

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. NM 020503																					
SUBMIT IN TRIPLICATE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																					
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	8. WELL NAME AND NO. FEDERAL #10B	7. IF UNIT OR CA, AGREEMENT DESIGNATION																					
2. NAME OF OPERATOR CONOCO INC.	9. API WELL NO. 30-045-30171																						
3. ADDRESS AND TELEPHONE NO. P.O. Box 2197, DU 3066, Houston, TX 77252-2197	10. FIELD AND POOL, OR EXPLORATORY AREA Blanco Mesa Verde																						
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 1965' FNL - 715' FEL Section 1, T29N-R11W	11. COUNTY OR PARISH, STATE San Juan 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 checked="" type="checkbox"/> Notice of Intent</td><td><input type="checkbox"/> Abandonment</td><td><input checked="" type="checkbox"/> Change of Plans</td></tr><tr><td><input type="checkbox"/> Subsequent Report</td><td><input 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>			TYPE OF SUBMISSION	TYPE OF ACTION		<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input checked="" type="checkbox"/> Change of Plans	<input 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 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.) Conoco, Inc. intends to change the 4 1/2" casing from a liner to a long string back to the surface. If you have any further questions, please contact Brett Thompson at 281-293-4324.																							
14. I hereby certify that the foregoing is true and correct SIGNED <u>Verla Johnson</u> TITLE <u>VERLA JOHNSON, As Agent for Conoco Inc.</u> DATE <u>4-26-00</u> (This space for Federal or State office use) /s/ Jim Lovato APPROVED BY _____ TITLE _____ DATE <u>MAY 17 2000</u> 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

*At Conoco our work is never so urgent or important that we cannot take time to do it safely.***SAN JUAN DRILLING PROGRAM**

WELL INFO	Well: Federal 10B	Area: West	AFE #	AFE \$:
	County: San Juan	State: NM	Rig: Key 43	RKB-GL: 12
	API # 30-045-30171	Permit #	Fresh Wtr Prot: Circulate cement on surface casing	
	MD: 5100'	TVD: 5100'	KOP: N/A	G.L. Elev: 5848
	Co-ordinates: WELL	Latitude: 36°45'21"	Longitude: 107°56'11"	ERA
	Location: 1965' FNL-715' FEL	Latitude: 36° 45.4'	Longitude: 107° 56.8'	
	Directional: N/A	Section: 1	Township: 29N	Range: 11W

THIS WELL IS TO BE DRILLED WITH SAFETY AND PROTECTION OF THE ENVIRONMENT AS THE PRIMARY OBJECTIVES! Use of the STOP program, Job Safety Analysis and Pre-Job Safety Meetings are imperative.

IT IS THE DRILLING REPRESENTATIVES RESPONSIBILITY TO READ AND FOLLOW ALL STIPULATIONS FOR EACH PERMIT AND ENSURE COMPLIANCE

REGULATORY NOTIFICATIONS

Notify the U.S. Bureau of Land Management & NMOCDC:

1. Anytime a major deviation from the well plan (plug back, sidetrack, etc...) is going to occur. Leave a message with the intended plan if no one answers. If in doubt notify! Better to notify unnecessarily than not to and get a fine.
2. Immediately upon spudding.
3. 24 hours prior to any cementing operation.
4. 24 hours prior to any BOP or casing pressure test.

PHONE NUMBERS

BLM - Farmington: (505) 599-8907

New Mexico Oil Conservation Department: (505) 334-6178

Review Emergency Response Plan before rigging up and be prepared to execute the plan if needed!

The objective of this well is to develop the Mesa Verde (MV) geologic horizons.

Take deviation surveys every 500' except unless drilling with an air hammer. When drilling with an air hammer, a directional survey is required at TD to be run inside casing.

Good oilfield practices are to be used throughout the drilling of this well. This includes measuring and recording the OD, ID and length of everything that goes through the rotary table, using hole covers, etc.

