FEB 2006						
(February 2005) DIST. 3 UNITED STATES		0 6 JAN 18	የብ 12	77 OMB	M APPROV No. 1004-01 s March 31,	137
DEPARTMENT OF THE I	NTERIOR	RECE	IVED	5. Lease Serial No SF	5. F-078642	2
APPLICATION FOR PERMIT TO I	ORILL OR	CYO MARNY!	IGTON.	6. If Indian, Allot	ee or Tribe	: Name
Ia. Type of work: DRILL REENTH	ER			7. If Unit or CA Ag	greement, N	lame and No.
Ib. Type of Well: Oil Well Gas Well Other	Si	ngle Zone Multip	ple Zone	8. Lease Name and SAN JUAN		
2. Name of Operator ConocoPhillips Company				9. API Well No.	39-2	9759
3a. Address 4001 Penbrook, Odessa, TX 79762		(include area code) 68-1230		10. Field and Pool, o	or Explorate	•
4. Location of Well (Report location clearly and in accordance with any S At surface SWSE 1100 FSL - 2600 FR		nts, *)		I 1. Sec., T. R. M. or		
At proposed prod. zone				SECTION 9, T291	ч, кэw	NMPM
14. Distance in miles and direction from nearest town or post office*				12. County or Parish	i na	13. State
15, Distance from proposed* location to nearest propery or lease line, ft.	16. No. of a	cres in lease	17. Spacing	Unit dedicated to thi	s weil	
(Also to nearest drig. unit line, if any)	56 19. Proposed	0 ACRES	20 DI M/D	320.0 ACR	ES - E/2	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed	6259'	20. BLW/B	LA Bolid No. on the		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6773' GL	22 Approxin	nate date work will star	t*	23. Estimated durati	on	
	24. Attac	hments				
The following, completed in accordance with the requirements of Onshore	e Oil and Gas	Order No. 1, must be att	tached to this	s form:		
Well plat certified by a registered surveyor. A Drilling Plan.		4. Bond to cover the Item 20 above).	e operations	unless covered by an	n existing b	bond on file (see
3 A Surface Use Plan (if the location is on National Forest System I SUPO must be filed with the appropriate Forest Service office).	ands, the	5. Operator certifica 6. Such other site sp BLM~		mation and/or plans a	ıs may be r	equired by the
25. Signature	Name	(Printed/Typed)	y James		Date 01/	/16/2006
Title Sr. Associate		~ 488.	y carres		1 01/	10,2000
Approved by (Signature)	Name	(Printed/Typed)			Date	124/50
Title AFM	Office	FFD			1217	-1/-0
Application approval does not warrant or certify that the applicant holds conduct operations thereon. Conditions of approval, if any, are attached.	s legal orequita	able title to those rights	in the subje	ct lease which would	entitle the a	applicant to
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a States any false, fictitious or fraudulent statements or representations as to	crime for any p any matter w	person knowingly and within its juris iction.	villfully to m	ake to any departmen	t or agency	of the United

*(Instructions on page 2)

