

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

COPY

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 078835-A							
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> DIFF. RESVR. <input checked="" 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							
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424				8. FARM OR LEASE NAME, WELL NO. #168							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 1150' FNL, 910' FEL, UNIT LETTER "A" At top prod. Interval reported below At total depth				9. API WELL NO. 30-039-20695							
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH RIO ARriba		13. STATE NM			
15. DATE SPUDDED 12-12-73		16. DATE T.D. REACHED 01-19-74		17. DATE COMPL. (Ready to prod.) 04-20-98		18. ELEV. (OF, RKB, RT, GR, ETC) * 6175' GL		19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 3736'		21. PLUG, BACK T.D. MD & TVD 2676' & 2668'		22. IF MULTIPLE COMPLETIONS * 2832'		23. INTERVALS DRILLED BY ROTARY TOOLS <input checked="" type="checkbox"/> CABLE TOOLS <input type="checkbox"/>					
24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 2493' - 2662' BASIN FRUITLAND COAL								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"		32.3#		128'		13-3/4"		142 CU. FT.			
2-7/8"		6.4#		2842'		8-3/4"		562 CU. FT.			
2-7/8"		6.4#		3731'		7-7/8" & 6-3/4"		400 CU. FT.			
29. LINER RECORD						30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *		SCREEN (MD)		SIZE	
										2-7/8" 2670'	
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 04-20-98		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) FLOWING						WELL STATUS (Producing or shut-in) PRODUCING			
DATE OF TEST 04-20-98		HOURS TESTED 24 HRS		CHOKE SIZE 1/2"		PIROD'N FOR TEST PERIOD		OIL - BBL 0		GAS - MCF 528 MCFPD	
FLOW TUBING PRESS 0#		CASING PRESSURE 80#		CALCULATED 24 - HR RATE		OIL - BBL 0		GAS - MCF 528 MCFPD		WATER - BBL 1	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED								TEST WITNESSED BY GREGORY D. ...			
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>Sylvia Johnson</u>				TITLE SYLVIA JOHNSON, As Agent for Conoco APR 22 1998							

* (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.

NMCCO

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 #168	Pictured Cliffs Otera Chacra	2690 3632				

CONOCO, INC.
SAN JUAN 28-7 #168
API# 30-039-20695
SEC. 06, T-27-N, R-07-W, UNIT LETTER "A"
~ 150' FNL & 910' FEL

- 03/30/98 RU Wireline on mast, run GR/CCL on both strings of 2-7/8", set comp BP @ 2676' over PC perfs, test to 1000# OK, RU BJ, est. inj. Rate into Chacra perfs 3640'-3650' @ 3 BPM 65#, lead w/50 sxs Class B w/3% Cacl, displace to 2700' w/15.8 bbls H2O, pump ½ bbl, press to 850#, ND 9-5/8" flange, NU 5K drill flange, NU 5K BOP w/rams, NU sub & frac valve on Chacra, NU sub on PC.
- 03/31/98 Test both strings to 4000#, slight leak off 100#, confer to proceed w/ RC, RU WL, RIH tag TOC @ 2668' in Chacra string, perf both strings in FC w/2 SPF @ 2493'-2497', 2501'-2505', 2513'-2524', 2529'-2594', 2627'-2637', 2654'-2662', 212 shots total.
- 04/02/98 RU to NU wellhead equip. use roustabouts to NU, companion spool on BOP, NU frac valve & on top of spool.
- 04/03/98 Press test frac valve to 4000#, will hold 3000#, test BOP & drill flange to 9-5/8" csg head, bottom flange leak off 2 150#, RD BH, ND WH equip, remove drill flange.
- 04/04/98 NU drilling flange & BOP, RL BJ to press test, not test flange leaked, RD BH, return flange, will retest.
- 04/08/98 NU flange & BOP, NU BH fluid pump to test flange, test to 3000# for 15 min OK.
- 04/14/98 H2O heated to 80deg, est. rate on fluid @ 18 BPM 1900#, Frac FC w/31,242 G 25# XL Gel w/70 Q foam, 82,000# 20/40 AZ & 22,000 12/20 Brady @ 28 BPM max. 2895#, Avg. 2750# ISIP1800#, 5 min 1580#, 10 min 1388#, 15min 1365#.
- 04/15/98 Cont. testing well thru ¼" choke, 180# unloading foam & sand. 2 bbls per hr.
- 04/16/98 150# thru ¼" choke unloading 1bbls per hr.
- 04/17/98 Well loaded up & dropped to 20# thru ¼" choke, replace choke w/ ½", flow test thru ½" 60# unloading ½ bbl per hr, no sand.
- 04/18/98 60# thru ½" choke, unloading little sand 7 fluid, ¼ bbls per hr, flow increase to dry gas.
- 04/19/98 80# thru ½" choke, no fluid or sand for 12hr stabilized test cont. drywatch.
- 04/20/98 Cont. flowing @ 80# thru ½" choke test on FC as Follows: ½" choke, csg 80#, No TBG, 1BWPD, 0 BOPD, 528 MCFPD, WITNESSED BY Greg Vick, Conoco, Inc. RU BJ pump to kill well, pump 20 bbls 1% KCl to kill, BD both strings of 2-7/8" full opening valves, RU Hbton slickline, set 2-7/8" plugs in each string to ND BOP, ND tbg subs & NU 2-9/16" master valves, RIH ret 2-7/8" plugs, prep well to go to sales.