Form 3160-3 (August 1999)  UNITED ST DEPARTMENT OF T BUREAU OF LAND M		FORM APPRO' OMB No. 1004- Expires November 2	0136
BUREAU OF LAND N		5. Lease Serial No. SF-078740	
APPLICATION FOR PERMIT	O DRILL OR REENTER	6. If Indian, Allottee or Tribe N	ame
1a. Type of Work: 🗖 DRILL 🔲 REENTER		7. If Unit or CA Agreement, Na	ime and No.
1b. Type of Well: ☐ Oil Well 🙀 Gas Well ☐ Oth	ner Single Zone  Multiple Zone	8. Lease Name and Well No. SAN JUAN 30-5 UNIT 210	)A
2. Name of Operator Contact:	VICKI WESTBY E-Mail: Vicki.R.Westby@conocophillips.com	9. API Well No.	<u> </u>
3a. Address 4001 PENBROOK, SUITE 346 ODESSA, TX 79762	3b. Phone No. (include area code) Ph: 915.368.1352	30-639-2786  10. Field and Pool, or Explorate BASIN FRUITLAND CO	DAL
4. Location of Well (Report location clearly and in accorded	ince with any State requirements.*)	11. Sec., T., R., M., or Blk. and	Survey or Area
At surface NENW 715FNL 1980FWL At proposed prod. zone	(15456)	Sec 30 T30N R5W Mer	NMP
14. Distance in miles and direction from nearest town or post	office*	12\County or Parish RIO ARRIBA	13. State NM
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in Lease	17.3 Spacing Unit dedicated to t	his well
<ol> <li>Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.</li> </ol>	19. Proposed Depth 3280 MD	20. BLM/BIA Bond No. on file	
21. Elevations (Show whether DF, KB, RT, GL, etc. 6287 GL	22. Approximate date work will start	23. Estimated duration	
	24. Attachments		
The following, completed in accordance with the requirements of	f Onshore Oil and Gas Order No. 1, shall be attached to	his form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Off</li> </ol>	Item 20 above). 5. Operator certification	ns unless covered by an existing b	`
25. Signature (Electronic Submission)	Name (Printed/Typed) VICKI WESTBY		Date 08/09/2004
Title AGENT			
Approved by (Senatural)	Name (Printed/Typed)	(	7-3-83
Title AFM	Office FFO		
Application approval does not warrant or certify the applicant hoperations thereon.  Conditions of approval, if any, are attached.	lds legal or equitable title to those rights in the subject le	ase which would entitle the applic	ant to conduct

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

Additional Operator Remarks (see next page)

Electronic Submission #34284 verified by the BLM Well Information System For CONOCOPHILLIPS COMPANY, sent to the Farmington

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

SUBMITTED \*\* OPERATOR-SUBMITTED \*\* \*\* OPERATOR-SUBMITTED \*\* OPERATOR



District I PO Box 1980, Hobbs, NM 88241-1980

District II PO Drawer DD, Artesia, NM 88211-0719

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

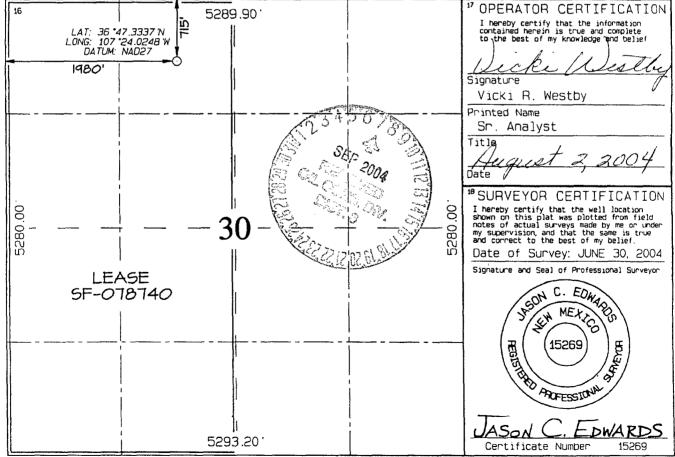
OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Form C-102 Revised February 21, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

