

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.		5. LEASE DESIGNATION AND SERIAL NO. SF 079290
SUBMIT IN TRIPLICATE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME : 59
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT OR CA. AGREEMENT DESIGNATION SAN JUAN 28-7 UNIT
2. NAME OF OPERATOR CONOCO INC.		8. WELL NAME AND NO. #223
3. ADDRESS AND TELEPHONE NO. 10 DESTA DRIVE, STE. 100W MIDLAND, TX 79705 915-686-5424		9. API WELL NO. 30-039-20882
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 1710' FNL - 1135' FEL UNIT LETTER 'H' - 26-28N-07W		10. FIELD AND POOL, OR EXPLORATORY AREA MESA VERDE
		11. COUNTY OR PARISH, STATE RIO ARRIBA, NM
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice		<input type="checkbox"/> Abandonment <input checked="" type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other: <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)</small>
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) SEE ATTACHED STIMULATION SUMMARY <div style="text-align: right;">RECEIVED AUG - 7 1997 OIL CON. DIV. DIST. 3</div>		
14. I hereby certify that the foregoing is true and correct		
SIGNED <u>Debra Bemenderfer</u> (This space for Federal or State office use)		TITLE <u>Agent for Conoco Inc</u> DATE <u>7/18/97</u>
APPROVED BY _____ Conditions of approval, if any:		TITLE _____ DATE _____
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.		

* See Instruction on Reverse Side

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ACCEPTED FOR RECORD

AUG 04 1997

FARMINGTON DISTRICT OFFICE
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NMOCD

CONOCO INC.
SAN JUAN 28-7 #223
26 H - T28N - R7W, Rio Arriba County
Stimulation Summary

6/20/97 MIRU Big "A" Rig #10. ND WH. NU BOP. Pump 30 bbls of 1% KCl water to kill well. TOOH, laying down 240 joints 1-1/2" tbg (7751'). RU Bluejet WL, GIH w/ CIBP #1 & set @ 5745'. Loaded hole w/ 80 bbls. of 1% KCl water, pressure-tested csg & CIBP to 3000#, held OK.

GIH w/ GR-CCL-CBL and log from 5730'-3600', w/ 1000# on csg, correlated log to Schlumberger FDC log dated 4-9-77. Showed adequate bonding to 3600'. GIH w/ 3-1/8" Select-Fire gun, pressure csg to 2500#, perfed Point Lookout as follows: 5691', (400# pressure decrease), 5689' (400# decrease), 5638' (400# pressure), 5636' (400# decrease), 5624' (pressure drop to 0#), 5621, 18, 06, 03, 5600, 5579, 76, 73, 67, 65, 45, 43, 20, 26', and Menefee as follows: 5340', 36, 32, 28, 24, 13, 09. Total: 26 - 0.32" holes. NU 6" Frac valve. GIH w/ Baker Full-Bore PKR on 2-7/8" tbg to 65' & set.

RU BJ, Pump 500 gals. 15% HCl + 39 (1.1 Sp Gr) BS's, balled off. RU Bluejet WL, GIH w/ 3.78" Junk Basket and retrieve 39 BS's (28-hits). NU Tree-Saver. Pump Slick-Water Frac w/106,745 gals. 1% KCl fluid + 94,600# 20/40 AZ + 7000# 20/40 SDC @ Q-ave=50 BPM, P-ave = 1650#, Ave SD = 1.05 PPG. ISIP = 0#. ND Tree-Saver. GIH w/ 4-1/2" CIBP #2 on WL and set @ 5290'. Load hole w/ 30 bbls 1% KCL water, pressure-test csg. & CIBP to 3000#, held OK. GIH w/ 3-1/8" Select-Fire gun, pressure csg to 2500#, and perf as follows: Menefee: 5209', 13, 17, 34, 38, 54, 56. Cliff House: 4961', 63, 65, 5004, 06, 08, 15, 18, 21, 27, 29, 58, 60, 69, 71, 79, 81, 87, 89. Pressure decreased from 2500-700# while perforating. Total: 26 - 0.32" holes. GIH w/ 4-1/2" PKR & set @ 65'. BD perfs @ 2100#, pump 500 gals. 15% HCL + 39 (1.1 Sp GR) BS's, balled off. GIH w/ 3.78" Junk-basket & ret. 39 BS's (26 - hits). NU Tree-Saver. Pump Slick-Water frac w/107,144 gals +108,000# 20/40 AZ + 7000# SDC @ Q-ave = 44.5 BPM, P-ave = 2650#, Ave SD= 1.07 PPG. ISIP = 500#, 5-min = 0#. ND Tree-Saver.

SICP = 0#. ND 6" frac valve. NU blooey tee & line. TIH w/ 3-7/8" metal muncher mill and string float on 2-3/8" tbg to 3160', circ hole clean w/ gas. TIH & tag SD @ 5013', 177' of fill. CO SD to CIBP #2 @ 5290'. TOOH to 4534'.

SICP = 130#. Bled well off. Unload hole from 4534' w/ gas. TIH & tag SD @ 5275', 15' of fill. RU swivel & DO CIBP #2 @ 5290' in 1-1/2 hr. RD swivel. Circ well clean w/gas. TIH & tag SD @ 5588', 157' of fill. Circ hole clean w/gas, CO SD to CIBP #1 @ 5745'. TOOH w/ 3-7/8" metal muncher mill, string float and tbg. TIH w/ notched collar and SN on 168 joints 2-3/8" tbg. to 5314'. Circ drill gas down csg/tbg annulus to kick well off.

FTP = 150#, SP = 580#, water flow - heavy

FTP = 130#, CP = 545#, water flow - decreasing, but still heavy.

Began 12 hr MV flot-test: initial FTP = 120#, CP = 500#, water volume decreasing.

FTP = 115#, CP = 500# 3/4" choke: 1666 MCF/D + 6 BC/D + 48 BW/D

FTP = 115#, CP = 500#, Bled well off. Pump 30 bbls 1% KCl water to kill well. TOOH w/ tbg, notched collar and SN. TIH w/ 3-7/8" metal muncher mill and string float on 2-3/8" tbg. To 4975', unload hold w/ gas, sweep clean. TIH and tag SD @ 5711', 34' of fill, clean hole w/ gas. DO CIBP #1 @ 5745' in 3-hrs. TIH & tag PBTD @ 7797'. DO remainder of CIBP #1, circ hole w/ gas & foam sweeps. TOOH w/ 3-7/8" metal muncher mill, string float & tbg. TIH w/ SN on 2-3/8" tbg to 7551'. Circ gas down csg/tbg annulus to kick well off.

8-hr commingled DK/MV test thru 2" line w/ 3/4" choke: Final: FTP = 110#, CP = 500#, estimated critical-flow prover rates: 1553 MCF/D + 1 BW/D + 2 BC/D. Bled well off, pumped 20 bbls 1% KCl water to kill well. TIH and tag SD @ 7792', 5' of fill. Circ hole clean w/ gas and foam sweeps. PU and landed 244 joints 2-3/8" J-55 production tbg. EOT @ 7686', top of SN @ 7685'. ND BOP. Circ well w/ gas to kick well off. NU WH and plunger lubricator.