

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

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 SUBMIT IN TRIPLICATE		5. LEASE DESIGNATION AND SERIAL NO NM 03560																				
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																				
		7. IF UNIT OR CA, AGREEMENT DESIGNATION SAN JUAN 28-7 UNIT																				
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. WELL NAME AND NO. 100																				
2. NAME OF OPERATOR CONOCO INC.		9. API WELL NO. 30-039-21664																				
3. ADDRESS AND TELEPHONE NO. 10 DESTA DRIVE, STE. 100W, MIDLAND, TX 79705		10. FIELD AND POOL, OR EXPLORATORY AREA BLANCO MESA VERDE																				
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 870 FSL - 1480 FEL, UNIT LETTER 'A' T27N-R07W		11. COUNTY OR PARISH, STATE RIO ARRIBA COUNTY, NM																				
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																						
<table border="1"><thead><tr><th>TYPE OF SUBMISSION</th><th>TYPE OF ACTION</th></tr></thead><tbody><tr><td><input type="checkbox"/> Notice of Intent</td><td><input type="checkbox"/> Abandonment</td><td><input type="checkbox"/> Change of Plans</td></tr><tr><td><input checked="" type="checkbox"/> Subsequent Report</td><td><input checked="" type="checkbox"/> Recompletion</td><td><input type="checkbox"/> New Construction</td></tr><tr><td><input type="checkbox"/> Final Abandonment Notice</td><td><input type="checkbox"/> Plugging Back</td><td><input type="checkbox"/> Non-Routine Fracturing</td></tr><tr><td></td><td><input type="checkbox"/> Casing Repair</td><td><input type="checkbox"/> Water Shut-Off</td></tr><tr><td></td><td><input type="checkbox"/> Altering Casing</td><td><input type="checkbox"/> Conversion to Injection</td></tr><tr><td></td><td><input type="checkbox"/> Other:</td><td><input type="checkbox"/> Dispose Water</td></tr></tbody></table> <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)</small>			TYPE OF SUBMISSION	TYPE OF ACTION	<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans	<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction	<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing		<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off		<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection		<input type="checkbox"/> Other:	<input type="checkbox"/> Dispose Water
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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.) PLEASE SEE ATTACHED STIMULATION SUMMARY. RECEIVED AUG 22 1997 OIL CON. DIV. DIST. 3 070 FARMINGTON, NM 97 AUG 19 PM 4:02 RECEIVED																						
14. I hereby certify that the foregoing is true and correct																						
SIGNED <u>Debra Bemenderfer</u> TITLE DEBRA BEMENDERFER, As agent for Conoco Inc. DATE 08-14-97																						
(This space for Federal or State office use)																						
APPROVED BY _____ TITLE _____ DATE _____																						
Conditions of approval, if any:																						
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

ACCEPTED FOR RECORD

AUG 20 1997

FARMINGTON DISTRICT OFFICE

NMOC

COPY

CONOCO INC.
SAN JUAN 28-7 #100
API # 30-039-21664
SEC 30 - T27N - R07W UNIT LETTER "A"
800' FNL - 940' FEL
ATTACHMENT FOR BLM 3160-4 & 3160-5

07/10/97 MIRU BIG 'A' RIG #10. SET AUX. EQUIPMENT (MUD PUMP & TANK, TWO-COMPRESSORS, AND DRILL GAS UNIT). PUMP 20-BBLS 1% KCL WTR TO KILL WELL. ND WH. NU BOP. TOO H W/220-JTS (6894.70') 2-3/8" 4.6# J-55 TBG.

RU BLUEJET WL. GIH W/ GR-CCL & RUN CORRELATION LOG FROM 5100-4600'. GIH W/ 4-1/2" CIBP ON WL & SET @ 6650'. GIH W/ 3.78" DUMP BAILER AND SPOT 4-SXS (50') OF CMT ON CIBP @ 6650' IN 2-RUNS. TIH W/ 2-3/8" TBG TO 4700' AND CIRC HOLE W/ 100-BBLS OF 1% KCL WTR. SET PKR AND PRESSURE TESTED CSG & CIBP TO 2500#, HELD OK. PU & SET PKR @ 2700', PRESSURED TO 2000#, PRESSURE BLED TO 500# IN 15-SECONDS, AND TO 350# IN 5-MINS. TIH W/ TBG AND ISOLATED LEAK BETWEEN 4607' AND 4511'. PU TO 4511', EST PI RATE W/ MUD PUMP @ 0.4 BPM @ 1000#.