			WELL	LOCAT	A DNA NO	CREAGE DEDI	CATION PL	.AT			
30-029-21868 *Pool Code 71629						BASIN	'Pool Name   FRUITLAND	COAL			
Property 3132	l l			•	· -	perty Name N 30-5 UNIT			*Well Number 210A		
'0GAID 1 21781				CO	*Operator NOCOPHILLI	Name PS COMPANY		•E	levation 6287		
<sup>10</sup> Surface Location											
UL or lot no.	Section 30	Township 30N	Range 5W	Lot Idn	Feet from the 715	North/South line	Feet from the 1980	East/West line WEST	County RIO ARRIBA		
		11 E	ottom	Hole L	ocation I	f Different	From Surf	ace			
UL on lot no.	Section	Township	Range	'Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
B Dedicated Acres 320.0 Acres - W/2				<sup>13</sup> Joint or Infill	<sup>54</sup> Consolidation Code	<sup>35</sup> Order Na.					
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION											
LAT: 36 *47.3337 N LONG: 107 *24.0248 W DATUM: NAD27							I hereby containe	ATOR CERTI certify that the independent of the street of the second of t	information d complete		



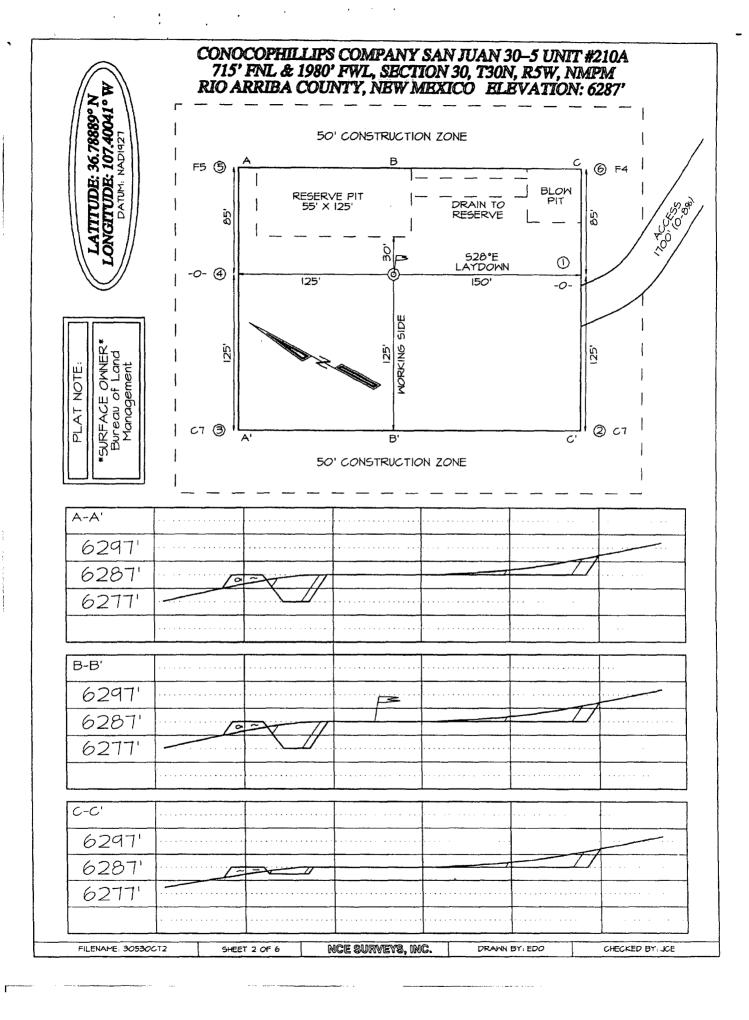
# Additional Operator Remarks:

ConocoPhillips Company proposes to drill a vertical wellbore to the Basin Fruitland Coal formation. This well will be drilled and equipped in accordance with the attachments submitted herewith. This application is for APD/ROW.

This is a HPA FC well and notification has been mailed to the "Affected Parties" and they will have 20 days from receipt of notification to turn their written objection into the NMOCD in Aztec, NM.

ConocoPhillips will have mudloggers on location and they will be picking the TD to prevent us from accessing the PC.

