

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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

5. Lease Serial No.
NMSF078994

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
CONOCOPHILLIPS COMPANY

Contact: PATSY CLUGSTON
E-Mail: pclugs@ppco.com

3a. Address
5525 HIGHWAY 64
FARMINGTON, NM 87401

3b. Phone No. (include area code)
Ph: 505/599-3454
Fx: 505/599-3442

8. Well Name and No.
SAN JUAN 30-5 UNIT 88M

9. API Well No.
30-039-27087-00-X1

10. Field and Pool, or Exploratory
BASIN DAKOTA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 18 T30N R5W SWNW 2110FNL 1072FWL
36.81361 N Lat, 107.40330 W Lon

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 recomplete 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 recompletion 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 well schematic and cement slurries. The TD also changed by 1 foot on this well, but the casing size & 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 #28627 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 (04AXG2007SE)

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

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 ****

NMOCD

San Juan 30-5 # 88M

SURFACE CASING :

Drill Bit Diameter	"	
Casing Outside Diameter	"	Casing Inside Diam. 8.063"
Casing Weight	ppf	
Casing Grade		
Shoe Depth	220'	
Cement Yield	cuft/sk	
Excess Cement	150%	
Cement Required	sx	

SHOE 220', 9.625", 32.3 ppf, H-40 STC

INTERMEDIATE CASING :

Drill Bit Diameter	"	
Casing Outside Diameter	"	Casing Inside Diam. 6.443"
Casing Weight	20 ppf	
Casing Grade		
Shoe Depth	3522'	
Lead Cement Yield	cuft/sk	
Lead Cement Excess	150%	
Tail Cement Length		
Tail Cement Yield	cuft/sk	
Tail Cement Excess	150%	
Lead Cement Required	sx	
Tail Cement Required	sx	

SHOE 3522', 7", 20 ppf, J-55 STC

PRODUCTION CASING :

Drill Bit Diameter	"	
Casing Outside Diameter	"	Casing Inside Diam. 4.000"
Casing Weight	11.6 ppf	
Casing Grade	I-80	
Top of Cement		200' inside intermediate casing
Shoe Depth	7867'	
Cement Yield	cuft/sk	
Cement Excess	50%	
Cement Required	sx	

SHOE 7867', 4.5", 11.6 ppf, I-80 STC

San Juan 8015-201			
	Surf. Csg.	Int. Csg.	Prod. Csg.
Op.	9.623	7	4.5
D.	9.004	6.456	4.000
Depth	220	3522	7867
Hole Diam.	12.25	8.75	6.25
% Excess Lead		150	
% Excess Tail	150	150	50
Lead Yield			
Tail Yield			
Top of Tail Slurry	220	704.4	4545
Top of Tail Slurry	0	2817.6	3322
Top 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	cuff	sx
Open Hole Annulus	220	0.055804	2.5	30.7	172.3	128.6
Shoe Track Volume	40	0.078735	1.4	3.1	17.7	13.2
Total				33.8	190.0	

Intermediate Casing						
	Ft	Cap	XS Factor	bbls	cuff	sx
Lead Open Hole Annulus	2597.6	0.026786	2.5	173.9	976.6	339.1
Lead Cased Hole Annulus	220	0.031116	1	6.8	38.4	13.3
Total						
Tail Open Hole Annulus	704.4	0.026786	2.5	47.2	264.8	199.1
Tail Shoe Track Volume	42	0.040505	1	1.7	9.6	7.2
Total						

Production Casing						
	Ft	Cap	XS Factor	bbls	cuff	sx
Open Hole Annulus	4345	0.018282	1.5	119.2	669.0	461.4
Cased Hole Annulus	200	0.020826	1	4.2	23.4	16.1
Total				123.4	692.4	477.5

Cement Recipe		
50/50 POZ Standard Cement		
+ 2% Bentonite		
+ 3% Calcium Chloride		
+ 5 lb/sx Gilsolite		
+ 0.25 lb/sx Cellaphane Flakes		
+ 0.2% GPR-3 Friction Reducer		
Cement Volume	1.42	cu/sx
Cement Yield	1.34	cu/sx
Cement Volume	1.34	cu/sx
Cement Density	13.5	ppg
Water Required	5.39	gal/sx
Compressive Strength		
Sample cured at 70 deg F for 8 hrs		
3 hrs 05 min	50	psi
7 hrs 45 min	500	psi

San Juan 3025 / R33M

7" Intermediate Casing	
Lead Slurry	
Cement Recipe	Standard Cement + 3% Econolite (extender) + 10 lb/sx Pheno Seal
Cement Required	35.2 sx
Cement Yield	2.88 cuft/sx
Slurry Volume	10.15 cuft 80.6 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 ROZ Standard Cement + 2% Bentonite + 6 lb/sx Pheno Seal
Cement Required	20.0 sx
Cement Yield	1.33 cuft/sx
Slurry Volume	2.72 cuft 21.9 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 06 min	50 psi
4 hr 06 min	500 psi
12 hr	1250 psi
24 hr	1819 psi

San Juan 10/25/2010	
4 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% Halao-9 Fluid Loss Additive
Cement Quantity	1.76 sx
Cement Yield	1.45 cuft/sx
Cement Volume	0.82 cuft
Cement Density	13.1 ppg
Water Required	0.47 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 88M

Legal Location: 2110' FNL, 1072' FWL; sec. 18, T30N, R5W

Lease No.: NMSF 078994

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.