PU TO 4324' & SET PKR. RU BJ SERVICES. EST. PI RATE THRU HOLES IN CSG @ 4511-4607' @ 0.7 BPM & 2000#. PUMP 25-SXS CLASS 'B' W/ 0.5% FLUID LOSS, F/B 47-SXS CLASS 'B' NEAT @ 0.7 BPM & 1300-2100#. FLUSHED W/ 18.5 BBLS, LEAVING 1.5-BBLS CMT IN CSG BELOW PKR. HESITATION SQUEEZE: SD FOR 15-MIN WOC. PUMP 0.25-BBLS @ 0.1-BPM & 350#. SD FOR 15-MIN WOC. PUMP 0.25-BBLS @ 0.1-BPM & 350-2500# (P-MAX). SD FOR 5-MIN WOC. PRESSURED TO 2500# AND HELD FOR 5-MIN. BLED OFF PRESSURE. REL PKR, PU TO 4150'. REV CIRC 32-BBLS OF 1% KCL WTR. PU TO 3527'.

SET PKR @ 3527' & PRESSURE TEST CSG TO 2000# FOR 5-MINS, HELD OK. TOO H W/ TBG & PKR. TIH W/ 3-7/8" BLADE BIT AND BIT SUB ON 2-3/8" TBG & TAB CMT @ 4381'. DO HARD CMT FROM 4381-4642' FOR 5-1/2 HRS. TIH TO 4951' & PRESSURE TESTED CSG TO 500# FOR 5-MINS, HELD OK. PRESSURED TO 1000# FOR 5-MINS, HELD OK. TOO H W/ 3-7/8" BLADE BIT, BIT SUB AND TBG..

RU BLUEJET WL, GIH W/ 3-1/8" SELECT-FIRE GUN & PERF PT. LOOKOUT AS FOLLOWS: 4684'-86-88-95-97-4710-12-25-27-33-35-68-70-76-78-85-87-4809-11-58-60-4927-29. TOTAL: 23 - .032" HOLES. TIH W/ 4-1/2" BAKER FULL-BORE PKR ON 2-7/8" WORKSTRING TO 4631' & SET PKR. READY TO FRAC.

RU BJ SERVICES. BD PT. LOOKOUT PERFS @ 900# W/ 1% KCL WTR. EST PI RATE @ 6 BPM & 1200#. PUMP 500-GAL 15% HCL + 35 BS'S (1.1 SP GR) @ 6 BPM & 900#, W/ BALLS ON 6 - 3 BPM & 1200 - 2850#, BALLED OFF @ P-MAX = 3000#. TIH W/ 2-7/8" TBG & PKR TO 5012' TO KNOCK BS'S OFF PERFS. PU & RESET PKR @ 4630'. WO BJ 2-HRS TO GEL TANKS. PUMP 15# XL BORATE FRAC W/ 53,150-GALS + 78,140# 20/40 AZ SD + 6100# 20/40 SDC @ Q-AVE = 21 BPM & P-AVE = 3300#, AVE. SD DENSITY - 1.96 PPG. ISIP = 800#, 5-MIN = 650#, 10-MIN = 500#, 15-MIN = 410#, 60-MIN = 300#.

SITP = 0#. REL PKR & TOO H LAYING DOWN 2-7/8" FRAC STRING. NU BLOOEY TEE. TIH W/ SN ON 2-3/8" 4.7# J-55 TBG TO 5019'. CIRCULATING HOLE CLEAN W/ GAS AND FOAM SWEEPS.

SITP = 0#. CIRC HOLE CLEAN W/ GAS & FOAM SWEEPS. PU TO 4702', CIRC HOLE CLEAN W/ GAS & FOAM SWEEPS. WELL FLOWING ON ITS OWN, ATTEMPT TO DRY-WATCH OVERNIGHT, ON 1/2" CHOKE THRU 2" CRITICAL FLOW PROVER. WELL DIED, PUMPED GAS DOWN CSG/TBG ANNULUS TO BRING WELL AROUND, SD COMPRESSORS, WELL FLOWS FOR 45-MINS THEN DIES.

TIH TO 5019', CIRC HOLE W/ GAS & FOAM SWEEPS. PU TO 4702', CIRC HOLE W/ GAS & FOAM SWEEPS. WELL FLOWED FOR 1/2-HR THRU 1/2" CHOKE THEN DIES. INSTALLED ADJUSTABLE CHOKE TO BUILD CASING PRESSURE TO INTERMITTENTLY UNLOAD FLUIDS IN TBG OVERNIGHT.

CONT. INTERMITTENTLY UNLOADING FLUIDS IN TBG USING ADJUSTABLE CHOKE, WELL UNLOADS 1/2-BBL OF FLUID EVERY HR. PRESSURE STABILIZED, BEGAN FLOW-TEST AT 6 PM THRU 1/4" CHOKE IN 2" CRITICAL FLOW PROVER.

7/22/97 END 12-HR MV FLOW-TEST AT 6 AM, FTP = 110#, CP = 460# THRU 2" CRITICAL FLOW PROVER W/ 1/4" CHOKE. CALC FLOW RATES: 183 MCF/D + 2 BWPD + 1 BOPD. WITNESSED BY GLEN O. PAPP. BLED WELL OFF. ND BOP. LAND 150-JTS 2-3/8" 4.7# J-55 TBG @ 4709', TOP OF SN @ 4708'. NU WH & PUNGER MANIFOLD. MOVE BIG 'A' RIG #10 TO SJ 28-7 #111.