

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, 1995RECEIVED
FARMINGTON, NM
AUG 22 1997

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *					5. LEASE DESIGNATION AND SERIAL NO. SF-078972		
1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐					6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ DIFF. RESVR. ☐ OTHER ☐					7. UNIT AGREEMENT NAME SAN JUAN 28-7 UNIT		
2. NAME OF OPERATOR CONOCO, INC.					8. FARM OR LEASE NAME, WELL NO. #157M		
3. ADDRESS OF OPERATOR 10 DESTA DRIVE, STE 100W, MIDLAND, TX 79705 (915) 686-5424					9. API WELL NO. 30-039-25662		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 798' FSL - 712' FEL, UNIT LETTER 'P' At top prod. Interval reported below At total depth					10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA		
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA P 11-T27N-R7W					12. COUNTY OR PARISH RIO ARRIBA		
13. STATE NM					14. PERMIT NO		
DATE ISSUED					15. DATE SPUDDED 07-11-97		
16. DATE T.D. REACHED 7-20-97					17. DATE COMPL. (Ready to prod.) 8-17-97		
18. ELEV. (DF, RKB, RT, GR, ETC) * 6548' GR					19. ELEV. CASINGHEAD		
20. TOTAL DEPTH, MD & TVD 7646'					21. PLUG, BACK T.D. MD & TVD 7600'		
22. IF MULTIPLE COMPL. HOW MANY *					23. INTERVALS DRILLED BY ROTARY ☒ CABLE ☐ TOOLS ☒ TOOLS ☐		
24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 4815' - 7623' Dakota 7540' - 7623'					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	
9-5/8"		#36		281'		12-1/4"	
7		#23		3421'		8-3/4"	
4-1/2		#11.6/10.5#		7646'		6-1/4"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKET SET (MD)			
2 3/8"		7458'					
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 8-15-97		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing		
DATE OF TEST 8-14-97		HOURS TESTED 24 HRS.		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD	
FLOW TUBING PRESS 120		CASING PRESSURE 510		CALCULATED 24 - HR RATE		OIL - BBL 1	
						GAS - MCF 751	
						WATER - BBL 10	
						GAS - OIL RATIO	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented							
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							
SIGNED		TITLE			DATE		
DEBRA BEMENDERFER		DEBRA BEMENDERFER, As Agent for Conoco Inc.			AUG 26 1997		
					DATE 08-22-97		

NMOCD

ACCEPTED FOR RECORD
FARMINGTON DISTRICT OFFICE
BY 9-21-97

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
	Ojo Alamo	2328		
	Kirtland	2495		
	Fruitland fma	2770		
	Pictured Cliffs	3134		
	Lewis	3294		
	Chacra	4100		
	Cliffhouse	4813		
	Menefee	4925		
	Point Lookout	5383		
	Mancos	5784		
	Gallup	6555		
	Greenhorn	7308		
	Graneros	7372		
	Dakota	7398		

The Mesa Verde
Completion Report
is pending
B. G. B. B.

CONOCO INC.
SAN JUAN 28-7 #157M
API # 30-039-25662
SEC 11 - T27N - R07W UNIT LETTER P
798' FSL - 712' FEL
ATTACHMENT FOR BLM 3160-4 & 3160-5

COPY
RECEIVED
BLM
97 AUG 22 PM 4: 06

07/23/97 MIRU, PU TBG & TIH W/ BIT, TAG CMT @ 7528', DO CMT TO FC @ 7600', DO FC & CONT DO TO 7640', CIRC HOLE CLEAN, START TOO H W/TBG & BIT.

070 EASTINGTON, NM

TOOH W/TBG & BIT, TEST CASING TO 3000# OK, RU SCHLUMBERGER RUN TDT/CCL LOG FROM 7645' - 2200', RD WIRELINE, NU FRAC VALVE.

RU BLUE JET WIRELINE, PERF LOWER DK @ 7540-42-44-46-48-52-54-56-74-76-78-80-96-98-7604-06-21-7623. 18 SHOTS TOTAL, NU TREE SAVER, NU BJ ACIDIZE PERFS W/500 G 15% HCL @ 10 BPM W/28 BALL SEALERS, MAX 3250#, GOOD BALL ACTION, DID NOT BALL OFF, ISIP 1325#, RIH RET BALLS, FRAC LOWER DK W/ 57,527 G 15# GEL W/ 73,369# 20/40 OTTAWA, 6740# 20/40 SDC @ 28.5 BPM MAX 3500#, AVG 2700#, ISIP 1420#, MAX SAND CONC 3#/GAL, RD FRAC LINE & TREE SAVER, SET CIBP @ 7498', PERF UPPER DK @ 7412-14-16-20-22-24-26-32-34-41-43-45-50-52-54-7456' 16 HOLES TOTAL, NU BJ ACIDIZE PERFS W/500 G 15% HCL W/24 BALL SEALERS, @ 10.5 BPM, MAX 2950#, BALLED OFF, RIH W/ JUNK BASKET RET BALLS, FRAC UPPER DAKOTA W/ 52,404 G 15# GEL W/ 87,640# 20/40 OTTAWA, 6440# 20/40 SDC, @ 28.3 BPM, MAX 4300#, AVG 3600#, MAX SAND CONC 3#/GAL, SCREENED OUT DURING FLUSH, DID NOT GET FLUSHED TO PERFS, ONLY DISPLACED W/ 35 BBLs.