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

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 88241-1980

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

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

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

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

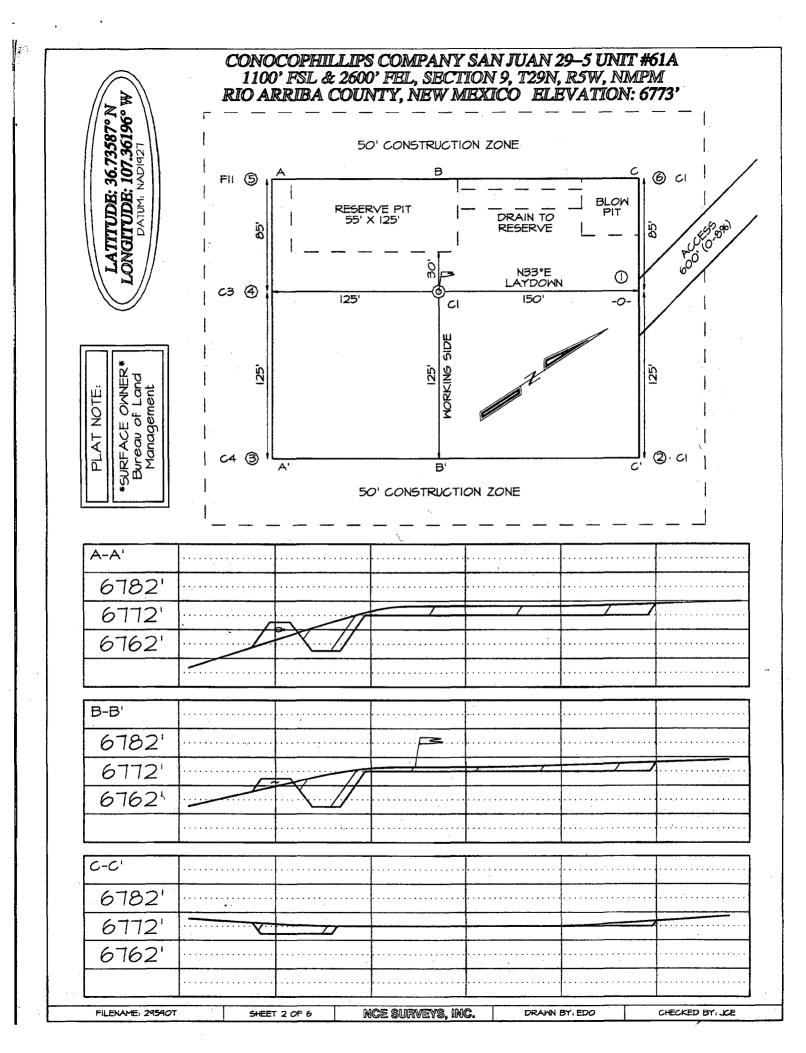
AMENDED REPORT

Dictoict TV

PO BOX 2088, Santa Fe. NM 87504-2088								
j	WELL	LOCAT	ION AND A	CREAGE DED	/			
36-039-2		ol Code . 2319						
Property Code 31325			*Property SAN JUAN 2			✓ .	*We	11 Number 61A
'OGRID No. 217817	/	CC	°Operator ONOCOPHILLI	Name IPS COMPANY		/	1	levation 6773
				Location				
O Section	Township Range 29N 5W	Lat Idh	Feet from the	North/South line SOUTH			EAST	RIO ARRIBA
UL or lot no. Section	11 Bottom Township Range	Hole L	_ocation I	f Different North/South line		OM Surface	t/West line	County
¹² Dedicated Acres		<u> </u>	¹⁹ Joint or Infill	¹⁴ Consolidation Code	^{#5} Orde	er No.		
32	0.0 Acres - E	./2						
NO ALLOWABLE W	ILL BE ASSIGNE OR A NON-S	ED TO TH	IS COMPLETION	ON UNTIL ALL	INTE	ERESTS HAVE THE DIVISION	BEEN CON	SOLIDATED
. 00.		5287.92	LE/	ASE 80179	.00.	I hereby certificontained hereinto the best of Tugue Signature Virgil E. Printed Name Projects & Title	ry that the in is true and my knowledge Chavez Operat CERTI that the well Chat the well	ions Lead 2005 FICATION 1 location
IS SI	IONIAUVA 04.0 EAIBOBB UB 81 N8P S	ŋৣৣৣৢৢৢ ↓ LA LON	SF-0- 560 6: 36°44.1523°N 6: 107°21.7177 DATUM: NAD27	2600'	2280	my supervision, a and correct to to Date of Sur Signature and Second Sur Signature and Second Sur	nd that the she best of my vey: JUNE C. EDWA MEXICO 15269	same is true belief. 21, 2005. ional Surveyor

