

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
CONOCOPHILLIPS

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Unit H (SENE), 1916' FNL & 469' FEL, Sec. 1, T30N, R6W, NMPM

7. Unit Agreement Name

8. San Juan 31-6 Unit
Well Name & Number

9. SJ 31-6 Unit #40M
API Well No.

30-039-26932

10. Field and Pool

Basin DK / Blanco MV

11. County and State
Rio Arriba Co., NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☒ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

☒ Other -

13. Describe Proposed or Completed Operations

We need to change the cement slurry design for the subject well because of losses and concerns with well control in the Gallup. See the attached for the current cement design we are proposing.

Verbal approval was given by Steve Mason with the BLM on 8/28/06 @ 9:15 am.

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

Signed Patsy Clugston Patsy Clugston Title Sr. Regulatory Specialist Date 8/28/06

(This space for Federal or State Office use)

APPROVED BY Jim Lovelace Title Reg. Eng. Date 9/12/06

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

NMOC



ConocoPhillips

San Juan 31-6 #40M
Sec. 1 T30N R6W
API # 30-039-26932

Schlumberger

Network No. 10141074
Activity Code: J200

4.5" Production Casing

August 26, 2006

Prev. Casing Size	7 inch		
Casing Size	4 1/2 inch		
Casing Weight	11.6 lb/ft	BHST:	188 F
Casing Depth	8,057 feet	One Way Mileage	60 Miles
Bit Size	6 1/4 inch		
Top of Lead	3,471 feet		
Top of Tail	4,821 feet		

	Open Hole	Lead	Tail	Cased Hole	
Lead					
3471'	Cement Excess	100%	50%	Cement Excess	0%
	Casing Volume	0.0155 BBL/Ft		Previous casing	3671 feet
	Annular Volume	0.0183 BBL/Ft		Anular Cased hole	0.0208 BBL/Ft
Inter	Centralizers - 10' above shoe, top of 2nd, 4th, 6th, 8th, 10th joint and 1st joint into 9 5/8" casing.				
Casing					
3671'					

Fluids Summary

Pump Ahead 20 BBL viscosified gel (15-20 cp, 8.44 ppg)

CEMENT SLURRY: (To be verified with Lab Testing)

Lead
103 Sacks LiteCRETE
0.50% D112 - Fluid loss
0.25% D065 - Dispersant
0.15% D800 - Retarder
0.03% D047 - Antifoamer
3.0 CemNET (lb/lb)

Tail
353 Sacks 50% Poz/50% Class G
2.00% D020 - Bentonite
1.00 D024 - Gilsonite extender (lbs/sk)
0.25% D167 - Fluid loss
0.10% D046 - Antifoam
0.15% D065 - Dispersant
0.10% D800 - Retarder
0.25 D29 Cellophane Flakes (lb/sk)
3.0 CemNET (lb/lb)

Cement Volume: 46.2 BBL
Cement Yield: 2.53 Cuft/SK
Cement Density 9.421 ppg
Water Required 9.421 Gal/sk
Thickening Time 3:03 hrs:min
Comp. Strength

Cement Volume: 89.4 BBL
Cement Yield: 1.42 Cuft/SK
Cement Density 13 ppg
Water Required 6.47 Gal/sk
Thickening Time 3:57 hrs:min
Comp. Strength

Tail	3 hr	500 psi	24 hr	500 psi
4821'	24 hr	1080 psi	48 hr	2,100 psi

Treating Procedure

1. Move in and rig up Schlumberger Cementing Equipment. (1 Cement Pump, 2 Cement Bulk Units)
2. Conduct a safety and procedure meeting with all personnel present before treatment begins.
3. Pressure test lines 2,000 psi above job design pressure.
4. Pump 20 BBL viscosified gel (15-20 cp, 8.44 ppg)
5. Pump 46.2 BBL LiteCRETE at 9.42 ppg @5.5 bpm with 3 lbs/sk CemNET
6. Pump 89.4 BBL Tail slurry at 13 ppg @ 5.5 bpm 3 lbs/sk CemNET
7. Shut down, wash lines, drop plug.
8. Displace with 124 BBL fresh water @ 5.5 bpm, slow rate during last 20 barrels. DO NOT overdisplace over 1/2 shoetrack
9. Land plug with 600 psi differential pressure.
10. Check to see if plug is holding.
11. Wash up pump truck at a predetermined site on location.
12. Rig down equipment.

Note: These calculations should be re-calculated on location with a ConocoPhillips representative



San Juan 31-6 #40M - 4.5" Production Casing (continued)

COST ESTIMATE

Equipment and Services

Cement Bulk Units ... 2 units x 6 hours	\$2,628.00
Cementing Head ... per job	\$967.00
Service Charge ... 610 ft3	\$2,574.20
Delivery Charge ... 1124 ton-miles	\$3,496.98
Discharge hose	\$1,980.00
Round Trip Mileage on Equipment ... 1 unit x 120 miles	\$993.60
Round Trip Mileage on Pickup ... 1 unit x 120 miles	\$574.80
CemCAT ... data acquisition recorder ... per job	\$1,630.00
Depth Charge ... 8057 ft ... 1st 4 hours	\$9,300.00
DOT Vehicle Charge, per each	\$1,890.00
CemCRETE Service Charge ... 283	\$1,637.58
List Price ... Equip and Services	\$27,672.16
Total Discount @ 71.5%, 77.5% on DOT & 53% on Overtime	\$19,398.99
Fuel Surcharge (1.5% List Price Services)	\$
Total Discounted Price - Equipment and Services	\$ 7,773.16

Materials

Plug, Cementing 4 1/2 in Top Plastic	\$146.00
Dye	\$44.80
Fuel Surcharge	\$830.16
88 lbs D29 - Cellophane Flakes	\$446.07
543 lbs D020 - Bentonite	\$293.55
353 lbs D024 - Gilsonite Extender	\$571.86
43 lbs D800 - Retarder	\$520.73
4 gals D047 - Antifoam	\$352.28
6644 lbs D961 - CemPLUS Blend	\$2,876.85
4021 lbs D124 - LITEFIL	\$13,389.93
136 bbl D974 - CemNET bbl treated	\$15,883.44
67 lbs D065 - Dispersant	\$994.95
78 lbs D046 - Antifoam	\$754.24
177 sks D048 - LITEPOZ extender	\$2,442.60
52 lbs D112 - Fluid loss	\$1,471.60
5 gal J564 Guar Slurry	\$507.00
177 sks D907 - Class G Cement	\$6,549.00
67 lbs D167 - Fluid loss	\$90.38
List Price ... Materials	\$48,165.45
Total Discount @ 71.5%, 65% New Technology & Cement	\$31,438.45
Total Discounted Price - Materials	\$ 16,727.01

Equipment and Services	\$	7,773.16
Materials	\$	16,727.01
Total before taxes	\$	24,500.17

Tax, USState, 5%	\$	1,225.01
Tax, USCounty, 0.813%	\$	199.19
Tax, USCity, 1.188%	\$	291.06

Total Schlumberger Discounted Price	\$ 26,715.43
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* This pricing is calculated based upon a total of 4 hours operations time (4 hours base without overtime). If additional hours is required in order to complete the job, it will be discounted at 53%.

** All Prices based on SLB-COP 2006 Pricing Agreement using the November 2005 price book.