

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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BLM

JUL 1 2 PM 3:08

070 FARMINGTON, NM

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. SF-078496-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT OR CA. AGREEMENT DESIGNATION SS 28-7
8. WELL NAME AND NO. #188
9. API WELL NO. 30-039-20769
10. FIELD AND POOL, OR EXPLORATORY AREA BLANCO MESA VERDE
11. COUNTY OR PARISH, STATE RIO ARRIBA, NM

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. NAME OF OPERATOR CONOCO, INC.
3. ADDRESS AND TELEPHONE NO. 10 DESTA DR., STE. 100W MIDLAND, TX 79705 915-686-5424
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 810' FSL AND 1750' FWL SEC 26, T28N-R7W NMPM

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 type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input 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 checked="" type="checkbox"/> Other: WORK OVER TO MESAVERDE	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

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

RECEIVED
JUL 1 4 1997
OIL COLL. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct

SIGNED <u>Debra Bemenderfer</u>	TITLE <u>Agent for Conoco Inc.</u>	DATE <u>6-27-97</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.

ACCEPTED FOR RECORD

* See Instruction on Reverse Side

JUL 1 0 1997

NMOC

FARMINGTON DISTRICT OFFICE

CONOCO INC.
SAN JUAN 28-7 UNIT #188
API # 30-039-20769
N26-T28N-R7W, Rio Arriba County, New Mexico
Mesa Verde Stimulation Summary

5/31/97 MIRU, ND WH. SET AUXILLARY EQUIPMENT (MUD-TANK & PIT). BLEW WELL WHILE PUMPING 40 BBLS. 1% KCI WATER TO KILL WELL. INSTALL BOP. UNSEAT TBG HANGER. TOOH, LAYING DOWN 1-1/2" TBG. REPAIR RIG HYDRAULIC HOSE FOR 1/2 HR. FINISH TOOH W/ 1-1/2" TBG (238 JTS = 7699'). RU BLUEJET WL. GIH W/ 4-1/2" CIBP & ATTEMPT TO SET @ 5662', WOULD NOT SET. TOOH. FOUND WET QUICK CHANGE. GIH & SET CIBP #1 @ 5675'. TOOH. LOAD HOLE W/ 40 BLS 1% KCI WATER & PRESSURE TEST CSG TO 3000# - HELD OK. GIH W/ CR-CCL-CBL & LOG FROM 5675' - 3800' (GAS CUT FLUID), SHOWED GOOD BOND ACROSS PROPOSED PERF INTERVALS.

RU BLUEJET WL, GIH W 3-1/8" SELECT-FIRE GUN & PERF. POINT-LOOKOUT @ 5496', 98, 5500, 07, 09, 20, 25, 30, 36, 42, 55, 58, 61, 64, 67, 97, 5601, 03, 12, 22, 24, 26 (TOOK 2-RUNS, FOUND WET UY CONNECTOR ON TOP 4-SHOTS). TOTAL: 22 - 0.32" HOLES. GIH W/ 4 -1/2" BAKER FULL BORE PKR ON 2-7/8" TBG & SET @ 65'. RU JG. BD POINT-LOOKOUT @ 2400#. PUMPED 500 GALS. 15% HCl + 33 (1.1 Sp Gr) BS @ 1000 - 200# @ 5 BPM, PRESSURE TO 2800# W/BALLS ON. GIH W/ 3.78" JUNK BASKET ON WL & RETRIEVE 29 BS'S (21 HITS). PICKED UP & STOOD BACK 3295' OF 2-3/8" 4.7# J-55 TBG. NU FRAC VALVE. INSTALL WH ISOLATION TOOL.

RU BJ. PUMPED POINT-LOOKOUT SLICK-WATER FRAC W/ 108,740 GAL. FLUID +72,000# 20/40 AZ + 6000# 20/40 SDC @ Q-AVE = 40 BP, P-AVE = 1700#, AVE SD = 0.85 PPG. ISIP = 0#. ND WH ISOLATE TOOL. RU BLUEJET WL. GIH W/ 4-1/2" CIBP & SET 5470'. LOAD HOLE W/ 20 BBLS 1% KCI WATER & TEST CIBP #2 TO 3000# - HELD OK.

