DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone 2. Name of Operator ConocoPhillips Company 3a. Address 3b. Phone No. (include area code) 4001 Penbrook, Odessa, TX 79762 432-368-1352 4. Location of Well (Report location clearly and in accordance with any State requirements, *) At surface 775 FSL - 2630 FEL At proposed prod. zone	9. API Well No. 30-039-29532 10. Field and Pool, or Exploratory BLANCO MESAVERDE 11. Sec., T. R. M. or Blk. and Survey or Area C SECTION 8, T29N, R6W
Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone 2. Name of Operator ConocoPhillips Company 3a. Address 4001 Penbrook, Odessa, TX 79762 4. Location of Well (Report location clearly and in accordance with any State requirements, *) At surface 775 FSL - 2630 FEL	7. If Unit or CA Agreement, Name and No. SAN JUAN 29-6 UNIT 8. Lease Name and Well No. 19C 9. API Well No. 38-039-29532 10. Field and Pool, or Exploratory BLANCO MESAVERDE 11. Sec., T. R. M. or Blk. and Survey or Area C SECTION 8, T29N, R6W
Ib. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone 2. Name of Operator ConocoPhillips Company 3a. Address 3b. Phone No. (include area code) 4001 Penbrook, Odessa, TX 79762 432-368-1352 4. Location of Well (Report location clearly and in accordance with any State requirements, *) At surface 775 FSL - 2630 FEL	SAN JUAN 29-6 UNIT 8. Lease Name and Well No. 19C 9. API Well No. 30-039-29532 10. Field and Pool, or Exploratory BLANCO MESAVERDE 11. Sec., T. R. M. or Blk. and Survey or Area O SECTION 8, T29N, R6W
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ConocoPhillips Company 3a. Address 4001 Penbrook, Odessa, TX 79762 4. Location of Well (Report location clearly and in accordance with any State requirements, *) At surface 775 FSL - 2630 FEL	38-039-29532 10. Field and Pool, or Exploratory BLANCO MESAVERDE 11. Sec., T. R. M. or Blk. and Survey or Area C SECTION 8, T29N, R6W
4001 Penbrook, Odessa, TX 79762 432-368-1352 4. Location of Well (Report location clearly and in accordance with any State requirements, *) At surface 775 FSL - 2630 FEL	BLANCO MESAVERDE 1 1. Sec., T. R. M. or Blk. and Survey or Area O SECTION 8, T29N, R6W
4. Location of Well (Report location clearly and in accordance with any State requirements, *) At surface 775 FSL - 2630 FEL	I 1. Sec., T. R. M. or Blk. and Survey or Area O SECTION 8, T29N, R6W
At proposed prod. zone	
14. Distance in miles and direction from nearest town or post office*	12. County or Parish 13. State Rio Arriba NM
location to nearest property or lease line, ft.	acing Unit dedicated to this well
to nearest well, drilling, completed,	E/2 - 320.00 ACRES M/BIA Bond No. on file
applied for, on this lease, ft. 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6744' GL 22 Approximate date work will start*	23. Estimated duration 10/6
24. Attachments	6 # 80 9. S
2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the 5. Operator certification	othis formation and/or plans as may be required by the
25. Signature Vicke WIATON (Dr) Name (Printed/Typed) Vicki West	by 4/5/05
Approved by (Signature) Name (Printed/Typed)	Date
Title AFM Office FFO	6-/-0)
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the s conduct operations thereon. Conditions of approval, if any, are attached.	ubject lease which would entitle the applicant to
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 States any false, fictitious or fraudulent statements or representations as to any matter within its juris iction.	to make to any department or agency of the United
*(Instructions on page 2)	A C P
ConocoPhillips Company proposes to drill a vertical wellbore to the formation. This well will be drilled and equipped in accordance wi	ne Blanco Mesaverde
submitted herewith.	

NMOCD

This application is for APD / ROW.

