

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.**

5. Lease Serial No.
SF 079380

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
SAN JUAN 32-8 UNIT 266A

9. API Well No.
30-045-33049

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

11. County or Parish, State
**SAN JUAN
NEW MEXICO**

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CONOCOPHILLIPS CO.

3a. Address

P.O. BOX 2197 WL3 6108 HOUSTON TX 77252

3b. Phone No. (include area code)

(832)486-2326

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

1405 SOUTH 1531 EAST

UL: J, Sec: 14, T: 32N, R: 8W

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 type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recompleate horizontally, give subsurface locations 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 recompleation 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 requests approval to change our TD on this well to 4100' This well will be cased and only the Fruitland Coal will be perforated and produced. Attached are new cement and casing proposals from Halliburton and Schlumberger.



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

Name (Printed/Typed)

DEBORAH MARBERRY

Title

REGULATORY ANALYST

Signature

Date

08/17/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Pet. Eng

Date

8/25/05

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

PFO

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.

(Instructions on reverse)

San Juan 32-8 # 266A
Halliburton Cementing Program

SURFACE CASING :

Drill Bit Diameter	12.25"	
Casing Outside Diameter	9.625"	Casing Inside Diam. 9.001"
Casing Weight	32.3	ppf
Casing Grade	H-40	
Shoe Depth	230'	
Cement Yield	1.21	cuft/sk
Cement Density	15.6	lb/gal
Excess Cement	125	%
Cement Required	141	sx

SHOE 230', 9.625", 32.3 ppf, H-40 STC

Production
INTERMEDIATE CASING :

Drill Bit Diameter	7.875"	
Casing Outside Diameter	5.5"	Casing Inside Diam. 4.892"
Casing Weight	17	ppf
Casing Grade	J-55	
Shoe Depth	4100'	
Lead Cement Yield	2.91	cuft/sk
Lead Cement Density	11.5	lb/gal
Lead Cement Excess	160	%
Tail Cement Length	820'	
Tail Cement Yield	1.33	cuft/sk
Tail Cement Density	13.5	lb/gal
Tail Cement Excess	160	%
Lead Cement Required	493	sx
Tail Cement Required	278	sx

SHOE 4100', 5.5", 17 ppf, J-55 LTC

San Juan 32-8 # 266A		
Halliburton Cementing Program <i>Prod</i>		
	Surf. Csg	Int. Csg
OD	9.625	5.5
ID	9.001	4.892
Depth	230	4100
Hole Diam	12.25	7.875
% Excess Lead		160
% Excess Tail	125	160
Lead Yield		2.91
Tail Yield	1.21	1.33
Ft of Tail Slurry	217	820
Top of Tail Slurry	0	3280
Top of Lead Slurry	N/A	0
Mud Wt (ppg)	8.9	9.0
Mud Type	WBM	WBM

Surface Casing						
	Ft	Cap	XS Factor	bbls	cuft	sx
Open Hole Annulus	217	0.055804	2.25	27.2	153.0	126.4
Shoe Track Volume	40	0.078735	1	3.1	17.7	14.6
Total				30.4	170.7	141.0

<i>Production</i> Intermediate Casing						
	Ft	Cap	XS Factor	bbls	cuft	sx
Lead Open Hole Annulus	3050	0.03087	2.6	244.8	1374.4	472.3
Lead Cased Hole Annulus	217	0.049337	1	10.7	60.1	20.7
Lead Total				255.5	1434.6	493.0
Tail Open Hole Annulus	820	0.03087	2.6	65.8	369.5	277.8
Tail Total				65.8	369.5	277.8

San Juan 32-8 # 266A		
Halliburton Cementing Program		
9-5/8 Surface Casing		
Cement Recipe	Standard Cement	
	+ 3% Calcium Chloride	
	+ 0.25 lb/sx Flocele	
Cement Volume	14.1	sx
Cement Yield	1.21	cuft/sx
Slurry Volume	170.7	cuft
	30.4	bbls
Cement Density	15.6	ppg
Water Required	5.29	gal/sx

Compressive Strength at 60 degrees F		
5 hrs 59 min	250	psi
8 hrs	500	psi

San Juan 32-8 # 266A
Halliburton Cementing Program

Production

5.5" Intermediate Casing	
Lead Slurry	
Cement Recipe	Standard Cement
	+ 3% Econolite (Lost Circulation Additive)
	+ 10 lb/sx Gilsonite (Lost Circ. Additive)
	+ 0.25 lb/sx Flocele (Lost Circ. Additive)
Cement Required	493 sx
Cement Yield	2.91 cuft/sx
Slurry Volume	1434.6 cuft
	256.5 bbls
Cement Density	11.5 ppg
Water Required	16.88 gal/sx

