

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF-078266	
2. Name of Operator CONOCO INC.		6. If Indian, Allottee or Tribe Name	
3a. Address 10 DESTA DR., ROOM 608W MIDLAND, TX 79705		7. If Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 915.666.5799 Ext: 5799		8. Well Name and No. WOOD WN FEDERAL 1M	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T29N R10W NENW 835FNL 1805FWL		9. API Well No. 30-045-30900	
		10. Field and Pool, or Exploratory BLANCO MESAVERDE/BASIN DAKOT.	
		11. County or Parish, and State SAN JUAN COUNTY, NM	

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Conoco Inc. proposes to change this well from a "Mud Drilled" to an "Air Drilled" well. A revised well plan and cement plan are attached to this Sundry Notice.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #10336 verified by the BLM Well Information System For CONOCO INC., will be sent to the Farmington	
Name (Printed/Typed) VICKI WESTBY	Title AUTHORIZED SIGNATURE
Signature <i>Vicki Westby</i> (Electronic Submission)	Date 02/11/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>[Signature]</i>	Title <i>Petr. Eng</i>	Date <i>2/15/02</i>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office <i>BLM - FFO</i>	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

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NMOCD

PROJECT PROPOSAL - New Drill / Sidetrack



Well : WOOD WN FEDERAL	Lease : WOOD WN FEDERAL	AFE # : 4018 (MV)	AFE \$:
Field Name : WEST	Rig : Key 49	State : NM	County : San Juan
Geoscientist : Campbell, Lisa M.	Phone : (281) 293 - 6527	Prod. Engineer : S.S. Gopalan	Phone : 6392520
Res. Engineer : Boneau, Trent C.	Phone : (281) 293-6520	Proj. Field Lead :	Phone :

Primary Objective (Zones) :

Pool	Pool Name
FRR	BASIN DAKOTA (PRORATED GAS)
RON	BLANCO MESAVERDE (PRORATED GAS)

"Air Drilled"

Surface Location :

Latitude : 36.7168	Longitude : -107.8922	X :	Y :	Section : 21nw	Survey : 29N	Abstract : 10W
Footage X : 1805 FWL	Footage Y : 835 FNL	Elevation:	5684 (FT)			

Bottom Hole Location :

Latitude :	Longitude :	X :	Y :	Section :	Survey :	Abstract :
Location Type :	Start Date (Est.) :	Completion Date :	Date In Operation :			

Formation Data : Assume KB = 5697 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion	BHP (PSIG)	BHT	Remarks
Surface Casing	250	5447				Severe lost circulation is possible. 9 5/8", 36 ppf, J-55, STC casing. Circulate cement to surface.
OJAM	810	4887				Possible water flows"
KRLD	980	4717				
FRLD	1506	4191				Possible gas
PCCF	2021	3676				Possible gas
LEWS	2110	3587				
Intermediate Casing	2210	3487				7", 20 ppf, J-55, STC Casing. Circulate cement to surface.
CLFH	3665	2032				Gas; possibly wet
MENF	3735	1962				Gas
PTLK	4309	1388				Gas
GRHN	6261	-564				Gas, highly fractured
GRRS	6324	-627				
TWLS	6373	-676				Gas
PAGU	6415	-718				Gas
CBBO	6470	-773				Gas
BRRO	6580	-883				

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Total Depth	6680	-983		4 1/2", 10.5 ppf, J-55, STC casing. Circulate cement a minimum of 100' inside the previous casing string. No open hole logs. Cased hole TDT with GR to surface.
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Logging Program :

Intermediate Logs :

☐ Log only if show ☐ GR / ILD ☐ Triple Combo

TD Logs :

☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☒ TDT

Additional Information :

Logging company to provide a sketch with all lengths, OD's & ID's of all tools prior to running in the hole.

Cased hole TDT with GR to surface.

Comments : Will not complete CH in MV; will pursue lower Cubero+/-.

Cementing Summary

Wood WN Federal Com 1M

	Depth	OH					
		Depth	Excess				
9-5/8" Sfc Casing	0			Class 'H' Cement	165 sx	Slurry Volume	174.8 cu ft
				Flocele (if req'd)	0.25 lb/sk		31.1 bbl
				CaCl2	2.0% bwoc-db	Slurry Density	16.5 ppg
				Defoamer (if req'd)	0.05 gal/bbl	Slurry Yield	1.06 cu ft/sk
9-5/8" shoe	250	100%				Mix Fluid	4.22 gal/sk
7" Lead Cement	150%			Blend	198 sx	Slurry Volume	559.6 cu ft
				Class 'H' Cement	84 lb/sk		99.7 bbl
				San Juan Poz	lb/sk	Slurry Density	11.4 ppg
				Econolite	3.0% bwob	Slurry Yield	2.83 cu ft/sk
				CaCl2	bwob	Mix Fluid	17.29 gal/sk
				CFR-3	bwob		
				HR-5	bwob		
7" Top of Tail 582 ft	1,628			Silicalite-blended	10 lb/sk		
				Flocele	0.5 lb/sk		
				Defoamer (if req'd)	0.05 gal/bbl		
7" Tail Cement	150%			Blend	200 sx	Slurry Volume	237.8 cu ft
				Class 'H' Cement	100% bwob		42.4 bbl
				San Juan Poz	lb/sk	Slurry Density	15.6 ppg
				Econolite	bwob	Slurry Yield	1.19 cu ft/sk
				CaCl2	1.00% bwob	Mix Fluid	5.2 gal/sk
4.5" TOC	1,200			CFR-3	bwob		
				HR-5	bwob		
				Silicalite-blended	bwob		
				Flocele	0.25 lb/sk		
				Gilsonite	lb/sk		
				Defoamer (if req'd)	0.05 gal/bbl		
7" Casing Intermediate	2,210	150%					
4.5" Cement	50%			Blend	475 sx	Slurry Volume	806.9 cu ft
				Class 'H' Cement	47 lb/sk		143.7 bbl
				San Juan Poz	24 lb/sk	Slurry Density	12.8 ppg
				Bentonite	3.00% bwob	Slurry Yield	1.70 cu ft/sk
				Halad-344	0.40% bwoc	Mix Fluid	8.26 gal/sk
				CFR-3	0.20% bwoc		
				HR-5	0.10% bwoc		
				Silicalite-blended	20 lb/sk		
				Flocele	0.25 lb/sk		
				Defoamer (if req'd)	0.05 gal/bbl		
4-1/2" Casing Production	6,680	50%					