

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. NMSF078739	
2. Name of Operator CONOCOPHILLIPS COMPANY		6. If Indian, Allottee or Tribe Name	
3a. Address 5525 HIGHWAY 64 FARMINGTON, NM 87401		7. If Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 505.599.3454 Fx: 505-599-3442		8. Well Name and No. SAN JUAN 30-5 UNIT 90M	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T30N R5W NESE 1977FSL 661FEL 36.79611 N Lat, 107.33720 W Lon		9. API Well No. 30-039-27086-00-X1	
		10. Field and Pool, or Exploratory BASIN DAKOTA	
		11. County or Parish, and State RIO ARRIBA 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
	<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.)

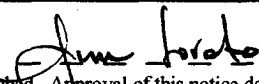
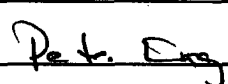
ConocoPhillips wishes to change the cement program submitted with the original APD. See attached for the new proposed schematic and cement slurries. The TD also changed by 1 foot on the new program. The casing size and grade remain the same.

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #28624 verified by the BLM Well Information System For CONOCOPHILLIPS COMPANY, sent to the Farmington Committed to AFMSS for processing by ADRIENNE GARCIA on 03/08/2004 (04AXG2005SE)	
Name (Printed/Typed) PATSY CLUGSTON	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 03/08/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	Title 	Date 3/10/04
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

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOC

San Juan 30-5 # 90M

SURFACE CASING :

Drill Bit Diameter	9.025"	
Casing Outside Diameter	9.025"	Casing Inside Diam. 7.191"
Casing Weight	32.3	ppf
Casing Grade	H-40	
Shoe Depth	220'	
Cement Yield	150	cuft/sk
Excess Cement	150	%
Cement Required	142	bx

SHOE 220', 9.025", 32.3 ppf, H-40 STC

INTERMEDIATE CASING :

Drill Bit Diameter	7"	
Casing Outside Diameter	7"	Casing Inside Diam. 5.243"
Casing Weight	20	ppf
Casing Grade	J-55	
Shoe Depth	3682'	
Lead Cement Yield	150	cuft/sk
Lead Cement Excess	150	%
Tail Cement Length	3682'	
Tail Cement Yield	150	cuft/sk
Tail Cement Excess	150	%
Lead Cement Required	150	bx
Tail Cement Required	150	bx

SHOE 3682', 7", 20 ppf, J-55 STC

PRODUCTION CASING :

Drill Bit Diameter	4.5"	
Casing Outside Diameter	4.5"	Casing Inside Diam. 3.000"
Casing Weight	11.6	ppf
Casing Grade	I-80	
Top of Cement	200'	200' inside intermediate casing
Shoe Depth	8100'	
Cement Yield	50	cuft/sk
Cement Excess	50	%
Cement Required	40	bx

SHOE 8100', 4.5", 11.6 ppf, I-80 STC

San Juan 30-58-30M			
	Stm Csg	Int Csg	Prod Csg
OD	9.625	7	4.5
ID	9.001	6.456	4.000
Depth	220	3682	8100
Hole Diam	12.25	8.75	6.25
1/2 Excess Lead		150	
1/2 Excess Tail	150	150	50
Lead Yield		2.30	
Tail Yield	1.24	.83	1.23
Shoe Track Volume	220	736.4	4618
Lead of Tail Slurry	10	2945.6	3482
Lead of Lead Slurry	N/A	0	N/A
Mud Weight	8.9	9.0	air drill
Mud Type	WBM	WBM	air drill

Surface Casing						
	Ft	Cap	XS Factor	bbls	cuft	sq
Open Hole Annulus	220	0.056804	2.5	30.7	172.3	128.6
Shoe Track Volume	40	0.078735	1	3.1	1.7	13.2
Total					174.0	141.8

Intermediate Casing						
	Ft	Cap	XS Factor	bbls	cuft	sq
Lead Open Hole Annulus	2725.6	0.026786	2.5	182.5	1024.7	355.8
Lead Cased Hole Annulus	220	0.031116	1	6.8	38.4	13.3
Lead Tail						
Tail Open Hole Annulus	736.4	0.026786	2.5	49.3	276.9	208.2
Tail Shoe Track Volume	42	0.040505	1	1.7	9.6	7.2
Total					229.2	215.5

Production Casing						
	Ft	Cap	XS Factor	bbls	cuft	sq
Open Hole Annulus	4418	0.018282	1.5	121.2	680.2	469.1
Cased Hole Annulus	200	0.020826	1	4.2	23.4	16.1
Total					703.6	485.2

San Juan 30-47-90W		
95/5 Shale Gas		
Cement Recipe	50/50 POZ Standard Cement	
	+ 2% Bentonite	
	+ 3% Calcium Chloride	
	+ 5 lb/sx Gilsonite	
	+ 0.25 lb/sx Cellulose Flakes	
	+ 0.2% C.F.R. 3 Friction Reducer	
Cement Volume	14	sc
Cement Yield	1.34	cwt/sc
Cement Volume	13.8	cwt
Cement Density	13.5	ppg
Water Required	5.39	gal/sx
Compressive Strength		
Sample cured at 70 deg F for 8 hrs		
8 hrs 05 min	60	psi
7 hrs 45 min	500	psi

San Juan 30-57-90-6

7" Intermediate Casing	
Lead Slurry	
Cement Recipe	Standard Cement + 3% Econolite (extender) + 10 lb/sx Pheno Seal
Cement Required	3.89 sx
Cement Yield	2.88 cuft/sx
Slurry Volume	11.23 cuft
	1.69 bbls
Cement Density	11.5 ppg
Water Required	16.91 gal/sx
Compressive Strength	
Sample cured at 130 deg F for 24 hrs	
1 hr 47 min	50 psi
12 hr	350 psi
24 hr	450 psi

7" Intermediate Casing	
Tail Slurry	
Cement Slurry	50 / 50 POZ Standard Cement + 2% Bentonite + 6 lb/sx Pheno Seal
Cement Required	2.11 sx
Cement Yield	1.33 cuft/sx
Slurry Volume	6.44 cuft
	0.94 bbls
Cement Density	13.5 ppg
Water Required	5.52 gal/sx
Compressive Strength	
Sample cured at 130 deg F for 24 hrs	
2 hr 05 min	50 psi
4 hr 06 min	500 psi
12 hr	1250 psi
24 hr	1819 psi

San Juan 4045 / 90M	
2 1/2" Production Casing	
Cement Recipe	50 / 50 POZ Standard Cement
	+ 3% Bentonite
	+ 5 lb/sx PhenoSeal
	+ 0.2% CFR-3 Friction Reducer
	+ 0.1% HR-5 Retarder
	+ 0.8% Halad-9 Fluid Loss Additive
Cement Quantity	1.45 sx
Cement Yield	1.45 cuft/sx
Cement Volume	1.45 cuft
Cement Density	13.1 ppg
Water Required	6.47 gal/sx
Compressive Strength	
Sample cured at 200 deg F for 23 hrs	
9 hr 50 min	50 psi
13 hr 45 min	500 psi
16 hr	1500 psi
23 hr	2525 psi

BLM CONDITIONS OF APPROVAL

Operator: ConocoPhillips Company

Well Name: San Juan 30-5 Unit 90M

Legal Location: 1977' FSL, 661' FEL; sec. 22, T30N, R5W

Lease No.: NMSF 078739

Please adhere to the previously issued stipulation:

The required wait on cement (WOC) time will be a minimum of 250 psi compressive strength at 60 degrees. Blowout preventor (BOP) nipple-up operations may then be initiated.