

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL <div style="display: flex; justify-content: space-around;"> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> </div>						7. UNIT AGREEMENT NAME SAN JUAN 28-7 UNIT					
b. TYPE OF COMPLETION: NEW WORK DEEP- DIFF. 070 FARMINGTON, NM WELL <input type="checkbox"/> OVER <input checked="" type="checkbox"/> EN <input type="checkbox"/> RESVR. <input type="checkbox"/> OTHER - MESA VERDE						8. FARM OR LEASE NAME, WELL NO. #188					
2. Name of Operator CONOCO INC.						9. API WELL NO. 30-039-20769					
3. Address of Operator 10 DESTA DRIVE, STE. 100W MIDLAND, TX 79705 915-686-5424						10. FIELD AND POOL, OR WILDCAT BLANCO MESA VERDE					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 810' FSL, 1750' FWL At top prod. Interval reported below At total depth						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA N SEC. 26 T28N-R7W, NMPM					
				14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH RIO ARRIBA COUNTY		13. STATE NM	
15. DATE SPURRED 9-29-73		16. DATE T.D. REACHED 10-13-73		17. DATE COMPL. (Ready to prod.) 11-74		18. ELEV. (FE, RKB, RT, GE, ETC) * 6625' GL		19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD A TVD 7808'			21. PLUG. BACK T.D. MD. & TVD TEMP CIBP @ 5675' 7802' FOR FINAL			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) * 4924' - 5626' MESA VERDE									25. WAS DIRECTIONAL SURVEY MADE		
26. TYPE ELECTRIC AND OTHER LOGS RUN IGR; FDC-GR; TEMP. SURVEY									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 FULLED	
9-5/8"		32.3#		235'		13-3/4"		224 CU. FT			
7"		20#		3615'		8-3/4"		255 CU. FT.			
4-1/2"		10.6#/11.6#		7808'		6-1/4"		653 CU. FT.			
29. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *		SCREEN (MD)			
30. TUBING RECORD											
SIZE		DEPTH SET (MD)		PACKET SET (MD)							
2 3/8"		5670"		FOR TEST							
		7628'		FINAL							
31. PERFORATION RECORD (Interval, size and number) <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> SEE ATTACHED STIMULATION SUMMARY </div>						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 					
33. * PRODUCTION											
DATE FIRST PRODUCTION 6-18-97		PRODUCTION METHOD (Flowing gas lift, pumping - size, and type of pump) FLOWING						WELL STATUS (Producing or shut-in) PRODUCING			
DATE OF TEST 6-18-97		HOURS TESTED 12 HRS		CHOKE SIZE 3/4"		PROD'N FOR TEST PERIOD		OIL - BBL 24		GAS - MCF 1159 MCFD	
WATER - BBL 72		GAS - OIL RATIO									
FLOW. TUBING PRESS		CASING PRESSURE 500#		CALCULATED 24 - HR RATE		OIL - BBL 24		GAS - MCF 1159 MCFD		WATER - BBL 72	
OIL GRAVITY - API (CORR)											
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED									TEST WITNESSED BY MIKE PENA		
35. LIST OF ATTACHMENTS STIMULATION SUMMARY											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records <div style="display: flex; justify-content: space-between;"> SIGNED <i>Delma Benavides</i> TITLE As Agent for Conoco Inc. DATE 7/1/97 </div>											

* (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.

JUL 10 1997

FARMINGTON DISTRICT OFFICE

NAOCD

CONOCO INC.
SAN JUAN 28-7 UNIT #188
API # 30-039-20769
N26-T28N-R7W, Rio Arriba County, New Mexico
Mesa Verde Stimulation Summary

5/31/97 MIRU, ND WH. SET AUXILLARY EQUIPMENT (MUD-TANK & PIT). BLEW WELL WHILE PUMPING 40 BBLS. 1% KCI WATER TO KILL WELL. INSTALL BOP. UNSEAT TBG HANGER. TOOH, LAYING DOWN 1-1/2" TBG. REPAIR RIG HYDRAULIC HOSE FOR 1/2 HR. FINISH TOOH W/ 1-1/2" TBG (238 JTS = 7699'). RU BLUEJET WL. GIH W/ 4-1/2" CIBP & ATTEMPT TO SET @ 5662', WOULD NOT SET. TOOH. FOUND WET QUICK CHANGE. GIH & SET CIBP #1 @ 5675'. TOOH. LOAD HOLE W/ 40 BBLS 1% KCI WATER & PRESSURE TEST CSG TO 3000# - HELD OK. GIH W/ CR-CCL-CBL & LOG FROM 5675' - 3800' (GAS CUT FLUID), SHOWED GOOD BOND ACROSS PROPOSED PERF INTERVALS.

