

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

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 078540	
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	
14. PERMIT NO.						10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA	
DATE ISSUED						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA DEC. 19, 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		12. COUNTY OR PARISH RIO ARriba COUNTY	
18. ELEV. (DF, RKB, RT, GR, ETC) *		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)* 7329' - 7469' BASIN DAKOTA		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)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
SEE ATTACHED SUMMARY				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 11-12-98	HOURS TESTED 24 HRS.	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD	OIL - BBL 1	GAS - MCF 462	WATER - BBL 5	GAS - OIL RATIO
FLOW. TUBING PRESS 135#	CASING PRESSURE 335#	CALCULATED 24 - HR RATE	OIL - BBL 1	GAS - MCF 462	WATER - BBL	OIL GRAVITY - API (CORR)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED						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						DEC 15 1998	
SIGNED <u>Debra Bemenderfer</u>				TITLE <u>DEBRA BEMENDERFER, As Agent for Conoco Inc.</u> DATE <u>11-18-98</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.

AMCO

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 Float Collar @ 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.

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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