

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE *
(See other in
instructions on
reverse side)FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *						5. LEASE DESIGNATION AND SERIAL NO. SF-078497A	
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. #219	
3. ADDRESS OF OPERATOR 10 DESTA DRIVE, STE 100W, MIDLAND, TX 79705 (915) 686-5424						9. API WELL NO. 30-039-20866	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 810' FSL - 2260' FEL, UNIT LETTER 'N' At top prod. Interval reported below At total depth						10. FIELD AND POOL, OR WILDCAT BLANCO MV	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA N-20-T28N-R07W						12. COUNTY OR PARISH RIO ARriba	
13. STATE NM						14. PERMIT NO.	
15. DATE SPUDDED 8-1-97						16. DATE T.D. REACHED 8-13-97	
17. DATE COMPL. (Ready to prod.) 08-28-97						18. ELEV. (DF, RKB, RT, GR, ETC) * 5777 6034' GR	
19. ELEV. CASINGHEAD						20. TOTAL DEPTH, MD & TVD 7099'	
21. PLUG, BACK T.D. MD. & TVD 5000' 7091'						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)* 4255' - 4961' BLANCO MV	
25. WAS DIRECTIONAL SURVEY MADE NO						26. TYPE ELECTRIC AND OTHER LOGS RUN TDT, GR, CCL	
27. WAS WELL CORED NO						28. CASING RECORD (Report all strings set in well)	
CASING SIZE/GRADE		WEIGHT, LB/FT		DEPTH SET (MD)		HOLE SIZE	
9-5/8"		36#		228'		12-1/4" / 33'	
7		23#		2917'		8-3/4"	
4-1/2		11.6#/10.5#		7099'		6-1/4"	
29. LINER RECORD		30. TUBING RECORD		SIZE		DEPTH SET (MD)	
SIZE		TOP (MD)		BOTTOM (MD)		PACKET SET (MD)	
						2-3/8"	
						6985'	
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						WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION 8-28-97		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) Flowing				Producing	
DATE OF TEST 09-13-97		HOURS TESTED 24 hrs.		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD	
FLOW. TUBING PRESS 150#		CASING PRESSURE 420#		CALCULATED 24 - HR RATE		OIL - BBL 1	
						GAS - MCF 1800	
						WATER - BBL 10	
						OIL GRAVITY - API (CORR)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flared						TEST WITNESSED BY VICTOR BARRIOS W/ FLINT	
35. LIST OF ATTACHMENTS Summary						ACCEPTED FOR RECORD	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						OCT 03 1997	
SIGNED <i>Debra Bemenderfer</i>						TITLE DEBRA BEMENDERFER, As Agent for Conoco Inc. DATE 10-01-97	
						FARMINGTON DISTRICT OFFICE	

NMOCD

COPY

36.	GEOLOGIC MARKERS			
	NAME	TOP		
		MEAS. DEPTH	TRUE VERT. DEPTH	
37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored internals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	Mesa Verde	4250		
	Point Lookout	4832		
	Gallup	6028		
	Greenhorn	6775		
	Graneros	6820		
	Dakota	6982		

CONOCO INC.
SAN JUAN 28-7 #219
API # 30-039-20866
SEC 20 - T28N - R07W UNIT LETTER "N"
810' FSL - 2260' FEL
ATTACHMENT FOR BLM 3160-4 & 3160-5

09/03/97 MIRU

NDWH, NUBOP, TOO H w/ 218 jts 1-1/2" tbg, spot float of new 2-3/8" tbg.

RU wireline, RIH w/ wireline GR to 7000', set Hbton PBP @ 5000', test casing to 2500# OK, run GR/CBL log from 5000' to 2500', showed TOC @ 4130', perf POINT LOOKOUT w/ 19 holes @ 4834-37-40-43-49-65-67-71-77-86-93-4903-05-19-49-51-59-4961 broke down while perforating w/ 2000#, RD wireline, PU, tally in & TOO H standing back w/ 4800' 2-3/8" tbg,.

RU BJ acidize POINT LOOKOUT perfs w/ 500 G 15% HCl @ 7 BPM, w/ 30 ball sealers, Max 2400#, avg. 400#, on vacuum after balled off, RU wireline, RIH RET 22 balls w/ JB, POOH & RD wireline.

RU BJ Frac POINT LOOKOUT w/ 95,599 G slick w/ 84,000# 20/40 Brady, 6000# 20/40 SDC @ 41 BPM max. 1900#, avg. 1500#, ISIP 250#, max. sand conc. 2#/ gal, RIH set PBP @ 4810#, test plug to 2500# OK, Perf MENEFEW w/ 32 holes @ 4460-62-86-89-4519-21-23-25-4600-23-25-33-35-60-61-64-87-89-4743-45-63-65-4767 broke down perfs w/ rig pump while perforating, RU BJ acidize Menefee w/ 500G 15% HCl w/ 34 ball sealers @ 9 BPM max. 1800#, avg. 850#, balled off, RIH w/ WL JB ret 34 balls, 14 hits, Frac Menefee w/ 85,748 G slick w/ 89,000# 20/40 Brady, 6000# 20/40 SDC, @ 39 BPM max. 2350#, avg. 2050#, ISIP 1300#, Max sand conc. 2#/ gal, RIH set PBP @ 4430', test to 2500# OK, perf CLIFFHOUSE w/ 20 holes @ 4255-59-63-73-77-83-85-90-99-4309-17-19-23-37-39-43-45-47-57-4359 broke down w/ rig pump during perforating, acidize CLIFFHOUSE w/ 500 G 15% HCl w/ 30 ball sealers @ 5 BPM max. 2300# ISIP 450# BALLED OFF, rih ret 16 OF 30 BALLS, Frac CLIFFHOUSE w/ 98,700 G slick w/ 90,000# 20/40 Brady, 7000# 20/40 SDC, @ 40 BPM max. 2150, avg. 1950#, ISIP 400#, max. sand conc. 2#/ gal, RD BJ.

RU compressors & blew line, TIH w/ tbg to top of sand fill @ 3919', 511' over PBP, CO to PBP @ 4430', circ clean, PU tbg to 4000'.

90# tbg, 130# csg, TIH w/ tbg tag fill @ 4390' (50' of fill) CO to PBP @ 4430' DO plug, cont. in hole DO second plug @ 4810', CO sand to third plug @ 5000', circ hole clean, PU tbg to 4254' turn over to drywatch to clean up over weekend.

Flow test MV perfs to pit, thru 1/2" choke 150# tbg, 420# csg, 10 BWPD, 1 BOPD, 1800 MCFD rate test witnessed by Victor Barrios w/ Flint Engineering, continue drywatch thru weekend.

610# csg, TIH w/ tbg tag fill @ 7060', CO 20' of fill to 7080', leaves 32 of rathole below DK perfs in this well, land tbg w/ 1/2 muleshoe, SN & 227 jts 2-3/8" tbg @ 6985', NDBOP, NUWH, RDMO.