RU BLUEJET WL, GIH W 3-1/8" SELECT-FIRE GUN & PERF. POINT-LOOKOUT @ 5496', 98, 5500, 07, 09, 20, 25, 30, 36, 42, 55, 58, 61, 64, 67, 97, 5601, 03, 12, 22, 24, 26 (TOOK 2-RUNS, FOUND WET UY CONNECTOR ON TOP 4-SHOTS). TOTAL: 22 - 0.32" HOLES. GIH W/ 4 -1/2" BAKER FULL BORE PKR ON 2-7/8" TBG & SET @ 65'. RU JG. BD POINT-LOOKOUT @ 2400#. PUMPED 500 GALS. 15% HCl + 33 (1.1 Sp Gr) BS @ 1000 - 200# @ 5 BPM, PRESSURE TO 2800# W/BALLS ON. GIH W/ 3.78" JUNK BASKET ON WL & RETRIEVE 29 BS'S (21 HITS). PICKED UP & STOOD BACK 3295' OF 2-3/8" 4.7# J-55 TBG. NU FRAC VALVE. INSTALL WH ISOLATION TOOL.

RU BJ. PUMPED POINT-LOOKOUT SLICK-WATER FRAC W/ 108,740 GAL. FLUID +72,000# 20/40 AZ + 6000# 20/40 SDC @ Q-AVE = 40 BP, P-AVE = 1700#, AVE SD = 0.85 PPG. ISIP = 0#. ND WH ISOLATE TOOL. RU BLUEJET WL. GIH W/ 4-1/2" CIBP & SET 5470'. LOAD HOLE W/ 20 BBLS 1% KCI WATER & TEST CIBP #2 TO 3000# - HELD OK.

GIH W/ 3-1/8" SELECT-FIRE GUN, PRESSURE CSG TO 2000#, PERF MENELEE @: 5172', 94, 97, 5200, 07, 25, 27, 35, 37, 95, 97, 5303, 05, 14, 50, 53, 5418, 21, 24. TOTAL: 19- 0.32" HOLES. GIH W/ 4-1/2" PKR ON 2-7/8" TBG & SET @ 65'. RU BJ. BD MENELEE @ 1930#. PUMP 500 GALS. 15% HCl + 31 (1.1 Sp Gr) BS @ 1450# @ 6.0-2.0 BPM, PRESSURED TO 3000# W/ BALLS ON. GIH W/ 3.78" JUNK BASKET ON WL & RETRIEVE 31 BALLS (19- HITS). NU WH ISOLATION TOOL, PUMP MENELEE SLICK-WATER FRAC W/71, 320 GALS + 59,000# 20/40 AZ + 6000# SDC @ Q-AVE = 39, @2 P-AVE = 2500#, AVE SD = 1.06 PPG. ISIP = 1050#, 5-MIN = 950#, 10-MIN = 920#, 15-MIN. = 880#, 75 MIN = 680#. WO PRESSURE TO FALL OFF FOR 1-1/4 HRS. ND WH ISOLATION TOOL. RU BLUEJET WL. GIH W/ 4-1/2" CIBP, WHILE PUMPING @ 1/3 - BPM, SET @ 5100'. PRESSURE TEST CIBP #3 TO 3000# - HELD OK. GIH W/ 3-1/8" SELECT-FIRE GUN, PRESSURE CSG TO 2000#, PERF CLIFFHOUSE AT 4924', 29, 34, 53, 55, 62, 64, 66, 75, 78, 82, 87, 89, 5011, 12, 25, 27, 34, 35, 41, 43, 45, 47 (TOOK 3-RUNS, FOUND WET UY-CONNECTIONS BOTH TIMES). TOTAL: 23-0.32" HOLES. GIH W/ 4-1/2" PKR ON 2-7/8" TBG & SET @ 65'. RU BJ. BD CLIFFHOUSE @ 910'. PUMPED

500 GALS 15% KCl +35 BS (1.1 Sp Gr) @9 BPM @ 700#, PRESSURED TO 3000# W/ BALLS ON. GIH W/ 3-7/8" JUNK BASKET ON WL & RETRIEVE 35 BALLS. NU WH ISOLATION TOOL. PUMP CLIFFHOUSE SLICK-WATER FRAC @ 87,000 GALS. + 70,000# 20/40 AZ + 4000# SDC @ Q-AVE. = 40, @ P-AVE. = 2500#, AVE SD = 0.99 PPG. ISIP = 360#, 15 MIN = 0#. ND WH ISOLATION TOOL.

SITP = 0#. ND FRAC VALVE. INSTALL BLOOEY LINE. INSTALL DRILL-GAS UNIT & COMPRESSORS. GIH W/ 3-7/8" METAL MUNCHER + 4 - 3-1/8" DC. + STRING FLOAT ON 2-3/8" TBG & UNLOADED HOLE TO 3410' W/ DRILL GAS.