GIH W/ 3-1/8" SELECT-FIRE GUN, PRESSURE CSG TO 2000#, PERF MENELEE @: 5172', 94, 97, 5200, 07, 25, 27, 35, 37, 95, 97, 5303, 05, 14, 50, 53, 5418, 21, 24. TOTAL: 19- 0.32" HOLES. GIH W/ 4-1/2" PKR ON 2-7/8" TBG & SET @ 65'. RU BJ. BD MENELEE @ 1930#. PUMP 500 GALS. 15% HCl + 31 (1.1 Sp Gr) BS @ 1450# @ 6.0-2.0 BPM, PRESSURED TO 3000# W/ BALLS ON. GIH W/ 3.78" JUNK BASKET ON WL & RETRIEVE 31 BALLS (19- HITS). NU WH ISOLATION TOOL, PUMP MENELEE SLICK-WATER FRAC W/71, 320 GALS + 59,000# 20/40 AZ + 6000# SDC @ Q-AVE = 39, @2 P-AVE = 2500#, AVE SD = 1.06 PPG. ISIP = 1050#, 5-MIN = 950#, 10-MIN = 920#, 15-MIN. = 880#, 75 MIN = 680#. WO PRESSURE TO FALL OFF FOR 1-1/4 HRS. ND WH ISOLATION TOOL. RU BLUEJET WL. GIH W/ 4-1/2' CIBP, WHILE PUMPING @ 1/3 - BPM, SET @ 5100'. PRESSURE TEST CIBP #3 TO 3000# - HELD OK. GIH W/ 3-1/8" SELECT-FIRE GUN, PRESSURE CSG TO 2000#, PERF CLIFFHOUSE AT 4924', 29, 34, 53, 55, 62, 64, 66, 75, 78, 82, 87. 89, 5011, 12, 25, 27, 34, 35, 41, 43, 45, 47 (TOOK 3-RUNS, FOUND WET UY-CONNECTIONS BOTH TIMES). TOTAL: 23-0.32" HOLES. GIH W/ 4-1/2" PKR ON 2-7/8" TBG & SET @ 65'. RU BJ. BD CLIFFHOUSE @ 910'. PUMPED

500 GALS 15% KCl +35 BS (1.1 Sp Gr) @9 BPM @ 700#, PRESSURED TO 3000# W/ BALLS ON. GIH W/ 3-7/8" JUNK BASKET ON WL & RETRIEVE 35 BALLS. NU WH ISOLATION TOOL. PUMP CLIFFHOUSE SLICK-WATER FRAC @ 87,000 GALS. + 70,000# 20/40 AZ + 4000# SDC @ Q-AVE. = 40, @ P-AVE. = 2500#, AVE SD = 0.99 PPG. ISIP = 360#, 15 MIN = 0#. ND WH ISOLATION TOOL.

SITP = 0#. ND FRAC VALVE. INSTALL BLOOEY LINE. INSTALL DRILL-GAS UNIT & COMPRESSORS. GIH W/ 3-7/8" METAL MUNCHER + 4 - 3-1/8" DC. + STRING FLOAT ON 2-3/8" TBG & UNLOADED HOLE TO 3410' W/ DRILL GAS.

SICP = 0#. UNLOAD HOLE W/GAS. TIH TO 4329', UNLOAD W/ GAS & TAG SAND @ 4609', 315' OF FILL. CLEAN OUT SAND TO CIBP #3 @ 5100'. RU SWIVEL & DRILL CIBP #3. RD SWIVEL & TAG SAND @ 5390'. RU SWIVEL & CLEANOUT SAND TO 5430'. TOOH TO 4120'.

