

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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-078498-A																					
SUBMIT IN TRIPLICATE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 1:48																					
		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. 224M																						
2. NAME OF OPERATOR CONOCO INC.	9. API WELL NO. 30-039-25697																						
3. ADDRESS AND TELEPHONE NO. 10 DESTA DRIVE, STE. 100W, MIDLAND, TX 79705	10. FIELD AND POOL, OR EXPLORATORY AREA BLANCO MV/BASIN DAKOTA																						
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 1450' FSL - 790' FEL, UNIT LETTER 'I', 28-T28N-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 colspan="2">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 type="checkbox"/> Recompletion</td><td><input checked="" 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 type="checkbox"/> Recompletion	<input checked="" 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
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 type="checkbox"/> Recompletion	<input checked="" 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																					
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.																							
14. I hereby certify that the foregoing is true and correct SIGNED <u>Debra Bemenderfer</u> TITLE <u>DEBRA BEMENDERFER, As agent for Conoco Inc.</u> DATE <u>09-04-97</u> (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

SEP 23 1997

FARMINGTON DISTRICT OFFICE

BY LM

NMOC

CONOCO INC.
SAN JUAN 28-7 #224M
API # 30-039-25697
SEC 28 - T28N - R7W UNIT LETTER "I"
1450' FSL - 790' FEL
ATTACHMENT FOR BLM 3160-4 & 3160-5

COPY

08/17/97 MIRU, SPOT EQUIPMENT.

FILL 7" ANNULUS W/ 6 BBLS TEST TO 500# OK, TEST BOP TO 3000# OK, PU & TIH W/ 224 JTS 2-3/8" TBG W/ BIT TAG CMY @ 7041', DO CMT TO FC @ 7121', DO TO PBTD @ 7163', CIRC CLEAN, TEST CASING TO 3000# OK, TOO H W/ TBG.

RU WIRELINE, RUN CCL/TDT LOG FROM 7163' TO 2200', SENT IN LOG RESULTS TO MIDLAND.

RU BLUE JET. PERF LOWER DK W/ 3-1/3" HSC WITH .32" HOLE SIZE. PERF @ 7017-19-21-23-30-32-44-46-48-53-55-59-61-63-69-71-83-85-87-95-97-7103-11-14-17-20. TOTAL HOLES 26. PERF'S BROKE DOWN W/ 2000 PSI. ACIDIZED W/ 500 GALS 15% HCL W/ 39 BALL SEALERS. GOOD BALL ACTION, DID NOT BALL OUT. AVG RATE 13.5 BPM @ 1900 PSI AVG PRESSURE. ISIP 1900 PSI. 15 MIN. 1370 PSI. RIH TO RETRIEVE BALLS RETRIEVED 2 BALLS. RU BJ TC FRAC, FRACED LOWER DK W/ 110,000# OF 20/40 OTTAWA SAND & 6,000# OF 20/40 SDC W/ 63,711 GALS OF 15# XLINK GEL. AVG TREATING PRESSURE 3100 PSI @ 36 BPM AVG RATE. TOTAL FLUID TO RECOVER 1730 BBLS. MAX SAND CONC 3#/ GAL. ISIP 1850 PSI. SAND WAS TAGGED W/ RA MATERIAL. BLIND RAMS ON BOP WOULD NOT HOLD, BLED WELL BACK AND CHANGED BOP. RIH TO SET HALLIB. FAS DRILL PLUG. RAN TO W/IN 50' OF PLUG SETTING DEPTH, AND HIT SAND. POOH W/ WIRELINE. PUMPED APPROX. 50 BBLS OF WATER. WELL PRESSURED UP. SHUT IN WILL TAG FOR SAND TOMORROW.

RIH W/ SINKER BAR, TAG SAND @ 6782'. RIH W/ TBG CIRCULATED SAND TO 7000', WELL WAS STARTING TO FLOW. POOH W/ TBG. RIH W/ HALLIB FAS DRILL PLUG. SET PLUG @ 6990'. COULD NOT GET SETTING TOOL OFF THE PLUG. PULLED OFF THE ROPE SOCKET. RIH W/ GRAPPLE, CIRCULATED SAND AND FISHED CCL AND SETTING TOOL. POOH W/ TBG AND TOOLS. TESTED PLUG AND CSG TO 3000 PSI. - OK. RIH W/ 3-1/8" GUNS. PERF UPPER DK @ 6907-09-13-15-17-19-21-23-25-27-31-33-35-37-41-43-45-47-49-51. TOTAL HOLES 20. HAD 2000 PSI WHILE PERF. LOST 500 PSI AFTER PERF.