TIH W/TBG TAG SAND @ 5300', CO TO 5800', TOO H W/TBG, TEST SAND PLUG TO 3000# FOR 15 MIN OK, RU WIRELINE, RIH & PERF POINT LOOKOUT @ 5368-89-92-95-98-5401-10-13-16-19-22-25-30-32-40-42-56-59-62-68-71-95-98-5505-07-20-23-65-67 29 SHOTS TOTAL, RD WIRELINE, PREP TO BD POINT LOOKOUT PERFS.

RU BJ ACIDIZE POINT LOOKOUT W/ 500 G 15% HCL W/45 BALL SEALERS @ 9 BPM MAX 3000#, BALLED OFF, ISIP 100#, RIH W/ JB RET ALL BALLS, NU BJ FRAC POINT LOOKOUT W/111,720 G SLICKWATER @ 50 BPM W/ 89,000# 20/40 AZ, 6000# 20/40 SDC, MAX 1250 #, AVG 1150#, MAX SAND CONC 2#/GAL ISIP 0#, RIH SET CIBP @ 5346' TEST TO 3000# OK, PERF MENELEE @ 5090-92-5100-02-61-63-72-75-5200-02-15-17-27-29-65-68-71-74-77-80-5303-06-09-12-15-32-5333 27 SHOTS TOTAL, BD WHILE SHOOTING W/ 1000#, NU BJ ACIDIZE MENELEE W/ 500 G 15% HCL W/40 BALL SEALERS @ 6 BPM MAX 2950#, DID NOT BALL OFF, ISIP 910#, RIH W/JB RET ALL BALLS, NU BJ FRAC MENELEE W/ 95,760 G SLICKWATER @ 38 BPM W/ 75,000# 20/40 AZ, 6000# 20/40 SDC, MAX 3000#, AVG 2600#, MAX SAND CONC 1.5#/GAL, ISIP 1200#, NU WIRELINE LUBRICATOR, FLANGE CONNECTION BETWEEN WIRELINE LUB & FRAC HEAD FAILED WHILE OPENING FRAC VALVE, REPLACED FLANGE CONNECTION, RE-HEADED WIRELINE, SET CIBP @ 4995' TEST TO 3000# OK, PERF CLIFFHOUSE @ 4815-19-47-50-53-56-59-62-65-68-71-91-92-98-4900-02-04-06-08-18-20-22-4924 23 SHOTS TOTAL, NU BJ ACIDIZE CLIFFHOUSE W/500 G 15% HCL W/ 35 BALL SEALERS @ 12 BPM MAX 3000# BALLED OFF, ISIP 0#, RIH W/JB RET 27 OF 35 BALLS, RD WIRELINE, NU BJ FRAC CLIFFHOUSE W/ 102,900 G SLICKWATER W/ 60,300# 20/40 AZ, 8000# 20/40 SDC, @ 38 BPM MAX 3000#, AVG 2500#, ISIP 590#, MAX SAND CONC 2 #/GAL, ND BJ.

TIH W/ METAL MUNCHER MILL & 2-3/8" TBG TO 4726', TAG FILL, RU COMPRESSORS, UNLOAD FLUID FROM WELL.

300# CSG, TIH W/ TBG TAG FILL @ 4915, CO TO CIBP @ 4995, DO CIBP & CONT IN HOLE, TAG FILL @ 5326', CO TO CIBP @ 5356' CIRC HOLE CLEAN PU TBG TO 5000'.

TIH W/ TBG TAG FILL @ 5326' CO TO CIBP @ 5346', DO CIBP, CO SAND TO 5775', PU TBG TO 4775', ATTEMPT TO UNLOAD WELL THROUGH 2" COULD NOT KEEP FLARE LIGHTED DUE TO EXCESSIVE FLUID PRODUCTION.

