Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
May 27, 2004

WELL API NO. 30-039-29694

5. Indicate Type of Lease STATE ☐ FEE ☑

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name
SAN JUAN 29-6 UNIT

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

8. Well Number 74C

2. Name of Operator
CONOCOPHILLIPS CO.

9. OGRID Number 217817

3. Address of Operator P.O. BOX 2197 WL3 6108
HOUSTON, TX 77252

10. Pool name or Wildcat
BLANCO MESAVERDE

4. Well Location
Unit Letter B : 500 feet from the NORTH line and 1600 feet from the EAST line
Section 20 Township 29N Range 6W NMPM County RIO ARRIBA

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
6364 GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type_____ Depth to Groundwater_____ Distance from nearest fresh water well_____ Distance from nearest surface water_____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
OTHER:	☐			OTHER:	☐		

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Due to potential lost circulation problems in this area we request approval to topset our 7" casing above the Fruitland coal interval. Attached are the revised cement calculations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.**

SIGNATURE Deborah Marberry TITLE REGULATORY ANALYST DATE 01/26/2006

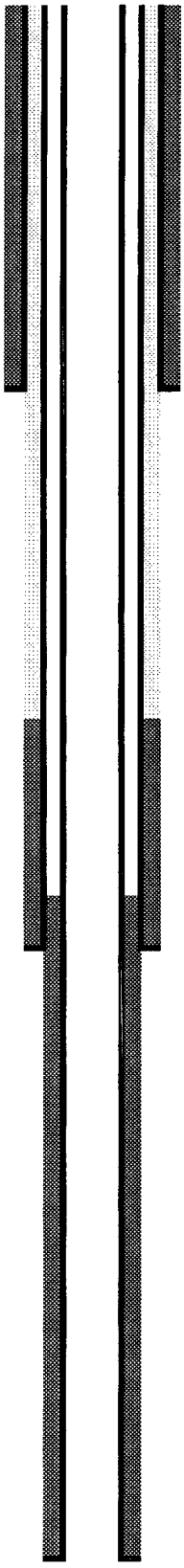
Type or print name DEBORAH MARBERRY E-mail address: deborah.marberry@conocophillips.com Telephone No. (832)486-2326

For State Use Only

APPROVED BY: H Villanueva TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JAN 30 2006

Conditions of Approval (if any):

San Juan 29-6 #74C
Schlumberger Cement Calculations



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	
Excess Cement	125	%	
Cement Required	148	**sx**	

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

INTERMEDIATE CASING :

Drill Bit Diameter	8.75	"	
Casing Outside Diameter	7	"	Casing Inside Diam. 6.456 "
Casing Weight	20	ppf	
Casing Grade	J-55		
Shoe Depth	3055	'	
Lead Cement Yield	2.72	cuft/sk	
Lead Cement Excess	150	%	
Tail Cement Length	611	'	
Tail Cement Yield	1.31	cuft/sk	
Tail Cement Excess	150	%	
Lead Cement Required	321	**sx**	
Tail Cement Required	183	**sx**	

SHOE 3055 ', 7 ", 20 ppf, J-55 STC

PRODUCTION CASING :

Drill Bit Diameter	6.25	"	
Casing Outside Diameter	4.5	"	Casing Inside Diam. 4.052 "
Casing Weight	10.5	ppf	
Casing Grade	J-55		
Top of Cement	2855	'	200' inside intermediate casing
Shoe Depth	5740	'	
Cement Yield	1.44	cuft/sk	
Cement Excess	50	%	
Cement Required	303	**sx**	

SHOE 5740 ', 4.5 ", 10.5 ppf, J-55 STC

San Juan 29-6 #74C			
Schlumberger Cement Calculations			
	Surf. Csg	Int. Csg	Prod. Csg
OD	9.625	7	4.5
ID	9.001	6.456	4.052
Depth	230	3055	5740
Hole Diam	12.25	8.75	6.25
% Excess Lead		150	
% Excess Tail	125	150	50
Lead Yield		2.72	
Tail Yield	1.16	1.31	1.44
Ft of Tail Slurry	230	611	2885
Top of Tail Slurry	0	2444	2855
Top of Lead Slurry	N/A	0	N/A
Mud Wt (ppg)	8.9	9.0	air dril
Mud Type	WBM	WBM	air dril