RU BJ. ACIDIZED W/ 500 GALS, 15% HCL W/ 30 BALL SEALERS. BALLED OUT. RETRIEVED 30 BALLS, 18 HITS. FRACED UPPER DK W/ 93,000# 20/40 OTTAWA SAND 7,420# OF 20/40 SDC. TOTAL TREATING FLUID PUMPED 46,258 GALS OF 15# XLINK GEL. TOTAL FLUID PUMPED 1423 BBLS. TOTAL SAND PUMPED 100,420#. AVG PRESSURE 3650 PSI @ 32 BPM AVG RATE. MAX. PRESSURE 3850 PSI. MAX SAND 3#/ GAL ISIP 3500 PSI 1550 PSI IN 15 MIN RIH SET HALLIB. FAS DRILL PLUG @ 5100'. TESTED PLUG AND CSG TO 3000 PSI.-OK. PERF POINT LOOKOUT W/ 3-1/8" HSC. PERF @ 4861-63-74-76-89-92-95-98-4901-03-11-14-17-20-23-29-31-37-39-48-50-70-80-97-99-5008-10. TOTAL HOLES 27. (NOTE) LOWER DK FRAC WAS TAGGED W/ RA MATERIAL. ACIDIZED POINT LOOKOUT W/ 500 GALS 15% HCL W/ 41 BALL SEALERS. AVG RATE 15.5 BPM @ 800 PSI AVG PRESSURE. GOOD BALL ACTION. RIH TO RETRIEVE BALLS. RETRIEVED 41 BALLS W/ 22 HITS. FRACED POINT LOOKOUT W/ 100,000# OF 20/40 AZ SAND AND 6,000# 20/40 SDC. @ 50 BPM AVG RATE @ 1550 PSI AVG PRESSURE. TOTAL FLUID PUMPED 2619 BBLS

SLICKWATER. MAX PRESSURE 1800 PSI. MAX SAND CONC 2#/ GAL. ISIP 0 PSI. SET HALLIB. FAS DRILL PLUG @ 4830'. TESTED TO 3000 PSI -OK. PERF MENEFE (MV) W/ 16 SHOTS @ 4577-79-4605-07-09-81-83-85-87-91-93-4705-07-09-67-4769. WOULD NOT BREAK DOWN. DUMP BAIL 15 GALS 28% HCL ACID ACROSS PERFS. WOULD NOT BREAKDOWN. RAN 2 JTS TBG AND PKR, BROKE DOWN MENEFE @ 8 BPM. MAX PRESSURE 2950 PSI. DROPPED 24 BALLS. BALLED OFF ISIP 1274 PSI. FRACED MENEFE W/ 75,600 GALS OF SLICKWATER W/ 42,000 # 20/40 AZ SAND AND 3,000# 20/40 SDC SAND @ 20 BPM @ AVG PRESSURE 2850 PSI. MAX PRESSURE 2950 PSI MAX SAND CONC 1.5#/GAL ISIP 1400 PSI FLUSHED TO TOP PERF.

RIH W/ WIRELINE, TAG SAND 30' ABOVE WHERE WE NEEDED TO SET HALLIB. FAS DRILL PLUG. TOP OF SAND @ 4520'. STARTED RIG PUMP TO MOVE SAND DOWN. PUMPED 140 BBLS TO CLEAR WELL BORE. RIH AND SET HALLIB. FAS DRILL PLUG @ 4550'. PLUG SET BUT COULD NOT GET OFF W/ WIRELINE, PULLED OUT OF ROPE SOCKET. FISHED SETTING TOOL AND CCL. PERF CLIFFHOUSE W/ 30 SHOTS @ 4283-85-4303-05-13-16-19-21-28-31-34-44-48-59-61-68-77-81-83-93-97-4401-05-09-13-17-21-55-57-4462. PRESSURED UP W/ RIG PUMP, PERFS BROKE DOWN @ 1200 PSI. ACIDIZED CLIFFHOUSE W/ 500 GALS 15% HCL ACID WITH 45 BALL SEALERS @ 9 BPM AVG RATE @ 1800 PSI AVG PRESSURE. MAX PRESSURE 2700 PSI. ISIP 540 PSI. WELL BALLED OFF. RETRIEVED 41 BALLS, 28 HITS. FRACED CLIFFHOUSE WITH 125,540 GALS OF SLICKWATER W/ 120,000# OF 20/40 AZ SAND AND 6,000# 20/40 SDC SAND @ 49 BPM AVG RATE @ 2400 PSI AVG PRESSURE. MAX PRESSURE 2900 PSI. MAX SAND CONC 1.5#/ GAL ISIP 850 PSI.

