & set Hbton 4 1/2" comp BP @ 5150', test to 4000# OK, perf Menefee from 4958' - 5093' w/25 holes as follows: 5093', 82, 79, 76, 72, 69, 63, 60, 57, 54, 51, 33, 30, 27, 5001, 4999', 97, 79, 76, 73, 70, 67, 64, 61, 4958', RD WL, TIH w/Hbton 4 1/2" PPI tool to 5100', RU BJ, test PPI tool OK, BD Menefee perms w/650G 15% HCL in 8 sets @ 2 BPM, Max 3500#, Avg 2500#, No ISIP due to control valve, all perms BD, RD BJ, RET control valve, TOO H W/PPI tool, NU frac valve & "Y".
- 12/14/98 RU BJ, Frac Menefee w/55,260G 15# XL gel w/15,000# 20/40 Ottawa, 60,000# 20/40 Brady & 30,000# 20/40 SDC @ 37 BPM Max 2300#, Avg 2150#, ISIP 1500#, Max sand conc 3#/gal, RD BJ, RD Frac valve & "Y", NU blewy line "T" & RU gas compressors prepare for clean out.
- 12/15/98 300# csg, BD csg to reserve pit, TIH w/metal muncher tag fill @ 5035', CO fill w/gas comps & soap sweeps to first BP @ 5150', circ clean w/gas, PU tbg to 4810'.
- 12/16/98 400# csg, 300# tbg, BD tbg to pit, TIH w/tbg from 4810' to tag fill @ 5128', CO sand w/gas & soap sweeps to top of BP @ 5150', DO BP & cont in hole tag fill @ 5225', CO to next BP @ 5425' circ clean, flow well w/gas comps for 4 hrs, PU tbg to 4810', NU 2" flowline to pit, turn over to drywatch for night.

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SAN JUAN 28-7 UNIT 153E
API #30-039-25883
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1460' FSL – 795' FEL

- 12/17/98 well flowed overnight thru 2", install 1/2" choke stabilize flow for 2 hrs, MV test as follows: 1/2" choke Tbg 70#, Csg 380#, 20 BWPD, 5 BOPD, 462 MCFD test witnessed by Victor Barrios w/Key Energy, remove choke, TIH w/tbg from 4810' to tag fill @ 5410' (15' of fill over BP @ 5425'), CO w/gas to BP & DO same, well loaded up with fluid, stay @ 5500' circ clean w/gas & foam sweeps, PU tbg to 5000', turn over to drywatch for night.
- 12/18/98 Drywatched overnight, flowing 40# up 2" to pit, 400# csg, BD tbg, kill w/5 bbls 1% KCl, TIH from 4870', to tag fill @7385' (120' of fill over PBTD), CO fill w/gas comps & soap sweeps to PBTD @7505', circ clean, TOOH w/metal muncher mill, TIH w/1/2 muleshoe, SN & tbg to 7153', circ well, turn over to drywatch for weekend,
- 12/21/98 Drywatched over weekend, well flowing 30# up tbg, 430# csg from 7153', install 1/2' choke for DK test as follows: 70# Tbg, 450# csg, 5 BWPD, 5 BOPD, 462 MCFD rate, test witnessed by Victor Barrios w/Key Energy, remove choke & TIH w/tbg tag fill @ 7500' (5' of fill over PBTD) circ clean w/gas & soap sweeps, PU tbg land @ 7354' w/232 jts new 2 3/8" J-55 tbg, NDBOP, NUWH, RDMO Final report