TBG 850#, CSG 900#, FLOW WELL THRU 2" TO PIT, AFTER 6 HR TEST STABILIZED MV TEST AS FOLLOWS: TBG 310# BEHIND ½" CHOKE, CSG 715#, 48 BWBD, 1 BOPD, FLOWING @ 1972 MCFD, CO TO 6000' W/ GAS & FOAM, PU TBG TO 4775'.

850# TBG/CSG, TEST MV PERFS W/ ½" CHOKE 310# TBG, 720# CSG, 10 BWPD, 1 BOPD, 1910 MCFD, TEST WITNESSED BY GENARO MAEZ, FLINT ENGINEERING, FLOW TO PIT TO CLEAN UP SAND.

815# TBG/CSG, TIH W/ TBG TO 5484', CO SAND TO 5547', TBG STUCK @ 5547', FREE UP 1 JT, TBG STUCK @ 5515', ATTEMPT TO RELEASE TBG, NO SUCCESS.

RU WIRELINE, FREEPOINT TBG @ 4615', 900' OF TBG STUCK, BACKOFF TBG @ 4615 W/ STRINGSHOT, TOO H W/ TBG, TIH W/ OS JARS, & 6 3-1/8" DCS, LATCH FISH, WORK FREE IN 3 HRS, TOO H W/ 66 JTS TBG, END OF FISH @ 3436'.

TBG/CSG 1100#, TOO H W/ DCS & TOOLS, TIH W/ MILL & TBG TO 4726' TURN OVER TO DRYWATCH FLOW WELL OVERNIGHT.

TIH FROM 4726' TO 5650', CO SAND TO 6864', PU TBG TO 4750' TURN OVER TO DRYWATCH TO FLOW OVER WEEKEND.

DRYWATCHED THRU WEEKEND THRU 2' TO PIT, MV TEST AS FOLLOWS: 80# TBG, 560#CSG, 10 BWPD, 1 BOPD, 1850 MCFD, TEST WITNESSED BY GENARO MAEZ W/ FLINT ENGINEERING, TIH W/ TBG FROM 4750' TO TAG FILL @ 7468', 30' OF FILL OVER CIBP @ 7498', DO TOP OF CIBP, CIRC WELL CLEAN, DID NOT DO CIBP, PU TBG TO 4750', TURN OVER TO DRYWATCH.

50# TBG, 500# CSG, FLOWED OVERNIGHT THRU 2", TIH W/ TBG FROM 4750' TO 7490', CO 8' OF FILL, CONT DO CIBP @ 7498', CO TO PBTD @ 7645', CIRC CLEAN, PU TBG TO 3971' TURN OVER TO DRYWATCH THRU 2".

80# TBG, 400 CSG, TIH W/ TBG FROM 3971' TO TOP OF FILL @ 7598', 47' OF FILL OVERNIGHT, CO TO PBTD @ 7645', SWEEP HOLE CLEAN W/ GAS & FOAM, PU TBG TO 7268' TURN OVER TO DRYWATCH, FLOW THRU 2" OVERNIGHT.

60# TBG, 500# CSG, TIH W/ 12 JTS TBG FROM 7268' TO TAG FILL @ 7625', 20' OF FILL OVERNIGHT, CO TO 7645' (PBTD), CIRC HOLE CLEAN, PU TBG TO 7458', DK TEST AS FOLLOWS: TBG 120# THRU ½" CHOKE, CSG 510#, 1 BOPD, 10 BWPD, 751 MCFD, TEST WITNESSED BY GENARO MAEZ W/ FLINT ENGINEERING, TURN OVER TO DRYWATCH.

40# TBG, 450# CSG, TIH W/ 7 JTS TAG FILL @ 7630', 15' OF FILL OVERNIGHT, CO TO PBTD @ 7645', CIRC CLEAN PU TBG TO 7458' TURN OVER TO DRYWATCH WELL STILL MAKING EXCESSIVE SAND TO LAND PACKER.

DRYWATCH THRU 2' LINE TO PIT, MEDIUM SAND 1 QUART SAND IN 5 GALLON TEST, CONTINUE DRYWATCH 40# TBG, 450# CSG.

08/17/97 WELL STOPPED PRODUCING SAND @ 6 AM, 40# TBG, 450# CSG, TIH W/ TBG TAG FILL @ 7640', 5' OF FILL OVER LAST 24 HRS, CO TO PBTD @ 7645', TOO H W/ MILL, TIH W/ 2-3/8" BULL PLUG, 6' PERF SUB, 2-3/8" SN, 60 JTS 2-3/8" TBG, HBTON BLS PKR, ON-OFF TOOL, 179 JTS 2-3/8" TBG LAND END OF TBG @ 7539', (PKR @ 5648'), NDBOP, NUWH, RDMO.