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

Revised February 21, 1994 Instructions on back

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

AMENDED REPORT

Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-03	Number 3-29	532		1 Code 1319		³Pool Name BLANCO MESAVERDE					
Property 3132			Property Name SAN JUAN 29-6 UNIT							• We	11 Number 19C
'0GRID 2178	- '			CC	Operator NOCOPHILLI	Name (PS COMPANY		****		_	levation 6744'
					¹⁰ Surface	Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet	from the	East/We:	st line	County
0	8	29N	6W		775	SOUTH	5	630	EA:	ST	RIO ARRIBA
		11 E	Bottom	Hole L	ocation I	f Different	Fro	m Surf	ace		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet	from the	East/Wes	st line	County
12 Dedicated Acres	12 Dedicated Acres 320.0 Acres - E/2 13 Joint or Infill M Consolidation Code 15 Order No.										
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											
5295.84 17 OPERATOR CERTIFICATI I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief						nformation complete					

Vicki R. Westby Printed Name Staff Agent Title 2005 SF-080379-A 1438.6 total acres 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 5280.00 Y Survey Date: NOVEMBER 1, 2004 Signature and Seal of Professional Surveyor MIN NOTONIMBAT GTO SON C. EDWARD BECEINED SEM MEXICO SOUS APR 12 PM 4 15269 LAT: 36 *44.1035 N LONG: 107 *29.1385 W DATUM: NAD27 AOFESSIONAL 2630' 2644.621 2544.62 Certificate Number 15269

Submit 3 Copies To Appropriate District	State of New Mexico)		Fonn C- 1 03	
Office <u>District I</u>	Energy, Minerals and Natural R	lesources		May 27, 2004	
1625 N. French Dr., Hobbs, NM 88240		WELL	API NO.		
District 11 1301 W. Grand Ave., Artesia, NM 882 1 0	OIL CONSERVATION DIV	VISION 5 Indi	cate Type of Lease		
District III	1220 South St. Francis 1	\ \	STATE FE	ar 🔲	
I 000 Rio Brazos Rd., Aztec, NM 8741 0 District IV	Santa Fe, NM 87505		e Oil & Gas Lease No		
1220 S. St. Francis Dr., Santa I e, NM 87505		0. 3	2011 00 000 20000 11	••	
	ICES AND REPORTS ON WELLS	7. Lea:	se Name or Unit Agre	eement Name	
(DO NOT USE THIS FORM FOR PROPORTION OF THE PROPORTION OF T	SALS TO DRILL OR TO DEEPEN OR PLUG BA CATION FOR PERMIT" (FORM C-101) FOR SUC	CK TO A			
PROPOSALS.)		<u> </u>	SAN JUAN 29-6	UNIT	
1. Type of Well: Oil Well	Gas Well X Other		8. Well Number 19C		
2. Name of Operator	ConocoPhillips Company	9. OGI	RID Number	217817	
3. Address of Operator		I 0. Po	ol name or Wildcat	217017	
•	4001 Penbrook, Odessa, TX 79762		BLANCO MESAV	VERDE	
4. Well Location		<u></u>	DAMINO MESIT	· DIOL	
Unit Letter O	775 feet from the South	line and 2630	feet from the	East line	
Section 8	Township 29N Range	6W NMPM	Rio Arriba	County	
	I 1. Elevation (Show whether DR, RKB,				
Pit or Below -grade Tank Application 🔀 C	6744'	GL			
Pit type DRILL Depth to Groundwa		au >1 Mile Diet	ance from nearest surface v	water 110'	
Liner Thickness: mil	Below-Grade Tank: Volume	bb1s; Construction		water 110	
	· · · · · · · · · · · · · · · · · · ·				
12. Check A	ppropriate Box to Indicate Nature	of Notice, Report	or Other Data		
NOTICE OF IN	TENTION TO:	SUBSEQUE	NT REPORT O	F:	
PERFORM REMEDIAL WORK	I	IEDIAL WORK	ALTERING	· ·	
TEMPORARILY ABANDON		MENCE DRILLING OF	PNS. PANDA		
PULL OR ALTER CASING	MULTIPLE COMPL	ING/CEMENT JOB			
OTHER:	□ отн	ER:		П	
13. Describe proposed or comple	eted operations. (Clearly state all pertiner	nt details, and give per			
	rk). SEE RULE I 1 03. For Multiple Con	pletions: Attach wellb	ore diagram of propo	sed completion	
or recompletion.					
The pit will be constructed and closed in	accordance with Rule 50 and as per the Nov.	1, 2004 Guidelines. See	the attached diagram t	hat details the	
location of the pit in reference to the pro	posed wellhead. The drill pit will be lined. T	ne drill pit will be closed	l after the well has been	n completed.	
		_	ATT 16 17 70 S.		
			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
			608	<u>}</u>	
		6		3	
		(a)		3	
I hereby certify that the information ab	ove is true and complete to the best of rny	knowledge and heliefi I	further certify that an	vinit or helow	
grade tank has been/will be constructed or cl	osed according to NMOCD guidelines , a gen	eral permit or an (attac	ned) alternative OCD-app	proved plan	
SIGNATURE Vicki Westby	TITLE Staff Age	\d	DÂTE4/11		
STOWATORE VICKI WESLDY	TITLE Staff Age	at	DATE 4/11	1/05	
Type or print name	E-mail address:		Telephone No.		
For State Use Only	CHEROPORE AND	群 乔林斯 医内耳氏检察性下颌部 地名第二			
ADDROVED BY	// //~ •	R DAS INSPECTION INS		9 2005	
APPROVED BY: Conditions of Approval (if any);	TITLE		DATE		
The state of the s	ľ				

