

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
BLM

98 NOV 28 PM 12:53
070 FARMINGTON, NM

RECEIVED
DEC 18 1998
OIL CON. DIST.

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 078840				
b. TYPE OF COMPLETION: NEW WORK DEEP- DIFF. 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 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424					8. FARM OR LEASE NAME, WELL NO. SAN JUAN 28-7 UNIT #110M				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1845' FNL & 815' FWL, UNIT LETTER 'E' At top prod. Interval reported below At total depth					9. API WELL NO. 30-039-25884				
10. FIELD AND POOL, OR WILDCAT BLANCO MESA VERDE					11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 18, T27N - R07W				
15. DATE SPUDDED 10/06/98		16. DATE T.D. REACHED 10-24-98		17. DATE COMPL. (Ready to prod.) 11-18-98		18. ELEV. (OF RKB, RT, GR, ETC) * 6605' RKB; 6588' GL		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 7502'		21. PLUG, BACK T.D. MD. & TVD 7500'		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)* 4946' - 5448' BLANCO MESA VERDE								25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN								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#	292'	12-1/2"	200 SXS					
7"	20#	3214'	8-3/4"	450 SXS					
4-1/2"	10.5#	7502'	6-3/4'	600SXS					
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"	7362'			
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 11-18-98		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) FLOWING				WELL STATUS (Producing or shut-in) PRODUCING			
DATE OF TEST 11-10-98	HOURS TESTED 24 HRS.	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD	OIL - BBL 1/2	GAS - MCF 429	WATER - BBL 2	GAS - OIL RATIO 429		
FLOW TUBING PRESS 65	CASING PRESSURE 380	CALCULATED 24 - HR RATE	OIL - BBL 1/2	GAS - MCF 429	WATER - BBL 2	OIL GRAVITY - API (CORR)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED						TEST WITNESSED BY Mike Stone w/L&R Const.			
35. LIST OF ATTACHMENTS SUMMARY						DEC 15 1998			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records									
SIGNED <i>Debra Bemenderfer</i>				TITLE DEBRA BEMENDERFER, As Agent for Conoco Inc.				DATE 11-19-98	

* (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.

AMOCO

✓

RECEIVED
DEC 30 1933
OIL CON. DIV.
DIST. 3

37. SUMMARY OF POROUS ZONES. (Show all important zones of porosity and concrete thickness, cored intervals, and all drill-stem, tests, including depth interval tested, question used, time tool open, flowing and shut-in pressure, and recovered).				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			SAN JUAN 28-7 UNIT #110M			
				Ojo Alamo	2070	
				Kirtland	2178	
				Fruitland fm	2478	
				Pictured Cliffs	2888	
				Lewis	2980	
				Chacra	3814	
				Climhouse	4565	
				Menefee	4584	
				Point Lookout	5166	
				Mancos	5545	
				Gallup	6360	
				Greenhorn	7141	
				Graneros	7204	
				Dakota	7258	

Post-Use Fax Note		7671	
To	From	Date	Pages
Verde Johnson	Verde Johnson	12/30/98	1
Co/Dept	Co.		
Phone #	Fax #		

