Form 3160-3 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

BUREAU OF LAND MANAGEMENT	5. Lease Serial No. SF-078119	
APPLICATION FOR PERMIT TO DRILL OR REENTER	6. If Indian, Allottee or Tribe Name	2
1a. Type of Work: ☑ DRILL ☐ REENTER	7. If Unit or CA Agreement, Name	and No.
lb. Type of Well: ☐ Oil Well	Lease Name and Well No. FC FEDERAL 2A	
1b. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone 2. Name of Operator Contact: VICKI WESTBY CONOCOPHILLIPS COMPANY E-Mail: Vicki.R.Westby@conocophillips.com	9. API Well No.	·
3a. Address 4001 PENBROOK, SUITE 346 ODESSA, TX 79762 3b. Phone No. (include area code) Ph: 915.368.1352	300453250 10. Field and Pool, or Exploratory BASIN FRUITLAND COAL	
4. Location of Well (Report location clearly and in accordance with any State requirements) At surface NESW 1360FSL 1720FEL At proposed prod. zone	11. Sec., T., R., M., or Blk. and Su Sec 12 T32N R11W Mer N	
14. Distance in miles and direction from nearest town or post office*	2. County or Parish SAN JUAN	13. State NM
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 19. Proposed Depth 3176 MD	717. Spacing Unit dedicated to this value of the space of	,
21. Elevations (Show whether DF, KB, RT, GL, etc. 6443 GL. 22. Approximate date work will start	23. Estimated duration	
24. Attachments		
 A Drilling Plan. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). Item 20 above). Operator certification Such other site specific infauthorized officer. 	ons unless covered by an existing bone formation and/or plans as may be requ	ired by the
25. Signature (Reference (Printed/Typed) (Electronic Submission) VICKI WESTBY	Date 08/	04/2004
Title AGENT		
Approved by Signatury Title AFM Name (Printed/Typed) Office FFO	Date	7.05
Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject le operations thereon. Conditions of approval, if any, are attached.	ase which would entitle the applicant	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 States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	make to any department or agency of	the United
Additional Operator Remarks (see next page)		
Electronic Submission #34056 verified by the BLM Well Inform For CONOCOPHILLIPS COMPANY, sent to the Farmir	nation System ngton	

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

District I PO Box 1980, Hobbs, NM B8241-1980

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

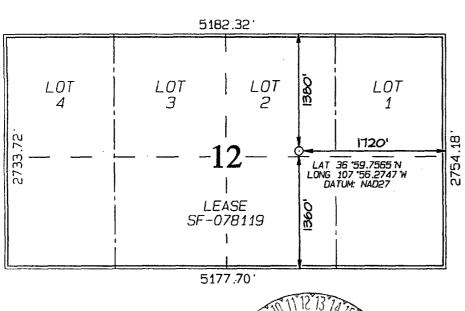
___ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

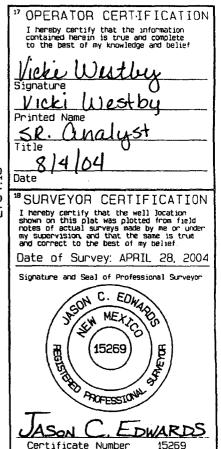
30-045-37506	Pool Code Pool Name 71629 BASIN FRUITLAND COAL			
'Property Code 31528	Property Name *Well Number FC FEDERAL 2A			
'OGRID No.				
L	10.0	· · · · · · · · · · · · · · · · · · ·		

¹⁰ Surface Location UL or lot no Section Township Lot Idn Feet from the North/South line Feet from the East/West line County 32N 1360 **SOUTH EAST** SAN JUAN 12 11W 1720 J ¹¹ Bottom Hole Location If Different From Surface UL or lot no. North/South line Sect ion Feet from the Feet from the East/West line County ¹³Joint or Infill 14 Consolidation Code 333.60 Acres - Entire Section

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







Additional Operator Remarks:

ConocoPhillips Company proposes to dril 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 afor APD / ROW.

