

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE *
(See other in-
structions on
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG * 1:20						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 WORK DEEP- DIFF. WELL ☒ OVER ☐ EN ☐ RESVR. ☐ OTHER ☐						7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR CONOCO, INC.						8. FARM OR LEASE NAME, WELL NO. SAN JUAN 28-7 UNIT #182M	
3. ADDRESS OF OPERATOR 10 DESTA DRIVE, STE 100W, MIDLAND, TX 79705 (915) 686-5424						9. API WELL NO. 30-039-25689	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 1610' FSL - 1674' FEL, UNIT LETTER 'J' At top prod. Interval reported below At total depth						10. FIELD AND POOL, OR WILDCAT BLANCO MESA VERDE	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 03-T27N-R7W						12. COUNTY OR PARISH RIO ARRIBA	
13. STATE NM						14. PERMIT NO.	
DATE ISSUED						15. DATE SPUDDED 08-30-97	
16. DATE T.D. REACHED 09-11-97						17. DATE COMPL. (Ready to prod.) 09-11-97	
18. ELEV. (DF, RKB, RT, GR, ETC) * 6585' GL						19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 7622'						21. PLUG, BACK T.D. MD. & TVD 7620'	
22. INTERVALS DRILLED BY ROTARY ☒ CABLE ☐ TOOLS ☒ TOOLS ☐						23. WAS DIRECTIONAL SURVEY MADE	
24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) * 4839' - 5531' BLANCO MESA VERDE						25. WAS WELL CORED	
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#		3658'		8-3/4"	
4-1/2		11.6#/10.5#		7622'		6-1/4"	
29. LINER RECORD		30. TUBING RECORD		SIZE		DEPTH SET (MD)	
SIZE		TOP (MD)		BOTTOM (MD)		PACKET SET (MD)	
						2 3/8"	
						4805'	
						5625' Temp.	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
SEE ATTACHED STIMULATION SUMMARY				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
33. * PRODUCTION							
DATE FIRST PRODUCTION 7-24-97		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 7-24-97		HOURS TESTED 24 hrs.		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD	
FLOW TUBING PRESS 300#		CASING PRESSURE 510#		CALCULATED 24 - HR RATE		OIL - BBL 1	
						GAS - MCF 1600	
						WATER - BBL 20	
						GAS - OIL RATIO	
						OIL GRAVITY - API (CORR)	
34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) Flared						TEST WITNESSED BY ACCEPTED FOR RECORD	
35. LIST OF ATTACHMENTS Stimulation Summary						FEB 03 1998	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						FARMINGTON DISTRICT OFFICE	
SIGNED		TITLE		DEBRA BEMENDERFER, As Agent for Conoco Inc.		DATE 10-07-97	

NMOCD

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)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2355	
Kirtland	2495	
Fruitland fma	2774	
Pictured Cliffs	3172	
Lewis	3331	
Chacra	4133	
Cliffhouse	4838	
Menefee	4969	
Point Lookout	5418	
Mancos	5811	
Gallup	6591	
Greenhorns	7353	
Graneros	7414	
Dakota	7454	

COPY

CONOCO INC.
SAN JUAN 28-7 #182M
API # 30-039-25689
SEC 03 - T27N - R07W UNIT LETTER "J"
1610' FSL - 1674' FEL
ATTACHMENT FOR BLM 3160-4

09/17/97 MIRU.

Spot Equipment, NUBOP PU, tally & TIH w/ 2-3/8" tbg, tag CMT @ 7500', (75' above float collar), DO CMT to FC @ 7475', DO FC, cont. DO CMT TO 7620', circ clean, TOO H w/ tbg, test casing to 3000# OK, load 7" x 4-1/2" annulus w/ 8 bbls test to 500# OK, NU 6" frac valve, NU frac "y", wait on Schlumberger logging crew, until 10 PM, RU wireline run TDT/CCL FROM 7616' TO 2900'.