SICP = 0#. UNLOAD HOLE W/GAS. TIH TO 4329', UNLOAD W/ GAS & TAG SAND @ 4609', 315' OF FILL. CLEAN OUT SAND TO CIBP #3 @ 5100'. RU SWIVEL & DRILL CIBP #3. RD SWIVEL & TAG SAND @ 5390'. RU SWIVEL & CLEANOUT SAND TO 5430'. TOOH TO 4120'.

SICP = 0# ATTEMPTED TO UNLOAD HOLE @ 4120' WITHOUT SUCCESS. TOOH TO 3722', UNLOAD HOLE W/ GAS, MAKING LOTS OF WATER. TIH TO 4375', UNLOAD HOLE, HEAVY WATER + TRACE OF SAND (HAULED 2 - 80 BBL LOADS). TIH TO 5430' & TAGGED SAND, 40' OF FILL. DRLG CIBP #2 @ 5470' FOR 1/2" HR. PRESSURED UP, TOOH TO 4838'. UNABLE TO UNLOAD HOLE. TOOH TO 3659', UNLOAD HOLE W/ GAS.

SICP = 700#. UNLOAD WELL W/GAS. TIH TO 4544', UNLOAD WELL, HEAVY WATER. TIH TO 5112', UNLOAD WELL. TIH & TAGGED SAND @ 5455'. 15' FILL. CLEANED OUT SAND TO CIBP #2 @ 5470'. DRILL CIBP #2 IN 2 HRS. CLEANED OUT WELL W/ GAS. TIH & TAG SAND @ 5606, 69' OF FILL. UNLOAD HOLE W/ GAS, WATER DECREASING BUT STILL HEAVY. RU SWIVEL & CLEAN OUT SAND TO CIBP #1 @ 5675', UNLOAD WELL W/ GAS. TOOH TO 4396'.

SICP = 700#. UNLOAD WELL @ 4396'. TIH TO 5635' AND TAGGED SAND @ 5635', 40' OF FILL. CLEANED OUT SAND W/ GAS. TOOH W/ TBG, 4-3/8" DC STRING FLOAT & 3-7/8" METAL MUNCHER. GIH W/ 2-3/8" NOTCHED COLLAR, 1-JT 2-3/8" TBG, SN, ON TBG TO 5670', CIRC HOLE W/GAS. TOOH TO 5238'. CIRC GAS DOWN CSG/TBG ANNULUS TO KICK WELL OFF. WELL FLOWING ON ITS OWN TO FLARE PIT @ 10:15 PM THRU 2" LINE WITH 3/4" CHOKE. BEGAN DRY WATCHING WELL.

AT 12:00 AM: FTP = 120#, CP = 570# WATER HEAVY

AT 12:00 PM: FTP = 105#, CP = 520#

12 HR. MV FLOW-TEST. INITIAL: FTP = 80#, TCP = 500#. FINAL: FTP = 80#, FCP = 500#. 2" CRITICAL FLOW - PROVED W/ 3/4" CHOKE. EST. GAS RATE = 1159 MCFD + 24 BC/D + 72 BW/D

BLOCKED WELL OFF. PUMPED 30 BBLS OF 1% KCl WATER TO KILL WELL. TOOH W/ 2-3/8" TBG & LAY DOWN NOTCHED COLLAR. SN. TIH W/ 3-3/8" METAL MUNCHER, STRING FLOAT, 4 - 3-1/8" DC'S ON 2-3/8" TBG & TAGGED SAND. FILL @ 5645', 30' OF FILL. RU SWIVEL & CLEAN OUT SAND TO CIBP #1 @ 5675'. DRILL

CIBP #1 @ 5675' FOR 2 HRS. TIH TO PBTD @ 7802'. CIRC HOLE CLEAN W/GAS. TOO H W/ TBG, LAY DOWN 3-7/8" METAL MUNCHER, STRING FLOAT #4 - 3 DC'S. TIH W/ NOTCHED COLLAR, 1-JT 2-3/8" TBG, SN, ON 240-JTS 2-3/8" TBG TO 7628'. CIRC GAS DOWN CSG/TBG ANNULUS, UNTIL FLOW ESTABLISHED UP TBG. BEGAN DRYWATCH DK/MV @ 12:00 AM. FLOW TESTED FOR 7 HRS. FTP = 120#, FCP = 500#. ESTIMATE FLOW RATE = 1739 MCFD + 3 BC/D + 3 BW/D.

6/20/97 PUMPED 30 BBLS 1% KCI WATER TO KILL WELL. GIH, TAGGED PBTD @ 7802'. PULLED UP & LANDED TBG. @ 7628', SN @ 7597. TOTAL JTS. 241 - 2-3/8" 4.7" J-55 TBG. 8RD. ND BOP, NU WH, TREE. RD PU.