This is a HPA FC well and notifications have 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.

,			
Submit 3 Copies To Appropriate District	State of New	Mexico	Form C-103
Office District I	Energy, Minerals and I	Natural Resources	May 27, 2004
1625 N. French Dr., Hobbs, NM 88240			WELL API NO.
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATI	ON DIVISION	
District III	1220 South St. 1	Francis Dr.	5. Indicate Type of Lease STATE FEE
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM	1 87505	STATE FEE 6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM	2011111 - 0, 1 12	20,000	o. State on & Gas Lease No.
87505			
SUNDRY NOT	TICES AND REPORTS ON WE		7. Lease Name or Unit Agreement Name
DIFFERENT RESERVOIR. USE "APPL			FC Federal /Init
PROPOSALS.)	6 WH [] 64		8. Well Number 2 h
1. Type of Well: Oil Well	Gas Well Other		$\alpha \eta$
2. Name of Operator ConocoPhillips Company	.,		9. OGRID Number 2/78/7
3. Address of Operator	,		10. Pool name or Wildcat
4001 Penbrook, Odessa,	TX 79762		
4. Well Location			Basin Frutbond Coal
Unit Letter 5	1340_feet from the _504	Uh line and 1	120 feet from the East line
Section 12	Township 32 N	Range 11 W	
Section 182	11. Elevation (Show whether	DR RKR RT GR etc.	
	6443	GR	
Pit or Below-grade Tank Application			
Pit type <u>Drill</u> Depth to Groundwater	40' Distance from nearest fres	n water well 1,500 D	Pistance from nearest surface water 400
Pit Liner Thickness: mil	Below-Grade Tank: Volume	bbls; Co	nstruction Material
12. Check	Appropriate Box to Indicate	Nature of Notice,	Report or Other Data
NOTICE OF IN	ITENTION TO:	SUBS	SEQUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRIL	
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMENT	·
OTHER:	leted operations (Clearly states	OTHER:	give pertinent dates, including estimated date
of starting any proposed w	ork). SEE RULE 1103. For Mul	tiple Completions: Att	ach wellbore diagram of proposed completion
or recompletion.	,	Apro Compressors, Ame	went wentered diagram of proposed completion
•			
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 guideline	s 🔲, a general permit 🗌 o	r an (attached) alternative OCD-approved plan .
SIGNATURE Vicke West	luch (Di) TITLE	Sr. amly	St DATE 8/4/04
			~

Type or print name Vicki Westby

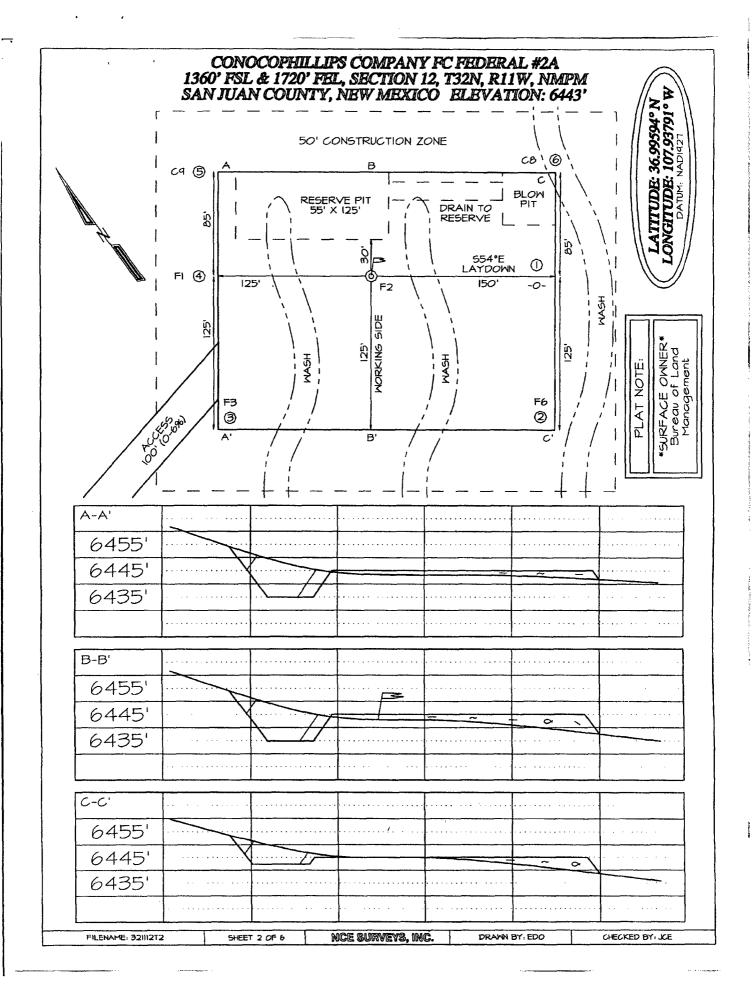
Conditions of Approval (if any):