SICP = 0# ATTEMPTED TO UNLOAD HOLE @ 4120' WITHOUT SUCCESS. TOOH TO 3722', UNLOAD HOLE W/ GAS, MAKING LOTS OF WATER. TIH TO 4375', UNLOAD HOLE, HEAVY WATER + TRACE OF SAND (HAULED 2 - 80 BBL LOADS). TIH TO 5430' & TAGGED SAND, 40' OF FILL. DRLG CIBP #2 @ 5470' FOR 1/2" HR. PRESSURED UP, TOOH TO 4838'. UNABLE TO UNLOAD HOLE. TOOH TO 3659', UNLOAD HOLE W/ GAS.

SICP = 700#. UNLOAD WELL W/GAS. TIH TO 4544', UNLOAD WELL, HEAVY WATER. TIH TO 5112', UNLOAD WELL. TIH & TAGGED SAND @ 5455'. 15' FILL. CLEANED OUT SAND TO CIBP #2 @ 5470'. DRILL CIBP #2 IN 2 HRS. CLEANED OUT WELL W/ GAS. TIH & TAG SAND @ 5606, 69' OF FILL. UNLOAD HOLE W/ GAS, WATER DECREASING BUT STILL HEAVY. RU SWIVEL & CLEAN OUT SAND TO CIBP #1 @ 5675', UNLOAD WELL W/ GAS. TOOH TO 4396'.

SICP = 700#. UNLOAD WELL @ 4396'. TIH TO 5635' AND TAGGED SAND @ 5635', 40' OF FILL. CLEANED OUT SAND W/ GAS. TOOH W/ TBG, 4-3/8" DC STRING FLOAT & 3-7/8" METAL MUNCHER. GIH W/ 2-3/8" NOTCHED COLLAR, 1-JT 2-3/8" TBG, SN, ON TBG TO 5670', CIRC HOLE W/GAS. TOOH TO 5238'. CIRC GAS DOWN CSG/TBG ANNULUS TO KICK WELL OFF. WELL FLOWING ON ITS OWN TO FLARE PIT @ 10:15 PM THRU 2" LINE WITH 3/4" CHOKE. BEGAN DRY WATCHING WELL.

AT 12:00 AM: FTP = 120#, CP = 570# WATER HEAVY

AT 12:00 PM: FTP = 105#, CP = 520#

12 HR. MV FLOW-TEST. INITIAL: FTP = 80#, TCP = 500#. FINAL: FTP = 80#, FCP = 500#. 2" CRITICAL FLOW - PROVED W/ 3/4" CHOKE. EST. GAS RATE = 1159 MCFD + 24 BC/D + 72 BW/D

BLOCKED WELL OFF. PUMPED 30 BBLS OF 1% KCl WATER TO KILL WELL. TOOH W/ 2-3/8" TBG & LAY DOWN NOTCHED COLLAR. SN. TIH W/ 3-3/8" METAL MUNCHER, STRING FLOAT, 4 - 3-1/8" DC'S ON 2-3/8" TBG & TAGGED SAND. FILL @ 5645', 30' OF FILL. RU SWIVEL & CLEAN OUT SAND TO CIBP #1 @ 5675'. DRILL

CIBP #1 @ 5675' FOR 2 HRS. TIH TO PBTD @ 7802'. CIRC HOLE CLEAN W/GAS. TOO H W/ TBG, LAY DOWN 3-7/8" METAL MUNCHER, STRING FLOAT #4 - 3 DC'S. TIH W/ NOTCHED COLLAR, 1-JT 2-3/8" TBG, SN, ON 240-JTS 2-3/8" TBG TO 7628'. CIRC GAS DOWN CSG/TBG ANNULUS, UNTIL FLOW ESTABLISHED UP TBG. BEGAN DRYWATCH DK/MV @ 12:00 AM. FLOW TESTED FOR 7 HRS. FTP = 120#, FCP = 500#. ESTIMATE FLOW RATE = 1739 MCFD + 3 BC/D + 3 BW/D.

6/20/97 PUMPED 30 BBLS 1% KCI WATER TO KILL WELL. GIH, TAGGED PBTD @ 7802'. PULLED UP & LANDED TBG. @ 7628', SN @ 7597. TOTAL JTS. 241 - 2-3/8" 4.7" J-55 TBG. 8RD. ND BOP, NU WH, TREE. RD PU.