Submit 3 Copies To Appropriate District Office	State of New Mexico	Form C-103
<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and Natural Resources	WELL API NO.
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION	5 Indicate Town of Leave
<u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Francis Dr.	5. Indicate Type of Lease STATE FEE
District IV 1220 S. St. Francis Dr., Santa Fe, NM	Santa Fe, NM 87505	6. State Oil & Gas Lease No.
87505		
i .	ICES AND REPORTS ON WELLS SALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name
	CATION FOR PERMIT" (FORM C-101) FOR SUCH	San Juan 30-5
1. Type of Well: Oil Well	Gas Well X Other	8. Well Number 210 A
2. Name of Operator ConocoPhillips Company		9. OGRID Number 2 17817
3. Address of Operator		10. Pool name or Wildcat
4001 Penbrook, Odessa, T	X 79762	Basin Fruitland Coal
4. Well Location	TIE GOOD About to M	^a-
Unit Letter : Section 30	715 feet from the North line and 10 Township 30 N Range 5W	180 feet from the West line NMPM RID Arriba County
Section 30	11. Elevation (Show whether DR, RKB, RT, GR, etc.	NMPM KID Arriba County
Pit or Below-grade Tank Application o	1,287 GL	
	<u> </u>	Distance from negrest surface water >/000
Pit Liner Thickness: mil		onstruction Material
NOTICE OF IN PERFORM REMEDIAL WORK  TEMPORARILY ABANDON  PULL OR ALTER CASING  OTHER: Drill Pit Notification	PLUG AND ABANDON ☐ REMEDIAL WOR CHANGE PLANS ☐ COMMENCE DR MULTIPLE COMPL ☐ CASING/CEMEN  ✓ OTHER:	SEQUENT REPORT OF:  CK
	eted operations. (Clearly state all pertinent details, an rk). SEE RULE 1103. For Multiple Completions: At	
the pit in reference to the pr	eric Pit Plan is on file at NMOCD in Aztec, NM. See the oposed wellhead. The drill pit will be lined. The drill pfter the water has been disposed of will be sampled and	oit will be closed after the well has been
I hereby certify that the information a grade tank has been/will be constructed or	above is true and complete to the best of my knowledg closed according to NMOCD guidelines , a general permit	e and belief. I further certify that any pit or below- or an (attached) alternative OCD-approved plan .
SIGNATURE VICKE WELL	by (pg) TITLE SR. Analy	st DATE 8/9/04
Type or print name Vicki Westby	E-mail address: Vicki.R.Westby@Conoco	Phillips.com Telephone No. 432-368-1352
For State Use Only	THE THE SAS INSTITUTE OF SAS INSTITUTE	SEP - 9 200
APPROVED BY: Conditions of Approval (if any):	TITLE	DATE 0 2004





# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

**SAN JUAN 30-5 210A** 

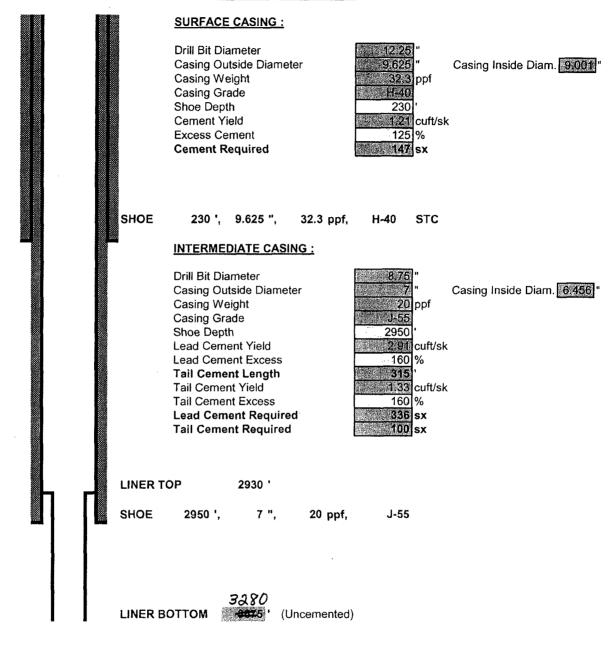
Lease:		The second of the second secon	· communication of the communi	<i>p</i>	AFE #:WA	N.CBM	.4180		AFE \$:
Field Name: hPHI	LLIPS 30-5		Rig: 3	20-2419	<del>,</del> ::	,	State: NM	County: RIO ARRIBA	API #:
Geoscientist: Mur	phy, Jim O.		Phone	: 832-486-23	61	Prod.	Engineer:		Phone:
Res. Engineer: Kolesar, James E. Phone			Phone	: (832) 486 -	2336	Proj.	Field Lead:		Phone:
Primary Objectiv	/e (Zones):							10 mm	A Company of the Comp
Zone	Zone Name								
JCV	BASIN FRUIT	TLAND COAL	(GAS)						
Location: Surface									Straight Hole
Latitude: 36.79	Longitu	ude: -107.40		X:		Y:		Section: 30	Range: 5W
Footage X: 1980 F	WL Footag	e Y: 715 FN	L _	Elevation: 62	287	(FT)	Township: 30N		
Tolerance:									
Location Type:			Start D	Date (Est.):		Cor	npletion Date:	Date In	Operation:
Formation Data:	Assume KB =	= 6300	Jnits =	FT					
Formation Call & Casing Points		Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	ВНТ		Remarks	
SAN JOSE		-25	6325						
Surface Casing		213	6087				12-1/4 hole. to surface.	9 5/8" 32.3 ppf, H-40, ST	C casing. Circulate cement
NCMT		1061	5239						
OJAM		2405	3895				Possible water	r flows.	
KRLD		2515	3785						
FRLD		2913	3387	=			Possible gas.		
Intermediate Casing	)	2950	3350				8 3/4" Hole surface.	7", 20 ppf, J-55, STC Cas	ing. Circulate cement to
BASE MAIN COAL		3063	3237		115				
PC TONGUE		3150	3150						
Total Depth		3211	3089					ossibly underreamed to 9 TC - left uncemented.	.5". Optional Liner: 5.5",
PCCF		3280	3020				Managia Managana Managana Jawa Managana		
Reference Wells		Transfer in		T					and the same of th
Reference Type	Well Name			Comments	•				
Logging Program	1:						The Beach of B		
Intermediate Logs:	Account to the second s	if show 🔲	GR/ILI	) Triple	Combo				
TD Logs:	Triple Co	ombo 🔲 Di	pmeter	RFT [	] Sonic [	VSF	TDT 🔲		
Additional Informat	tion:								
		NILL GA							
Comments: Location	on/Tops/Loggi	ing - HPA							
Zones	- HPA								
	al/Work Descr g from interm		g shoe I	to TD will be o	btained.				
Drilling	Mud Progran	n:							