Submit 3 Copies To Appropriate District Office	State of New Mexico	Fonn C- 1 03				
District I	Energy, Minerals and Natural Resources	May 27, 2004				
1625 N. French Dr., Hobbs, NM 88240 District 11		WELL API NO. 30-039-29759				
1301 W. Grand Ave., Artesia, NM 882 1 0	OIL CONSERVATION DIVISION	5. Indicate Type of Lease				
<u>District III</u> I 000 Rio Brazos Rd., Aztec, NM 8741 0	1220 South St. Francis Dr.	STATE FEE				
District IV	Santa Fe, NM 87505	6. State Oil & Gas Lease No.				
1220 S. St. Francis Dr., Santa I e, NM 87505						
SUNDRY NOT	CES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name				
(DO NOT USE THIS FORM FOR PROPO	SALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A ATION FOR PERMIT" (FORM C-101) FOR SUCH	CAN WIANION CIRVE				
PROPOSALS.)	ATTOM TOKE ENDING (TOKEN TOKE) TOKE SOCIE	SAN JUAN 29-5 UNIT 8. Well Number				
1. Type of Well: Oil Well	Gas Well Other	01A				
2. Name of Operator Conoc	oPhillips Company	9. OGRID Number 217817				
3. Address of Operator		I 0. Pool name or Wildcat				
4001 F	enbrook, Odessa, TX 79762	BLANCO MESAVERDE				
4. Well Location		<u> </u>				
Unit LetterO	1100 feet from the SOUTH line and	2600 feet from the EAST line				
Section 9	Township 29N Range 5W	NMPM RIO ARRIBA County				
	I 1. Elevation (Show whether DR, RKB, RT, GR, etc.) 6773' GL					
Pit or Below -grade Tank Application 🛛 🤇	1	7206 (1000)				
Pit type DRILL Depth to Groundwa	iter 60' 7 Distance from nearest fresh water well 23 MILES					
Liner Thickness: 12 mil	1400	struction Material SYNTHETIC				
	ppropriate Box to Indicate Nature of Notice, 1	Report or Other Data				
	,	•				
NOTICE OF IN		SEQUENT REPORT OF:				
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK					
TEMPORARILY ABANDON DULL OR ALTER CASING	CHANGE PLANS COMMENCE DRIL MULTIPLE COMPL CASING/CEMENT	<u></u>				
TOLE ON ALTEN CASING	CASHING/CEMENT	10B				
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 I 1 03. For Multiple Completions: Attach wellbore diagram of proposed completion						
or recompletion.						
	nd closed in accordance with Rule 50 and as per COPC					
with the NMOCD. See the	attached diagram that details the location of the pit in re ne drill pit will be closed after the well has been comple	reference to the proposed wellhead.				
The drift pit will be filled. Th	ie drin pit win de closed after the wen has been comple	teu				
I hereby certify that the information al	ove is true and complete to the best of rny knowledge and	d helief I further certify that any nit or helow				
grade tank has been/will be constructed or c	losed according to NMOCD guidelines \square , a general permit \square o	r an (attached) alternative OCD-approved plan				
SIGNATURE Peggy James	TITLE Sr. Associate	DATE 01/16/2006				
Type or print name	E-mail address peggy.s.james@conocophil	llips.com: Telephone No.: (432)368-1230				
For State Use Only	ачалого родду одиновороногории	Тетернопе по (432)300-1230				
	MEPUTY OR & GAS INSPI	COURTER SERVICE				
APPROVED BY:	TITLE	DATE S 7 LUUD				
Conditions of Approval (if any):						

APPROVED BY:
Conditions of Approval (if any):





PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-5 61A

Lease:				4	AFE #:					AFE \$:	
Field Name: 29-5			Rig:				State: NM	County: RIO ARF	RIBA	API#:	
Geoscientist: Glase	er, Terry J		Phone:	(832)486-2	332	Prod. E	ingineer: M	oody, Craig E.	Pho	ne: (281) 293 - 65	559
Res. Engineer: John	nson, Tom B		Phone:	(832)-486-2	2347	Proj. F	eld Lead: Fr	ansen, Eric E.	Pho	ne:	
Primary Objective	e (Zones):			ere er er er					M24.207.	to or all the two	
Zone	Zone Name										
R20002	MESAVERD	E(R20002)									
Location: Surface					40.00				(18.4°C)	Straight Hole	
Latitude: 36.74	Longit	ude: -107.36	5)	⋌:		Υ:	Chief Carolina (State Carolina	Section: 9	mer commence	Range: 5W	W.4/K
Footage X: 2600 FE	EL Footag	e Y: 1100 F:	SL I	Elevation: 67	773	(FT)	ownship: 29	N		<u> </u>	
Tolerance:						• •	<u> </u>				
Location Type: Sum	nmer Only		Start Da	ate (Est.):		Com	pletion Date:	Da	ite In Ope	ration:	
Formation Data:	Assume KB =	= 6789	Units = 1	FT							
Formation Call & Casing Points		Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT		Rei	marks		
SURFACE CSG		216	6573				Severe Lost (Circulation is possib	le. 13 1/2	" Hole. 9 5/8" 32.3	3 ppf
NCMT		1639	5150				H-40, STC ca	sing. Circulate cen	nent to sur	face.	
CJAM		2919	3870				Possible wate	er flows			
KRLD		3069	3720				1 055/010 11440	1104/3.			
RLD		3364	3425	H			Possible gas.				
PCCF		3714	3075	\Box			Possible water	er flows.			
LEWS		3914	2875	$\bar{\Box}$							
Intermediate Casing		4014	2775				8 3/4" Hole. surface.	7", 20 ppf, J-55, S	ΓC Casing.	Circulate cement	to
CHRA		4734	2055				Surrace.				
CLFH		5589	1200				Gas; possibly	wet			
MENF		5629	1160				Gas.				
PTLK		5909	880		2000		Gas.				
MNCS		6159	630								
TOTAL DEPTH MV		6259	530				a minimum o	4-1/2", 10.5 ppf, J- f 100' inside the pre	evious cas	asing. Circulate cer ing string. No open	nent hole
Reference Wells:				* N.S 1844	To to the co	a establication of the state of	iogs. Cased r	ole TDT with GR to	surrace.		
22.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.	Vell Name		<u> </u>	Comments	• 1. Ari . (8.9)	A STATE OF THE STA		STATISTICS			56V2
Logging Program		J. 1. 1844 13	STATE TANK		Programa.	7		ener name	CONTRACTOR	(2015 F)	See 1
Intermediate Logs:		if show	GR/II D	Triple	Combo	egallities is the	FV FAIR V	SATES ASSESSMENT	<u> </u>		[16.67]
		5.10** 🔲		C whie							
TD .					7 - "	<u> </u>					
TD Logs:	Triple Co	ombo 📙 D	ipmeter	☐ RFT ☐] Sonic [VSP[✓ TDT				
Additional Informati	on:										
						,					
Log Type	Stage	From	(Ft)	To (Ft)		Tool T	ype/Name	Remark	s		

Printed on: 1/16/2006 1:42:37 PM

San Juan 29-5 #61A **Halliburton Cementing Program**

SURFACE CASING:

Drill Bit Diameter Casing Outside Diameter	13.5 " 9.625 "	Casing Inside Diam. [9:001]"
Casing Weight	32.3 ppf	<u> </u>
Casing Grade	7.3-3 H-40	
Shoe Depth	235	
Cement Yield	11.21 cuft/s	sk
Excess Cement	125 %	
Cement Required	212 sx	

SHOE

235 ', 9.625 ", 32.3 ppf, H-40 STC

INTERMEDIATE CASING:

Drill Bit Diameter Casing Outside Diameter Casing Weight Casing Grade Shoe Depth Lead Cement Yield Lead Cement Excess Tail Cement Length Tail Cement Excess Lead Cement Required	8:75 " Casing 20 ppf	Inside Diam. <mark>[6]456</mark> "