RU wireline, RIH perf Point Lookout w/ 26 holes @ 5421-24-27-30-33-36-39-42-45-52-54-63-65-67-74-76-82-85-88-91-94-5517-19-27-29-5531, pressured to 2000# during perforating, did not breakdown perfs, NU BJ acidize perfs w/ 500G 15% HCl w/ 39 ball sealers @ 16 BPM Max 300#, ISIP 150#, did not ball off, RIH w/ JB ret 4 balls, 4 hits, Frac Point Lookout W/ 86,669 G slick w/ 75,067# 20/40 Ottawa, 5000# 20/40 SDC, @ 40 BPM Max 1300#, avg. 800#, ISIP 150#, Max sand conc. 2#/gal, Set PBP @ 5230', test to 3000# OK, perf Menefee w/ 26 holes @ 5051'-54-57-60-63-66-86-88-90-94-96-5119-21-23-27-29-31-50-52-70-72-99-5201-30-33-5236, would not BD, spot 15 G 28% HCl across lower Menefee perfs, would not BD respot 15 G 28% HCl across mid perfs, BD perfs w/ 39 ball sealers @ 8 BPM max. 4000#, balled off, ret 38 balls 17 hits, Frac Menefee w/ 80,793 G slick w/ 56,067# 20/40 Ottawa, 5500# 20/40 SDC, @ 45 BPM max. 3100#, avg. 2800#, ISIP 1000#, max. sand conc. 1.5# /gal, set PBP @ 5030', test to 3000# OK, perf Cliffhouse w/ 27 holes from 4839-4958, spot 15 G 28% HCl across perfs, BD w/ 500G 15% HCl w/ 39 ball sealers @ 7.5 BPM, Max 3950# balled off, ISIP 600#, Ret 20/40 Ottawa, 400# 20/40 SDC @ 45 BPM, Max 2830#, avg. 2000#, max. sand conc. 1.5#/gal, RD BJ.

Perf lower DK @ 7585'-87-88-91-93, had difficulty BD perfs, spot 28% HCl could not BD These perfs acidized w/ 5 bbls 15% HCl @ 6 BPM, 1800#, spot 39' of sand over perfs, perf upper DK w/20 holes @ 7455-57-59-61-63-65-67-77-79-81-83-85-87-91-93-95-97-99-7501. BD perfs w/ 500G 15% HCl w/ 39 ball sealers @ 6 BPM max. 2890#, ISIP 680#, balled off, RIH w/ JB ret 37 balls 21 hits, RU BJ FRAC UPPER DK w/ 50,400 G 15# Gel w/ 82,500# 20/40 Ottawa & 6500# 20/40 SDC, @ 30 BPM max. 3340#, avg. 2280#, ISIP 1680#, max. sand conc. 2#/gal, tagged fluid & sand stages w/ tracer, RIH w/ wireline set PBP @ 5625' test to 3000# attempt to perf Point Lookout had bad gun run.

Tbg 150#, csg 210#, BD to pit, TIH w/ mill tag fill @ 4920', CO fill to 5030' (1st plug) DO plug, tag fill 5165' CO fill to 2nd plug @ 5230', DO plug, CO fill to top of 3rd plug 5625', circ. clean, PU tbg to 4805'. Test MV section thru 1/2" choke: 510# csg, 300# tbg, 20 BWPD, 1 BOPD, 1600 MCFD, witnessed by Victor Barrios w/ Flint. Test on DK: 75# tbg behind 1/2" choke, 620# csg, 1 BOPD, 10 BWPD, 480 MCFD test witnessed by Victor Barrios w/ Flint, TIH w/ tbg tag 20' of fill over weekend, CO fill to PBTD, circ. clean flow well all day to pit to clean up sand. PU tbg to 7000'.

Flowed well w/ drywatch thru night 2" flow to pit w/ 45# tbg, 580# csg, BD tbg to pit kill w/8 bbls 1% KCl, TIH w/ tbg no fill TOO H w/ mill, RU Protechnics slickline log DK formation, RD slickline, TIH w/ 2-3/8" bull plug, 2-2' perf 2-3/8" subs, 2-3/8" SN & 58 jts 2-3/8" tbg, Halliburton 4-1/2" PLS PKR, on-off tool, 179 jts 2-3/8" tbg land end of tbg assembly @ 7510', top of PKR set @ 5665' (134' below bottom of Point Lookouts perfs), 237 jts total. NDBOP, NUWH, RDMO.

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