Compressive Strength	
12 hrs	306 psi
24 hrs	433 psi
48 hrs	531 psi

Production

5.5" Intermediate Casing	
Tail Slurry	
Cement Slurry	50 / 50 POZ Standard Cement
	+ 2% Bentonite (Light Weight Additive)
	+ 5 lbm/sk Gilsonite (Lost Circ. Additive)
	+ 0.25 lbm/sk Flocele (lost Circ. Additive)
	+ 2% Calcium Chloride (Accelerator)
Cement Required	278 sx
Cement Yield	1.33 cuft/sx
Slurry Volume	369.6 cuft
	65.8 bbls
Cement Density	13.5 ppg
Water Required	5.36 gal/sx

Compressive Strength	
3 hrs 50 min	500 psi
12 hrs	1281 psi
24 hrs	1950 psi

1805 ft³

San Juan 32-8 # 266A
Schlumberger Cementing Program

SURFACE CASING :

Drill Bit Diameter	12.25"	
Casing Outside Diameter	9.625"	Casing Inside Diam. 9.001"
Casing Weight	32.3	ppf
Casing Grade	H-40	
Shoe Depth	230'	
Cement Yield	1.16	cuft/sk
Cement Density	15.8	lb/gal
Excess Cement	125	%
Cement Required	147	sx

SHOE 230', 9.625", 32.3 ppf, H-40 STC

Production
INTERMEDIATE CASING :

Drill Bit Diameter	7.875"	
Casing Outside Diameter	5.5"	Casing Inside Diam. 4.892"
Casing Weight	17	ppf
Casing Grade	J-55	
Shoe Depth	4100'	
Lead Cement Yield	2.61	cuft/sk
Lead Cement Density	11.7	lb/gal
Lead Cement Excess	160	%
Tail Cement Length	820'	
Tail Cement Yield	1.27	cuft/sk
Tail Cement Density	13.5	lb/gal
Tail Cement Excess	160	%
Lead Cement Required	550	sx
Tail Cement Required	291	sx

SHOE 4100', 5.5", 17 ppf, J-55

San Juan 32-8 # 266A		
Schlumberger Cementing Program <i>Ind</i>		
	Surf. Csg	Int. Csg
OD	9.625	5.5
ID	9.001	4.892
Depth	230	4100
Hole Diam	12.25	7.875
% Excess Lead		160
% Excess Tail	125	160
Lead Yield		2.61
Tail Yield	1.16	1.27
Ft of Tail Slurry	217	820
Top of Tail Slurry	0	3280
Top of Lead Slurry	N/A	0
Mud Wt (ppg)	8.9	9.0
Mud Type	WBM	WBM

Surface Casing						
	Ft	Cap	XS Factor	bbls	cuft	sx
Open Hole Annulus	217	0.055804	2.25	27.2	153.0	131.9
Shoe Track Volume	40	0.078735	1	3.1	17.7	15.2
Total				30.4	170.7	147.1

Production

Intermediate Casing						
	Ft	Cap	XS Factor	bbls	cuft	sx
Lead Open Hole Annulus	3050	0.03087	2.6	244.8	1374.4	526.6
Lead Cased Hole Annulus	217	0.049337	1	10.7	60.1	23.0
Lead Total				255.5	1434.6	549.6
Tail Open Hole Annulus	820	0.03087	2.6	65.8	369.5	291.0
Tail Total				65.8	369.5	291.0

San Juan 32-8 # 266A		
Schlumberger Cementing Program		
9-5/8 Surface Casing		
Cement Recipe	Class G Cement	
	+ 3% S001 Calcium Chloride	
	+ 0.25 lb/sx D029 Cellophane Flakes	
Cement Volume	147	sx
Cement Yield	1.16	cuft/sx
Slurry Volume	170.7	cuft
	30.4	bbls
Cement Density	15.8	ppg
Water Required	4.983	gal/sx

Compressive Strength at 60 deg F		
6 hrs	250	psi
8 hrs	500	psi

San Juan 32-8 # 266A
Schlumberger Cementing Program

Production

5.5" Intermediate Casing		
Lead Slurry		
Cement Recipe	Class G Cement	
	+ 3% D079 Extender	
	+ 0.25 lb/sx D029 Cellophane Flakes	
	+ 0.2% D046 Antifoam)	
Cement Required	550	sx
Cement Yield	2.61	cuft/sx
Slurry Volume	1434.6	cuft
	255.5	bbls
Cement Density	11.7	ppg
Water Required	15.876	gal/sx

Compressive Strength		
2 hr 37 min	50	psi
39 hr 40 min	500	psi

Production

5.5" Intermediate Casing		
Tail Slurry		
Cement Slurry	50 / 50 POZ : Class G Cement	
	+ 2% D020 Bentonite	
	+ 5 lb/sx D024 Gilsonite extender	
	+ 0.25 lb/sx D029 Cellophane Flakes	
	+ 2% S001 Calcium Chloride	
	+ 0.2% D046 Antifoam	
Cement Required	291	sx
Cement Yield	1.27	cuft/sx
Slurry Volume	369.5	cuft
	65.8	bbls
Cement Density	13.5	ppg
Water Required	5.182	gal/sx

Compressive Strength		
24 hr	908	psi
48 hr	1950	psi

1805 ft