

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
Department of Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

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

WELL API NO.	30-039-29653
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	SAN JUAN 29-5 UNIT
8. Well Number	70G
9. OGRID Number	217817
10. Pool name or Wildcat	BLANCO MESAVERDE / BASIN DAKOTA

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.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator	CONOCOPHILLIPS CO.
3. Address of Operator	P.O. BOX 2197 WL3 6108 HOUSTON, TX 77252
4. Well Location Unit Letter B : 570 feet from the NORTH line and 2480 feet from the EAST line Section 28 Township 29N Range 5W NMPM County RIO ARriba	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6674'	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: APD cementing program ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

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.

ConocoPhillips requests approval to change proposed cementing in this well as per the attached.



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 04/10/2006

Type or print name DEBORAH MARBERRY
For State Use Only

E-mail address: deborah.marberry@conocophillips.com Telephone No. (832) 486-2326

APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. I DATE APR 11 2006
Conditions of Approval (if any):

San Juan 29-5 # 70G
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	235'	
Cement Yield	1.17	cuft/sk
Cement Density	15.8	lb/gal
Excess Cement	125	%
Cement Required	150	sx

circulate cement

SHOE 235', 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	3940'	
Lead Cement Yield	2.63	cuft/sk
Lead Cement Density	11.7	lb/gal
Lead Cement Excess	150	%
Lead Cement Required	339	sx
Tail Cement Length	788'	
Tail Cement Yield	1.28	cuft/sk
Tail Cement Density	13.5	lb/gal
Tail Cement Excess	150	%
Tail Cement Required	139	sx

circulate cement

TOC 3740'
 SHOE 3940', 7", 20 ppf, J-55 STC

PRODUCTION CASING :

Drill Bit Diameter	6.25"	
Casing Outside Diameter	4.5"	Casing Inside Diam. 4.000"
Casing Weight	11.6	ppf
Casing Grade	N-80	
Top of Cement	3740'	200' inside intermediate casing
Shoe Depth	8010'	
Cement Yield	1.44	cuft/sk
Cement Density	13	lb/gal
Cement Excess	50	%
Cement Required	51	sx

SHOE 8010', 4.5", 11.6 ppf, N-80 LTC

San Juan 295 #70G
Schlumberger Cementing Program

7" Intermediate Casing		
Lead Slurry		
Cement Recipe	Class G Cement	
	+ 3% D079 Extender	
	+ 0.20% D046 Antifoam	
	+ 1 lb/bbl CemNet	
Cement Required	433	sc
Cement Yield	2.63	cuft/sc
Slurry Volume	1137.8	cuft
	202.6	bbls
Cement Density	11.7	ppg
Water Required	15.92	gal/sc
Compressive Strength		
Sample cured at 140 deg F for 24 hrs		
3 hrs	100	psi
24 hrs	443	psi

7" Intermediate Casing		
Tail Slurry		
Cement Slurry	50 / 50 POZ Class G Cement	
	+ 2% D020 Bentonite	
	+ 5 lb/sc D024 Gilsontite Extender	
	+ 2% S001 Calcium Chloride	
	+ 0.10% D046 Antifoam	
	+ 0.15% D065 Antifoam	
	+ 1 lb/bbl CemNet	
Cement Required	1239	sc
Cement Yield	11.28	cuft/sc
Slurry Volume	305.8	cuft
	54.5	bbls
Cement Density	13.5	ppg
Water Required	5.255	gal/sc
Compressive Strength		
Sample cured at 140 deg F for 24 hrs		
24 hr	1850	psi
48 hr	3411	psi