

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

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.)		WELL API NO. 30-039-29667
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator CONOCOPHILLIPS CO.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. BOX 2197 WL3 6108 HOUSTON, TX 77252		7. Lease Name or Unit Agreement Name SAN JUAN 29-5 UNIT
4. Well Location Unit Letter P : 1155 feet from the SOUTH line and 1130 feet from the EAST line Section 28 Township 29N Range 5W NMPM County RIO ARRIBA		8. Well Number 70F
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6679 GL		9. OGRID Number 217817
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat BLANCO MESAVERDE / BASIN DAKOTA
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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: APD cementing program ☒

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: A. Villanueva
 Conditions of Approval (if any):

TITLE DEPUTY OIL & GAS INSPECTOR, DIST. IV DATE APR 12 2006

San Juan 29-5 # 70F
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	

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	3935 '	
Lead Cement Yield	2.63 cuft/sk	
Lead Cement Density	11.7 lb/gal	
Lead Cement Excess	150 %	
Lead Cement Required	432 sx	
Tail Cement Length	787 '	
Tail Cement Yield	1.28 cuft/sk	
Tail Cement Density	13.5 lb/gal	
Tail Cement Excess	150 %	
Tail Cement Required	239 sx	

SHOE 3935 ', 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	3735 '	200' inside intermediate casing
Shoe Depth	8010 '	
Cement Yield	1.44 cuft/sk	
Cement Density	13 lb/gal	
Cement Excess	50 %	
Cement Required	452 sx	

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

San Juan 29-5 # 70F
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	432	sx
Cement Yield	2.63	cuft/sx
Slurry Volume	1136.3	cuft
	202.4	bbls
Cement Density	11.7	ppg
Water Required	15.92	gal/sx
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/sx D024 Gilsomite Extender	
	+ 2% S001 Calcium Chloride	
	+ 0.10% D046 Antifoam	
	+ 0.15% D065 Antifoam	
	+ 1 lb/bbl CemNet	
Cement Required	239	sx
Cement Yield	1.28	cuft/sx
Slurry Volume	305.4	cuft
	54.4	bbls
Cement Density	13.5	ppg
Water Required	5.255	gal/sx
Compressive Strength		
Sample cured at 140 deg F for 24 hrs		
24 hr	1850	psi
48 hr	3411	psi