Printed on: 8/3/2004 3:01:01 PM

Surface: spud mud
Intermediate: fresh water mud with bentonite and polymer as needed

Below Intermediate: air/mist drilling media with foamer, polymer, & corrosion inhibitor as needed

#### San Juan 30-5 # 210A



San-Juan 30-	5#210A	
	Surf Csg	Int. Csg-
OD West	9.625	7
D 4 6 6 6	9.001	6.456
Depth⊌ +	230	2950
Hốte Diam	12.25	8.75
% Excess Lead	<b>Service</b>	160
% Excess Tall	125	160
Lead Yield		2.91
Tall Yield	1.21	4,33
Ft of Tail Slurry	230	315
Top of Tail Slurry	0	2635
Top of Lead Slurry	N/A	0
Mud Wt (ppg)	8.9	9.0
Mud Type	WBM	WBM

.

		Surface 0	Casing			
	Pt	Cap	XS Factor	bbls	cuft	sx
Open Hole Annulus	230	0.055804	2.25	28.9	162.1	134.0
Shoe Track Volume	40	0.078735	775 × 41	3.1	17.7	13.3
Total	4	176.24		32.0	179.8	147.3

		Intermediat	e Casing			
. January Establish McCaller Herrican Career	Ft	Cap	XS Factor	bbls	cuft	SX
Lead Open Hole Annulus	2405	0.026786	2.6	167.5	940.4	323.2
Lead Cased Hole Annulus	220	0.031116	1	6.8	38.4	13.2
Lead Total				1743	978.8	336.4
Tail Open Hole Annulus	315	0.026786	2.6	21.9	123.2	92.6
Tail Shoe Track Volume	42	0.040505	1	4. 1.7	9.6	7.2
Tail Total			10.0	23.6	132.7	99:8

	San Juan 30-5 # 210A					
	9-5/8 Surface Casing					
	Class C Standard Cement					
Cement Recipe	+3% Calcium Chloride					
	+0.25 lb/sx Flocele					
Cement Volume	14/ sx					
Cement Yield	1.21 cuft/sx					
Slurry Volume	179,8 cuft					
	32:0 bbls					
Cement Density	15.6 ppg					
Water Required	5.29 gal/sx					