12/30 '98 14:47 NO.088 01

15053251745

TRIGON SHEEHAN

CONOCO, INC.
SAN JUAN 28-7 110M
API #30-039-25884
1845' FNL – 815' FWL, UNIT LETTER 'E', SEC. 19, T27N-R07W

- 10/29/98 Move in rig up. Spot all equipment. NUBOP. RIH with 3 7/8" bit with 2 3/8" tubing. Run 111 jts. and shut down. (NOTE: Loaded 7"X 4 1/2" casing annulus with 4 BBLs fluid and tested to 500 psi. OK.).
- 10/30/98 Continue to RIH with tubing and bit. Tagged cement @ 5498'. Drilled cement to DV tool @ 5555'. Drilled up DV tool and continue to RIH tagged cement @ 7381'. Drilled cement to FloatCollar @ 7465'. Drilled Float Collar and drilled cement to PBTD @ 7500'. Circulated hole with 120 bbls of clean 2% KCL water. POOH with 2 3/8" tubing and 3 7/8" bit. Test casing to 4000 psi. OK.
- 11/2/98 Rig up Schlumberger. Run TDT log from 7500' to 2000'. Fax log to Midland for Engineers to pick perms. Run CBL log from 7500' to 2550'. TOC @ 2830'. Rig down Schlumberger. (NOTE: Ran CBL with 1000 psi on csg.)
- 11/3/98 Rig up Blue Jet to Perf. Perforated Dakota with 3 1/8" HSC select fire, with 11 grams charge, with .32" hole size. Perf @ 7329-31-33-35-42-52-54-72-75-78-81-84-87-7401-04-07-11-17-23-25-31-35-37-43-47-49-51-55-7467-69. Total holes 30. Rig down BlueJet. RIH with 2 3/8" tbg with Hallib. PPI tool. Acidized with 650 gals 15% HCL Acid. Spotted acid over perms and broke down perms with 1 bbl acid for each setting. 11 different settings. Avg break down pressure 2000 psi, avg rate 1 BPM. Avg ISIP 800 psi. POOH with 2 3/8" tbg. and Hallib. PPI tool.
- 11/4/98 NU frac valve & frac Y. Rig up BJ, frac Dakota with 71,940# of 20/40 Ottawa sand, and 35,000# of 20/40 SDC sand. Total frac fluid pumped 1190 bbls of 15# X - Link gel. Total fluid to cover 1447 bbls. Total sand pumped 106,940#. Avg rate 40 bpm @ 2600 psi avg pressure. Max pressure 3500 psi. Max sand conc 3#/gal. ISIP 1350 psi. 900 psi in 15 min. Rig down BJ, ND frac valve & frac Y. Rig up Blue Jet, set Hallib Fas Drill Plug @ 5436'. Test casing & plug to 3000 psi. - OK. Perf Mesa Verde formation, with 3 1/8" HSC select fire guns, with 11 grams charge, with .32" hole size. Perf @ 4946-48-54-57-69-71-76-5003-05-5167-73-79-85-89-93-97-5201-05-09-33-35-48-51-54-63-70-5325-29-41-43-48. Total holes 31. Rig down Blue Jet. RIH with 2 3/8" tbg with Hallib PPI tool. Acidized MV with 700 gals 15% HCL acid. Spotted 2 bbls acid and pumped 1 bbl acid at each setting of tool. 13 total sets. Avg breakdown pressure approx 2500 psi. Avg rate 1 bpm @ 1750 psi avg pressure. ISIP avg pressure 800 psi. POOH with 2 3/8" tbg with Hallib PPI tool.
- 11/5/98 NU Frac Valve & Frac Y. Rig up BJ to frac. Fraced Mesa Verde formation with 102,620# of 20/40 AZ sand and 46,220# of 20/40 SDC sand. Total sand pumped 148,840#. Total treating fluid pumped 1404 bbls of 15# X-Link Gel. Total fluid pumped 1705 bbls. Avg treating pressure 2200 psi @ 48 BPM avg rate. Max pressure 2800 psi. Max sand conc 3#/ gal. ISIP 600 psi. 15 min - 0 psi. NOTE: Frac was tagged with 3 isotopes of RA material. Rig down BJ. ND frac valve & frac Y. Rig up Blowie line & 2 drill gas compressors.
- 11/6/98 RIH with 2 3/8" tbg with Baker 3 7/8" Metal Muncher. With tubing @ 4415', unloaded well using 2 drill gas compressors. Having trouble with 1 compressor, called mechanic. Well making fluid and sand. Circulated and cleaned well with soap sweeps.
- 11/9/98 Csg.- 1100 psi & Tbg. - 520 psi. Continue to RIH with tbg and Metal Muncher Mill. Tagged sand @ 5299' started drill gas compressor and cleaned sand to 5371'. Set on bottom and pumped soap sweeps to allow well to clean up. Pull up to 4857' with 2 3/8" tbg. Will drywatch and test MV thru the night with 1/2" choke nipple.
- 11/10/98 Drywatched and tested MV thru the night. With 2 3/8" tbg @ 4857', tested Mesa Verde formation flowing thru 1/2" choke nipple. Tbg - 65 psi and Csg - 380 psi. MCFPD = 429. 1/2 bbl - oil, and 2 bbls water. Test witnessed by Mike Stone with L&R const. With tubing @ 4857' continued to flow well to allow well to clean up. Tried to start 2 drill gas compressors, could not get either compressor to start. Called mechanic to work on compressors.

CONOCO, INC.
SAN JUAN 28-7 110M
API #30-039-25884
1845' FNL – 815' FWL, UNIT LETTER 'E', SEC. 19, T27N-R07W

- 11/11/98 Csg - 800 psi and Tbg. - 700 psi. RIH and tagged sand @ 5330'. Started 2 drill gas compressors (HARD TO START, COLD & WET) cleaned sand to Hallib Fas Drill Plug @ 5436'. Drilled up Hallib Fas Drill Plug @ 5436'. Pumped soap sweeps to allow well to clean up. Well making heavy water and sand. Pulled up to 4857', and drywatched well thru the night. Well flowing up the tubing (WITH OUT CHOKE) Tbg - 24 psi. and Csg - 340 psi.
- 11/12/98 Flowed well thru the night, to allow well to clean up. Well flowing up the tubing without choke. Tbg - 24 psi and Csg - 340 psi. RIH and tag fill @ 7381'. Start 2 drill gas compressors and clean sand to PBTD @ 7500'. Circulate clean and pump soap sweeps. Pull up drywatch and tested well thru the night. With 2 3/8" Tbg @ 4857' flowed well thru 1/2" choke nipple. Tbg - 135 psi and Csg - 335 psi. Water - 5 bbls, Oil - 1 bbl. 462 - MCFPD for DK only. Test witnessed by Genaro Maez with Key energy Services.
- 11/13/98 POOH with 2 3/8" tbg with Baker Metal Muncher Mill. RIH with 2 3/8" prod tubing with SN and Mule Shoe Collar. Tagged sand @ 7475' for 25' of fill. Started 2 drill gas compressors and cleaned sand to PBTD @ 7500'. Set on bottom and circulated well to clean up. Pulled up to 7349', and shut down.
- 11/16/98 CSG - 1000 psi. RIH and tagged sand @ 7495'. Started 2 drill gas compressors and cleaned sand to PBTD @ 7500'. Set on bottom and circulated, well still making sand. Pumped soap sweeps and pulled up to 7349'. Will drywatch and allow well to clean up thru the night.
- 11/17/98 Drywatched well thru the night. Well flowing up the tubing without a choke. Tbg - 17 psi and Csg - 300 psi. RIH and tagged sand fill @ 7445'. Started 2 drill gas compressors and cleaned sand to PBTD @ 7500'. Pumped soap sweeps to help on clean out. Pulled up to 7495' and drywatched well thru the night.
- 11/18/98 Drywatched well thru the night. Flowed well up the tubing without a choke. Tbg - 15 psi. and Csg - 280 psi. RIH and tagged sand @ 7483' for 17' of fill. Start up 2 drill gas compressors and cleaned sand to PBTD @ 7500'. Pull up and land tubing with 233 jts @ 7362' with KB, with SN and mule shoe collar on bottom. NDBOP & NUWH. Rig down and move off location. FINAL REPORT