Surface Casing						
	Ft	Cap	XS Factor	bbls	cuft	sx
Open Hole Annulus	230	0.055804	2.25	27.2	153.0	131.9
Shoe Track Volume	42	0.078735	1	3.3	18.6	16.0
Total				30.6	171.5	147.9

Intermediate Casing						
	Ft	Cap	XS Factor	bbls	cuft	sx
Lead Open Hole Annulus	2214	0.026775	2.5	148.2	832.1	305.9
Lead Cased Hole Annulus	230	0.031104	1	7.2	40.2	14.8
Lead Total				155.4	872.2	320.7
Tail Open Hole Annulus	611	0.026775	2.5	40.9	229.6	175.3
Tail Shoe Track Volume	42	0.04049	1	1.7	9.5	7.3
Tail Total				42.6	239.2	182.6

Production Casing						
	Ft	Cap	XS Factor	bbls	cuft	sx
Open Hole Annulus	2685	0.018275	1.5	73.6	413.2	287.0
Cased Hole Annulus	200	0.020818	1	4.2	23.4	16.2
Total				77.8	436.6	303.2

San Juan 29-6 #74C		
Schlumberger Cement Calculations		
9-5/8 Surface Casing		
Cement Recipe	Class G Standard Cement	
	+ 2% S001 Calcium Chloride	
	+0.25 lb/sx D029 Cellophane Flakes	
Cement Volume	148	sx
Cement Yield	1.16	cuft/sx
Cement Volume	171.5	cuft
Cement Density	15.8	ppg
Water Required	4.983	gal/sx
Compressive Strength		
Sample cured at 60 deg F for 8 hrs		
12 hrs	1174	psi
36 hrs	2763	psi

San Juan 29-6 #74C		
Schlumberger Cement Calculations		

7" Intermediate Casing		
Lead Slurry		
Cement Recipe	Class G Standard Cement	
	+0.25 lb/sx D029 Cellophane Flakes	
	+ 3% D079 Extender	
	+ 0.20% D046 Antifoam	
	+ 10 lb/sx Pheno Seal	
Cement Required	321	sx
Cement Yield	2.72	cuft/sx
Slurry Volume	872.2	cuft
	155.4	bbls
Cement Density	11.7	ppg
Water Required	15.74	gal/sx
Compressive Strength		
Sample cured at 140 deg F for 24 hrs		
2 hr 37 min	50	psi
39 hr 40 min	500	psi

7" Intermediate Casing		
Tail Slurry		
Cement Slurry	50 / 50 POZ:Standard Cement	
	+0.25 lb/sx D029 Cellophane Flakes	
	+ 2% D020 Bentonite	
	+ 1.5 lb/sx D024 Gilsonite Extender	
	+ 2% S001 Calcium Chloride	
	+ 0.10% D046 Antifoam	
	+ 6 lb/sx Pheno Seal	
Cement Required	183	sx
Cement Yield	1.31	cuft/sx
Slurry Volume	239.2	cuft
	42.6	bbls
Cement Density	13.5	ppg
Water Required	5.317	gal/sx
Compressive Strength		
Sample cured at 140 deg F for 24 hrs		
24 hr	908	psi
48 hr	1950	psi

San Juan 29-6 #74C		
Schlumberger Cement Calculations		
4-1/2" Production Casing		
Cement Recipe	50 / 50 POZ:Class G Standard Cement	
	+0.25 lb/sx D029 Cellophane Flakes	
	+ 3% D020 Bentonite	
	+ 1.0 lb/sx D024 Gilsonite Extender	
	+ 0.25% D167 Fluid Loss	
	+ 0.15% D065 Dispersant	
	+ 0.1% D800 Retarder	
	+ 0.1% D046 Antifoamer	
	+ 3.5 lb/sx PhenoSeal	
Cement Quantity	303	sx
Cement Yield	1.44	cuft/sx
Cement Volume	436.6	cuft
	77.8	
Cement Density	13	ppg
Water Required	6.43	gal/sx
Compressive Strength		
Sample cured at 200 deg F for 24 hrs		
6 hr 35 min	500	psi
24 hr	2373	psi