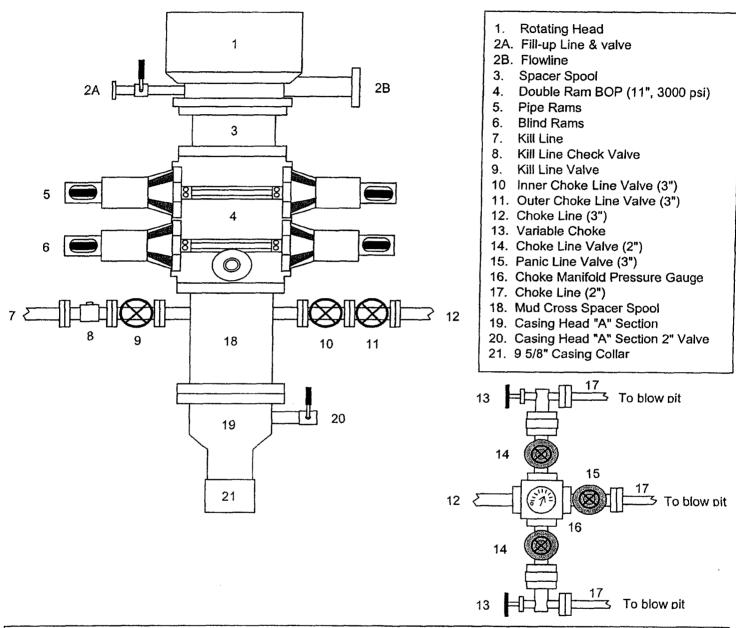
# San Juan 30-5:# 210A

	7" Intermediate Casing					
	Lead Slurry					
	Standard Cement					
Cement Recipe	+ 3% Econolite (Lost Circulation Additive)					
	+ 10 lb/sx Gilsonite (Lost Circ. Additvie)					
	+ 0.25 lb/sx Flocele (Lost Circ. Additive)					
Cement Required	336 sx					
Cement Yield	2.91 cuft/sx					
Slurry Volume	978.8 cuft					
Sidily Volume	174.3 bbls					
Cement Density	11.5 ppg					
Water Required	16.88 gal/sx					

egiála este estada	7" Intermediate Casing				
	Tail Slurry				
	50 / 50 POZ:Standard Cement				
	+ 2% Bentonite (Light Weight Additive)				
Cement Slurry	+ 5 lbm/sk Gilsonite (Lost Circ. Additive)				
	+ 0.25 lbm/sk Flocele (lost Circ. Additive)				
	+ 2% Calcium Chloride (Accelerator)				
Cement Required	100 sx				
Cement Yield	1.33 cuft/sx				
Slurry Volume	1327 cuft				
Sidily volume	23.6 bbls				
Cement Density	13.5 ppg				
Water Required	5.36 gal/sx				

#### BLOWOUT PREVENTER ARRANGEMENT & PROGRAM

For Drilling to Intermediate Casing Point & Setting 7" Intermediate Casing

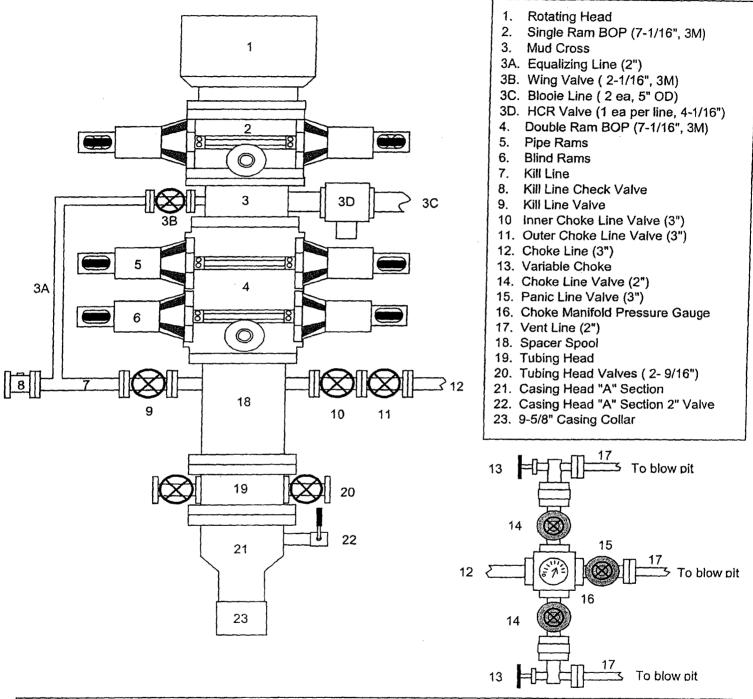


A 12-1/4" hole will be drilled to approximately 220' and the 9-5/8" surface casing will be run and cemented. The Casing Head "A" Section will be screwed onto the 9-5/8" surface casing stub. The BOP will be installed on the Casing Head "A" Section. A test plug will be set in the wellhead and the pipe rams and choke manifold will be tested to 200 psi to 300 psi (low pressure test) for 2-3 minutes and to 1000 psi (high pressure test) for 10 minutes. Then the test plug will be removed, and the 9-5/8" casing will be pressure tested against closed blind rams to 200 psi to 300 psi for 2-3 minutes and to 1000 psi for 30 minutes (this value is one 44% of the minimum internal yield pressure of the 9-5/8" casing). (Note: per regulatory requirements we will wait on cement at least 8 hrs after placement before testing the 9-5/8" surface casing). Then an 8-3/4" hole will be drilled to intermediate casing point and 7" intermediate casing will be run and cemented.