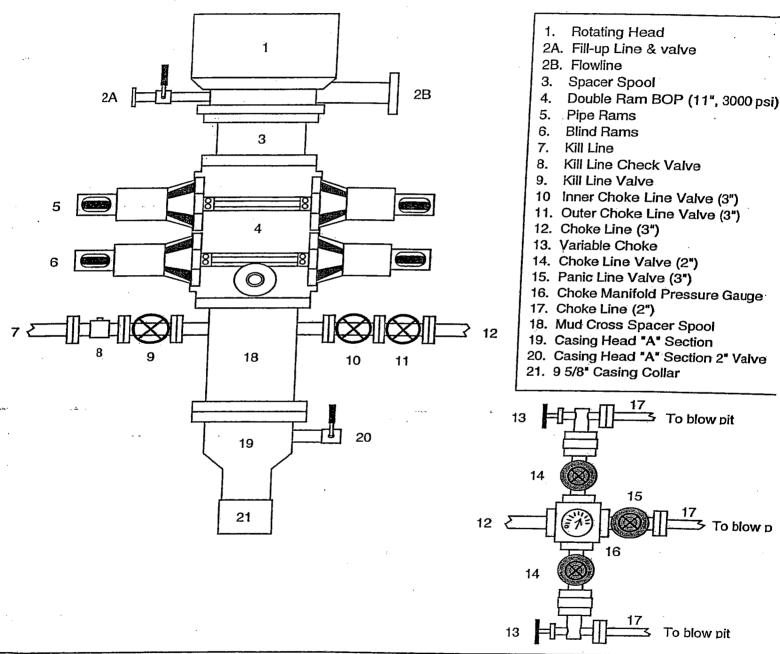
SHOE

4014', 7", 20 ppf, J-55 STC

PRODUCTION CASING:

Drill Bit Diameter	£6:25	"	
Casing Outside Diameter	174.5]"	Casing Inside Diam. 4.052 "
Casing Weight	10.5	ppf	
Casing Grade	J-55		
Top of Cement	3814	ľ	200' inside intermediate casing
Shoe Depth	6259	ŀ	_
Cement Yield	1.45	cuft/s	sk
Cement Excess	50	%	
Cement Required	255	sx	

BLOWOUT PREVENTER ARRANGEMENT & PROGRAM For Drilling to Intermediate Casing Point & Setting 7" Intermediate Casing

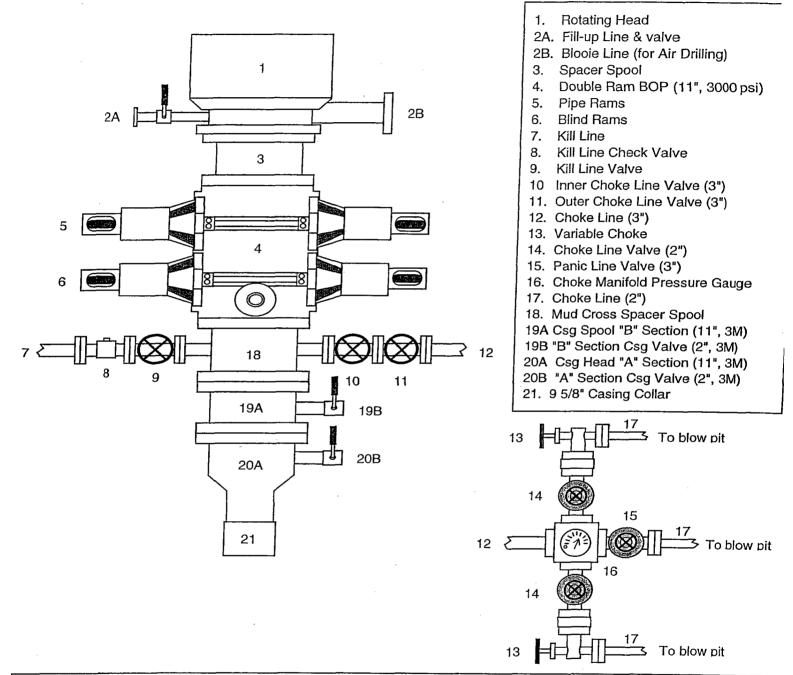


12-1/4" hole will be drilled to approximately 220' and the 9-5/8" surface casing will be run and cemented. The Casing Head "Section will be screwed onto the 9-5/8" surface casing stub. The BOP will be installed on the Casing Head "A" Section. A plug will be set in the wellhead and the pipe rams and choke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

J the equipment in the above diagram the following equipment will comprise the BOP system:

BLOWOUT PREVENTER ARRANGEMENT & PROGRAM

For Drilling to TD and Setting 4.5 inch Casing



After the 7" intermediate casing has been run and cemented, the Casing Spool ("B" Section) will be installed on the wellhead ("A" Section) and the BOP will be installed on the Casing Spool. A test plug will be set in the wellhead and the pipe rams, blind rams, and choke manifold will be tested to 200 psi to 300 psi (low pressure test) for 10 minutes and to 3000 psi (high pressure test) for 10 minutes. Then the test plug will be removed and the 7" casing will be pressure tested against closed blind rams to 200 psi to 300 psi for 10 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. Then we will air drill the 6-1/4" hole to TD and run and cement the 4-1/2" casing.

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

Dardatan During Color of the Cara