For State Use Only

APPROVED BY:

E-mail address: Vicki.R.Westby@ConocoPhillips.com Telephone No. 432-368-1352

TITLE DATE DATE





PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

FC	FE	DE	RA	L 2A

Lease:					AFE #:WA		.4128			AFE \$:
Field Name: CBM	DRILL BLOC	KS	Rig: 32	0-2419	,	,	State: N	M County: 9	SAN JUAN	API #:
Geoscientist: Mui	phy, Jim O.		Phone:	832-486-23	861	Prod.	Engineer:	Ensz, Jeremy	R Pho	one: 832-486-2254
Res. Engineer: Pe	terson, Brad	T	Phone:	486-2055		Proj. l	Field Lead:		Pho	one:
Primary Objecti	vie (Zones).	144				1 1 2				
Zone	Zone Name)								
JCV	BASIN FRUI	TLAND COAL	(GAS)							
Location: Sunac	est Park							1961		Straight Fole
Latitude: 37.00	Longit	ude: -109.94		X:		Y:		Section:	12	Range: 11W
Footage X: 1720 I	FEL Footag	ge Y: 1360 FS	iL	Elevation: 64	143	(FT)	Township: 3	32N		
Tolerance:										
Location Type:			Start D	ate (Est.):		Con	npletion Date	2:	Date In Ope	eration:
Formation Data:	Assume KB :	= 6456 L	Jnits =	FT				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Formation Call &		Depth	SS	Depletion	BHP	внт			Remarks	
Casing Points		(TVD in Ft)	(Ft)	(Yes/No)	(PSIG)	5111	<u> </u>		Remarks	
NCMT		-254	6710	片			12-1/4 hold	0.5/0" 22.2	nof U 40 ETC a	oscina Circulata coment
Surface Casing		213	6243				to surface.	:. 9 3/6 32.3	ры, п-чо, этс с	asing. Circulate cement
OJAM		1506	4950				Possible wa	iter flows.		
KRLD		1536	4920							
FRLD		2736	3720				Possible ga			- · · · · · · · · · · · · · · · · · · ·
Intermediate Casing	9	2896	3560					est casing to 1		Circulate cement to
BASE MAIN COAL		3076	3380		95			-	•	
BASE LOWEST COA	L	3146	3310							
Total Depth		3156	3300					possibly unde LTC - left und		Optional Liner: 5.5",
PCCF		3176	3280				13.3#73 33	LIC KIEGIK	emerica.	1
Reference Wells										
Reference Type	Well Name			Comments						
									**	
Leeging Program		if show 🗀	CD/ILD	Tricle	Combo					
Intermediate Logs: TD Logs:	Triple C		GR/ILD ometer	RFT [Combo Combo	7 VSP	П тот			
Additional Informa		OUNDO [] DI	pirietel		J SUIIC [J VSP		·		
, adiaona monina										
										

Comments: Location/Tops/Logging - HPA

Zones - HPA

General/Work Description - Provide funds to drill and complete the Fruitland Coal formation in the FC Federal # 2A located in the East 1/2 of Section 12, T32N,R11W, Basin Fruitland Coal Field, San Juan County, New Mexico.