In addition to the equipment in the above diagram the following equipment will comprise the BOP system:

- 1. Upper Kelly cock Valve with handle
- 2. Stab-in TIW valve for all drillstrings in use

# BLOWOUT PREVENTER ARRANGEMENT & PROGRAM For Cavitation Program



This BOP arrangement and test program is for the cavitation program. The BOP will be installed on the tubing head. The 7" casing will be pressure tested against closed blind rams to 200 psi to 300 psi for 2-3 minutes and to 1800 psi for 30 minutes - this test pressure is 48% of the minimum internal yield strength of 3740 psi for the 7", 20#, J-55, STC casing. The pipe rams and choke manifold will be tested to 200 psi to 300 psi (low pressure test) for 2-3 minutes and to 1800 psi (high pressure test) for 10 minutes - This test will be done with a test plug or possibly without a test plug (ie against casing). If we conduct this test without a test plug we will ensure that we have sufficient drillstring weight in the hole to exceed the upward force generated by the test.

We use a power swivel and air/mist to drill the 6-1/4" hole in our cavitation program. We do not use a kelly. In addition to the equipment in the above diagram the following equipment will comprise the BOP system:

- 1. String floats will be used inside the drillpipe
- 2. Stab-in TIW valve for all drillstrings in use
- 3. Each bloole line is equipped with a hydraulically controlled valve (HCR value)



ConocoPhillips Company PTRRC Peggy James

Peggy James 4001 Penbrook St., Ste. 302 Odessa TX, 79762 Phone (432)368-1230 Fax (432)368-1287

August 21, 2004

**NMOCD** 

Attn: Steve Hayden 1000 Rio Brazos Rd Aztec, NM 87410

Re:

San Juan 30-5 #210A

Basin Fruitland Coal

715 FNL / 1980 FWL, Section 30, T-30N, R-5W

Rio Arriba County, New Mexico

Dear Steve:

Please find attached a copy of the HPA notification letter and a copy of the certified return receipts for the San Juan 30-5 #210A well located in Section 30, T-30N, R-5W, Rio Arriba County, New Mexico. The waiting period for this notification should conclude 9/6/04.

Regards,

PTRRC / Odessa

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Control is items if a land. Also complete item & if Hestriated Delivery is desired.  Print your name and address on the reverse is so that we can return the aircrovout.  Attach this card to the back of the melipied octor the front it space permits.  The Address of the Land Control is the melipied of the interest of of t	Signature  B. Begerren V. (Firster Marie):  C. Date of the Control
Po Box 4979 Farming fam Istin 8749	# 18 pic pic
ia), Ander Number La Manses mart envise de la 17.0(6/6), 0,7/6/6) Res Form d'Bliss Abbres and se la 1856 et la 1866.	

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August 9, 2004

ConocoPhillips Company PTRRC

Peggy James 4001 Penbrook St., Ste. 302 Odessa TX, 79762 Phone (432)368-1230 Fax (432)368-1287

RE:

San Juan 30-5 #210A Well

**Basin Fruitland Coal** 

715' FNL & 1980' FWL, Section 30, T30N-R5W

Rio Arriba County, New Mexico

#### To the Affected Parties:

ConocoPhillips Company is submitting the enclosed Application for Permit to Drill to the appropriate regulatory agency(s) for approval. This well is located inside the High Productivity Area of the Basin-Fruitland Coal Pool as indicated on the attached plat. Notice is being made pursuant to New Mexico Oil Conservation Commission Order R-8768-F dated July 17, 2003.

The affected parties have twenty (20) days from receipt of this notice in which to file with the District Office of the New Mexico Oil Conservation Division written objection to the proposed Application for Permit to Drill.

Sincerely,

PTRRC / Odessa

### San Juan 30-5 #201A OFFSET OPERATOR PLAT

1170' FNL; 930' FWL

T	OWNSHIP 30	NORTH,	RANGE	5	_WEST
	Burlington O & G	ConocoPhillips	ConocoPhil	lips	
	Burlington O & G		ConocoPhil	lips	
	Burlington O & G		ConocoPhil	lips	