CONNECT COMPRESSORS AND BLOWIE LINE. RIH W/ 2-3/8" TBG AND BAKER METAL MUNCHER MILL. TAG SAND @ 4196'. START COMPRESSORS AND UNLOAD WELL. PULL UP TO 4083'.

RIH W/ TBG, STARTED COMPRESSORS AND UNLOADED WELL @ 4259'. CONTINUED IN HOLE AND TAGGED SAND @ 4449'. CLEANED SAND TO HALLIB. FAS DRILL PLUG @ 4450'. DRILLED HALLIB. FAS DRILL PLUG @ 4450'. CONTINUED IN HOLE AND TAGGED SAND @ 4701'. CLEANED SAND TO HALLIB. FAS DRILL PLUG @ 4830'. CIRCULATED AND CLEANED SAND. PULLED BACK UP ABOVE MV PERFS.

CSG- 650 PSI. DRILLED UP HALLIB. FAS DRILL PLUG @ 4830'. CONTINUED IN HOLE AND CLEANED SAND TO HALLIB. FAS DRILL PLUG @ 5100'. CIRCULATED AND CLEANED SAND, PULLED TBG BACK UP TO 4228'. SHUT COMPRESSORS DOWN AND STARTED FLOWING UP THE TBG TO TEST MV. TBG PRESSURE 230 PSI, AND CSG PRESSURE 650 PSI. (MV) TEST 1518 MCFPD, WITH 25 WATER AND 1 OIL. FLOWING THRU 1/2" CHOKE. TEST WITNESSED BY GENARO MAEZ WITH FLINT.

TBG 900 PSI, AND CSG 800 PSI. RIH AND TAGGED SAND @ 5078' FOR 30' OF FILL. STARTED COMPRESSORS AND CLEANED SAND TO HALLIB. FAS DRILL PLUG @ 5100'. DRILLED PLUG @ 5100'. CONTINUE IN HOLE AND TAGGED SAND @ 6929'. CLEAN SAND TO HALLIB. FAS DRILL PLUG @ 6990'. CLEAN OUT TO PBTD @ 7163'. PULL BACK UP TO 4228'. WILL FLOW UP THE TBG AND DRYWATCH THRU THE NIGHT. WILL FLOW THRU 1/2" CHOKE AND TRY TO GET TEST ON DK. ZONE.

DRYWATCHED THRU THE NIGHT W/ 1/2" CHOKE. TBG 420 PSI AND CSG 800 PSI. TBG @ 4228'. TESTED DK @ 1254 MCFPD, 12 WATER AND 2 OIL. TEST WITNESSED BY MIKE STONE W/ L&R CONSTRUCTION. POOH WITH TBG AND MILL, RIH W/ MULE SHOE, SN. AND 2-3/8" TBG. TAG SAND @ 7133'. STARTED COMPRESSORS AND CLEANED SAND TO

PBTD @ 7163'. PULLED BACK UP TO 6741'. WILL DRYWATCH THRU THE WEEKEND TO ALLOW WELL TO CLEAN UP.

DRYWATCHED TO ALLOW THE WELL TO CLEAN UP. WELL FLOWING UP THE TBG W/ ½" CHOKE. AVG TBG PRESSURE 560 PSI, AND AVG CSG PRESSURE 850 PSI. WELL STILL MAKING LIGHT WATER AND MEDIUM SAND.

CONTINUE TO DRYWATCH TO ALLOW WELL TO CLEAN UP. FLOWING THRU ½" CHOKE. TBG 580 PSI, AND CSG 875 PSI. WELL STILL MAKING LIGHT WATER AND MEDIUM SAND.

09/01/97 CONTINUE TO DRYWATCH. TBG 620 PSI, AND CSG 900 PSI. WELL STILL MAKING LIGHT WATER AND NO SAND. WELL SEEMS TO HAVE CLEANED UP. SHUT WELL IN @ 12:00 NOON, 9-1-97.