Mud Log from intermediate casing shoe to TD will be obtained.

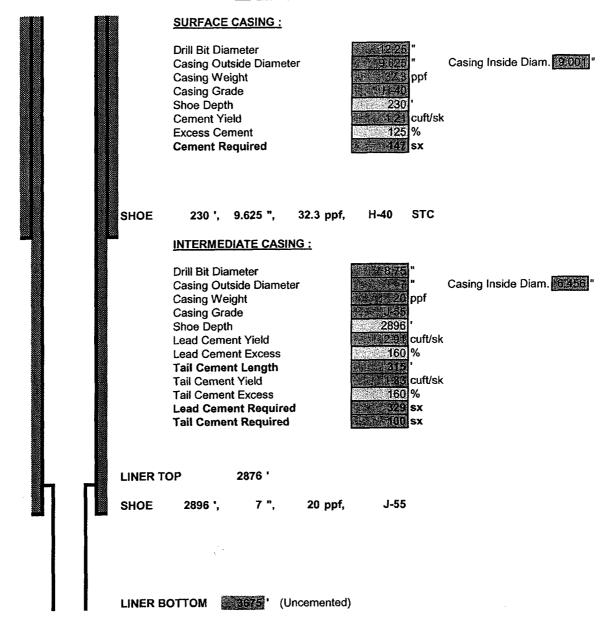
Drilling Mud Program: Surface: spud mud

Intermediate: fresh water mud with bentonite and polymer as needed

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

Printed on: 8/3/2004 10:48:12 AM

FC Federal #2A



FC Federal #2#	V
Sur	f Csg Int Csg
OD & London London London	9.625 7
IDANG PARTENANCE PROPERTY	9:001 6.456
Depth Steel Haller Holland	230 2896
Hole Diam 1 Fig. 2 1 1	12.25 8.75
% Excess Lead 18 18 19 19	160
% Excess Tall	125 160
Lead Yield in This was a first	2.91
Taileyield	### 21 ### ## 33
Ft of Tail Slumy	230 315
Top of Tall Slurry	0 2581
Top of Lead Slurry	N/A 0
Mud Wit (ppg)	8.9 9.0
Mud Type + + W	/BM WBM

	Su	rface Casing	Distriction of the second of t
		PARTICIPATION OF A COMPANIES OF THE PROPERTY OF THE PARTICIPATION OF THE	obis cuit sx
Open Hole Annulus		55804 2.25	28.9 : 162.1 : 134.0
Shoe Track Volume	40 0.0	78765 1	3.1 17.7 1 18.3
Totalia ki di kata kata	《美华》《新代》的《美华》		64820 66366798 图 201476

Annual Company of the Company of the

	FI FI	Cap	XS Factor	bbls	cuft	SX
ead Open Hole Annulus	2351	0.026786	2.6	163.7	919.3	315.9
ead Cased Hole Ampulus	220	0.031116		6.8	38.4	13.2
cea (Princial) de concreta de la concre				1766	10.00	3/29
eli (O) en Hole Antiulus	315	0.026786	2.6	21.9	123.2	92.6
Tail Snee Track Volume	42	0.040505	1	1.7	9.6	7.2
នៅស្រីលែទៅសុខការប្រកាសន				200	#4 F1327	450 (616)

19 T	FC Federal #2A
	9-5/8 Surface Casing
	Class C Standard Cement
Cement Recipe	+ 3% Calcium Chloride
	+0,25 lb/sx Flocele
Cement Volume	147 SX
Cement Yield	1/21 cuft/sx
Slurry Volume	3 479.8 Cuft
	# 32.0 bbls
Cement Density	15.6 ppg
Water Required	5,29 gal/sx