TIME	Days From Spud to...							
	Surf Csg Pt	Drig Out	Int. Csg Pt	Drig Out	TD	Log	Prod Csg Set	Rig Rel.
Days	0.5	1.0	3.5	4.0	7.0	N/A	7.5	8.0

FORMATIONS	Zone	Depth (TVD)	MV	Zone per	Hole Size	Csg Size	FIT / LOT	Remarks
	Surface Casing	+/- 250	8.4 - 8.8		12 1/4"	9 5/8"	✓	Severe lost circulation is possible. 9 5/8", 36 ppf, J-55, STC Casing. Cement to surface.
	OJAM	917	8.4 - 9.0		8 3/4"			Possible water flows.
	KRLD	1032						
	FRLD	1637						Set intermediate casing into FRLD, above coal seams.
	INT CSG	1742				7"	✓	7", 20 ppf, J-55, STC Casing. Cement to surface.
	PCCF	2182	Air					
	LEWS	2585						
	CHRA	3217		475				
	CLFH/MV	3872		563				Gas - Possible get wet
	MENF/MV	3922						Gas - Possible get wet
	PTLK/MV	4522						Gas - Possible get wet
	TOTAL DEPTH	5100				4 1/2"		4 1/2", 10.5 ppf, J-55, STC (0' to TD) Cement to 200' inside of INT CSG.
	PERMIT TO	5400						

LOGS	Intermediate Logs:	N/A
	TD Logs:	Cased hole logs (CBL, TDT) Possible temperature survey after 4.5" cement job to verify TOC (consult with the Production Engineer).
	Additional Information:	Loggers to provide a sketch with all lengths, OD's & ID's of all tools prior to running in the hole.

Schlumberger**FEDERAL 10B**

CONOCO, INC.
BRETT THOMPSON
HOUSTON, TEXAS

SURFACE CASING - 9 5/8" 36#/FT**OBJECTIVE:** BRING CEMENT TO SURFACE.**SPACER:** 20 BBLS FRESH WATER**SLURRY DESIGN:** CLASS B + 2% S1 + 0.25 PPS D29

MIX WT.: 15.6 PPG
 YIELD: 1.19 CU.FT./SK.
 H2O: 5.19 GAL./SK.
 T.T.: 2:30 HOURS:MINUTES
 C/S: 1000 PSI IN 12 HRS.
 EXCESS: 100%
 VOLUME: 145 SKS

3.172 M / (1.19 x 172 M) = 247 M / 1.19 x 172 M x 1.19

INTERMEDIATE CASING - 7" 20 #/FT**OBJECTIVE:** BRING CEMENT TO SURFACE.**SPACER:** 20 BBLS FRESH WATER**SLURRY DESIGN:** LEAD - CLASS B + 6% D20 + 0.1% D46 + 0.25 PPS D29

MIX WT.: 11.4 PPG
 YIELD: 2.94 CU.FT./SK.
 H2O: 18.13 GAL./SK.
 F/L: NO CONTROL
 T.T.: 6:00 HOURS:MINUTES
 C/S: 250 PSI IN 48 HRS.
 EXCESS: 100%
 VOLUME: 170 SKS

TAIL - CLASS B + 1% S1

MIX WT.: 15.6 PPG
 YIELD: 1.19 CU.FT./SK.
 H2O: 5.21 GAL./SK.
 F/L: 550 CC/30 MINUTES
 T.T.: 2:30 HOURS:MINUTES
 C/S: 2500 PSI IN 24 HOURS
 EXCESS: 100%
 VOLUME: 80 SKS

6.62 M / (1.19 x 55 M) = 1.14 M / 1.19 x 55 M x 1.19

PRODUCTION CASING - 4 1/2" 10.5 #/FT**OBJECTIVE:** BRING CEMENT TO 200' INSIDE OF INTERMEDIATE CSG.**SPACER:** 10 BBLS CHEMICAL WASH**SLURRY DESIGN:** 50:50 POZ: CLASS B + 2.75% D20 + 2% D167 + .1%D46 + 0.25 PPS D29

MIX WT.: 12.4 PPG
 YIELD: 1.60 CU.FT./SK.
 H2O: 8.28 GAL./SK.
 F/L: 372 CC/30 MINUTES
 T.T.: 5:00 HOURS:MINUTES
 C/S: 1200 PSI IN 24 HOURS
 EXCESS: 50%
 VOLUME: 370 SKS

7.14 M / (1.60 x 50 M) = 2.27 M / 1.60 x 50 M x 1.60