

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, 1995COPY
RECEIVED
BLM
53 DEC 24 AM 8:18
070 FARMINGTON, NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *										5. LEASE DESIGNATION AND SERIAL NO. SF 078640	
1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐										6. IF INDIAN, ALLOTTEE OR TRIBE NAME 8	
b. TYPE OF COMPLETION: NEW WORK DEEP- DIFF. RESVR. OTHER WELL ☒ OVER ☐ EN ☐ RESVR. ☐ OTHER ☐										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 #153E	
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424										9. API WELL NO. 30-039-25883	
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										10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
14. PERMIT NO.										12. COUNTY OR PARISH Rio Arriba County	
DATE ISSUED										13. STATE NM	
15. DATE SPUDDED 11-20-98		16. DATE T.D. REACHED 12-01-98		17. DATE COMPL. (Ready to prod.) 12-21-98		18. ELEV. (DF, RKB, RT, GR, ETC) * 6566' GL		19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 7505'		21. PLUG, BACK T.D. MD. & TVD 7505'		22. IF MULTIPLE COMPLETIONS, LIST INTERVALS DRILLED BY ROTARY ☒ CABLE ☐ TOOLS ☒ TOOLS ☐		24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) * 4938' - 5383' Blanco Mesa Verde					
26. TYPE ELECTRIC AND OTHER LOGS RUN Cement Bond Log & Dual Burst Thermal Decay Time Log										25. WAS DIRECTIONAL SURVEY MADE	
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#		253'		12-1/2"		150 SXS			
7"		23#		3229'		8-3/4"		432 SXS			
4-1/2"		10.5#		7505'		6-1/4"		580 SXS			
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *		SCREEN (MD)		SIZE	
										2-3/8"	
										7354'	
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 12-17-98		HOURS TESTED 24 HRS		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD		OIL - BBL 5		GAS - MCF 462 MCFD	
WATER - BBL 20		GAS - OIL RATIO		FLOW. TUBING PRESS 70#		CASING PRESSURE 380#		CALCULATED 24 - HR RATE		OIL - BBL 5	
GAS - MCF 462 MCFD		WATER - BBL 20		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>					

AMMOOD

FARMINGTON 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 follow 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, 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, F 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 BP Max 2200#, avg 1000#, all perms BD no ISIP due to control valve, RD BJ, RET control valve, TOO H w/t 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 Max 2100#, Avg 1700#, Max sand conc 3#/gal, RD BJ, ND frac valve & "Y", RU WL, TIH & set Hbton comp BP @ 5150', test to 4000# OK, perf Menefee from 4958' - 5093' w/25 holes as follows: 5093', 82, - 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/ 1/2" PPI tool to 5100', RU BJ, test PPI tool OK, BD Menefee perms w/650G 15% HCL in 8 sets @ 2 BP 3500#, Avg 2500#, No ISIP due to control valve, all perms BD, RD BJ, RET control valve, TOO H W/F 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 & 30,0# SDC @ 37 BPM Max 2300#, Avg 2150#, ISIP 1500#, Max sand conc 3#/gal, RD BJ, RD Frac valve blew 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 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 top of BP @ 5150', DO BP & cont in hole tag fill @ 5225', CO to next BP @ 5425' circ clean, fir comps for 4 hrs, PU tbg to 4810', NU 2" flowline to pit, turn over to drywatch for night.

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