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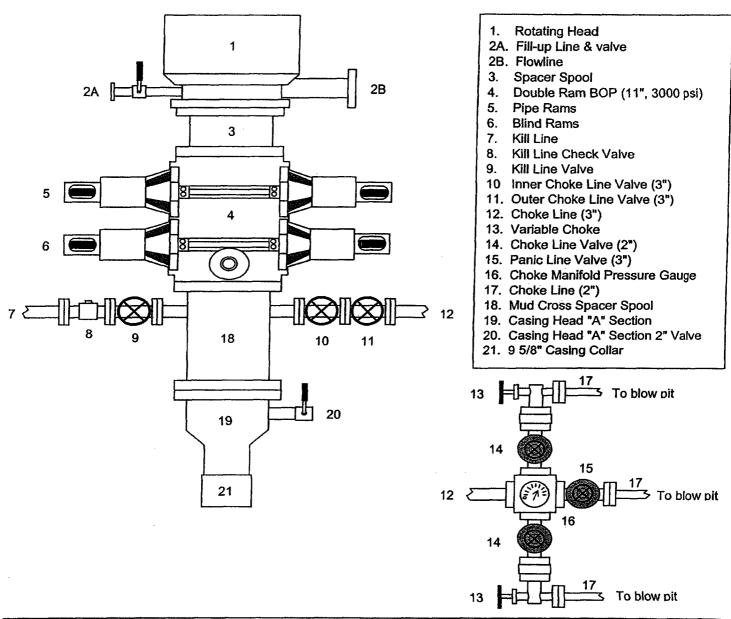
FC Federal #2A

	7" Intermediate Casing				
	Lead Slurry				
	Standard Cement				
Cement Recipe	± 3% Econolite (Lost Circulation Additive)				
	+10 b/sx Gilsonite (Lost Circ: Additivie)				
	+ 0.25 lb/sx Flocele (Lost Circ. Additive)				
Cement Required	SX				
Cement Yield	2.91 cuft/sx				
Slurry Volume	Cuit				
	170.6 bbls				
Cement Density	11.5 ppg				
Water Required	16.88 gal/sx				

	7" Intermediate Casing		
	Táil Slurry		
	50 / 50 POZ/Slandard Cement		
	+ 2% Bentonite (Light Weight Additive)		
Cement Slurry	#-5 bm/sk Gilsonite (Lost Gire: Additive)		
	± 0.25 lbm/sk Flocele (lost Circ, Additive)		
	± 2% Calcium Chloride (Accelerator)		
Cement Required	SX		
Cement Yield	1,33 cuft/sx		
Slurry Volume	are as well as you cuff		
	960 S 22366 658		
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



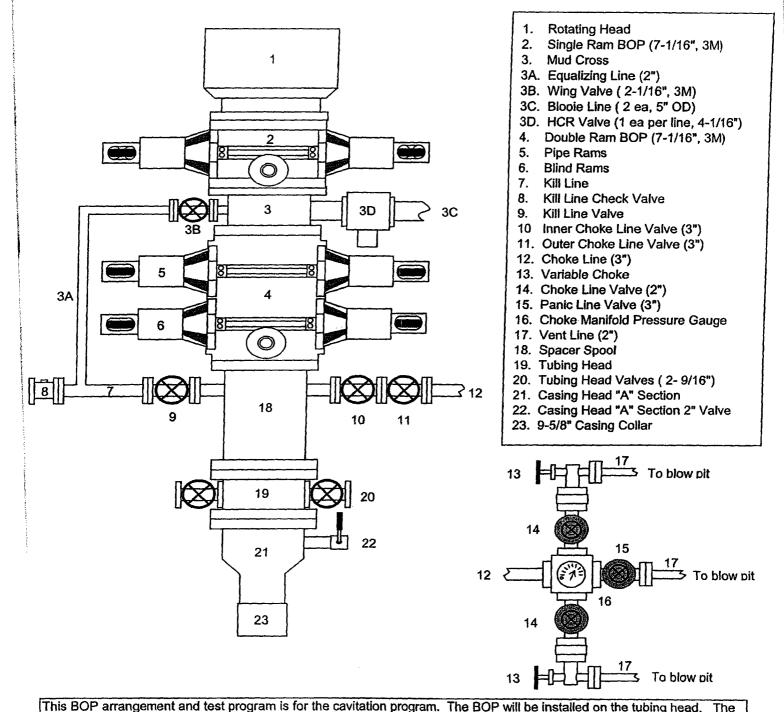
A 12-1/4" hole will be drilled to approximately 220' and the 9-5/8" surface casing will be run and cemented. The Casing Head "A" Section will be screwed onto the 9-5/8" surface casing stub. The BOP will be installed on the Casing Head "A" Section. A test plug will be set in the wellhead and the pipe 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



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 (HCD valve)

Release 8.26 of ConocoPhillips

August 9, 2004

ConocoPhillips Company PTRRC

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

NMOCD

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

Re:

FC Federal #2A

Basin Fruitland Coal 1360' FSL & 1720' FEL, Section 12, T32N-R11W

San Juan 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 FC Federal #2A well located in Section 12 T32N, R11W, San Juan County, New Mexico. The waiting period for this notification should conclude 8/26/04.

Sincerely

PTRRC / Odessa

attachments



August 4, 2004

ConocoPhillips Company PTRRC

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

Sent via certified mail

RE:

San Juan 30-5 #201A 1170 FNL, 930 FWL Section 19, 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,

Peggy James PTRRC / Odessa

enclosures

THE PROPERTY OF THE SAME		
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVI RY	
item 4 if Restricted Delivery is desired. Print your name and address on the reverse.	A Signification of the Signif	
so that we can feturn the card to you. Attach this card to the back of the mailplece. or on the front if space permits.	B. Received by Language Manney 12 4 12 12 12 12 12 12 12 12 12 12 12 12 12	
1. Article Addressed to:	D: is delivery address different from item 1? (☐ Yes If YES, enter delivery address below: ☐ No	
Altn: Brigan Onderson BP America		
BP Comerica	(USTVICE	
501 Westlake tark Blud: Westlake I, Rm 19.128	3. Service Type □ Certified Mail □ Express Mail □ Registered □ Return Receipt for Merchandise. □ Insured Mail □ C.O.D.	
Houston, TX -77079	74. Restricted Delivery? (Extra Fee) . ☐ Yes	
2. Article Number (Ciransfer from service label) 7000 0600 (0028-7723 5281	
PS Form 3811, August 2001 Domestic Re	turn Receipt 102595-02-M-1540	

FC Federal # 2A	
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
■ Consideration and 3 Also conflicted of item 4.4 Réstricted Pellyery is desired. ■ Print your warne and address on the reverse so that we satisfied in the card to you. ■ Attach this card is he back of the mailpiece or on the front if space permits. 1. Article Addressed to: AHM: Dawn Howell Burling for Resources	Signature WIDLAND DDESSAI About 79 Addressee Ad
Oil & Gas Inc. P.O. Box 4289 Farmington NM 87499	3. Service Type DrCertified Mall Dexpress Mall Registered Determine Receipt for Merchandise Insured Mail DrC.O.D. 4. Restricted Delivery? (Extra Fee) Description
2. Article Number (Transfer from service label) 7000 0600	5 0028 7723 5304
PS Form 3811. August 2001 Domestic Re	大大 人名英格兰 医水头皮 经工程的 人名英格兰 医多头 医皮肤 经收款 经收益的 医二种毒素

FC FEDERAL 2A OFFSET OPERATOR PLAT

TOWNSHIP 32 NORTH, RANGE 11 WEST

1360' FSL, 1720' FEL

	BP America Production COLO	BP America Production ORADO	BP America Production
NEW MEXICO	12		Burlington Resources Oil & Gas
	ConocoPhillips	ConocoPhillips	Burlington Resources Oil & Gas