775' FSL & 2630' FBL, SECTION 8, T29N, R6W, NMPM RIO ARRIBA COUNTY, NEW MEXICO ELEVATION: 6744' 50' CONSTRUCTION ZONE C5 (5) 6 CT BLOW PIT RESERVE PIT 55' X 125' DRAIN TO RESERVE g 35 N23°E LAYDOWN ① C2 -0- ④ 125 CI WORKING SIDE ACCESS 400' (0-8%) 25 25 *SURFACE (FEE Land: P FII ③ 2 F6 B' 50' CONSTRUCTION ZONE A-A' 6753' 6743' 6733' B-B' 6753 6743' 6733' C-C' 6753 6743' 6733' NCE SURVEYS, INC. DRAWN BY: EDO FILENAME: 29680T SHEET 2 OF 6 CHECKED BY: JCE

CONOCOPHILLIPS COMPANY SAN JUAN 29-6 UNIT #19C



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-6 19C

										- $ -$	
Lease:					AFE #:			,		AFE	E \$:
Field Name: hPHII	LLIPS 29-6		Rig:				State:	NM Cour	nty: RIO ARRIBA	API	[#:
Geoscientist: Glas	er, Terry J		Phone	: (832)486-2	2332	Prod	. Engineer:	Moody, C	raig E.	Phone:	486-2334
Res. Engineer: Joh	nson, Tom E	3.	Phone	: (832)-486-	2347	Proi.	Field Lead:	Fransen,	Eric E.	Phone:	
Primary Objectiv									200		
Zone	Zone Name	- 			\neg				60:141	16777	<u> </u>
 		SAVERDE (P	RORAT	(FD GAS)						16	
I NON	BEAINGO WIL	JOAVENDE (I	1101171	LD GAO)					(S) 49	O 35	
									10 46 E	7 O	
										100	33
						MARKET THE TAXABLE PARTY.			¥ ₀ 8		_3
Location: Surface											traight Hole
Latitude: 36.74	Longit	ude: -107.49		X:		Y:		Sec	tion: 8🧠 🔒 🗋		ànge: 6W
Footage X: 2630 F	EL Footag	je Y: 775 FSL		Elevation: 6	744	(FT)	Township:	29N	a Cal B	المسلفوغ للمغل	
Tolerance:											
Location Type: Yea	r Round		Start D	Pate (Est.):		Co	mpletion Da	te:	Date In	Operation	on:
Formation Data:	Assume KB =	= 6757 L	Jnits =	FT							
Formation Call &		Depth	SS	Depletion	BHP		.				
Casing Points		(TVD in Ft)	(Ft)	(Yes/No)	(PSIG)	BHT	<u> </u>		Remarks		
Surface Casing		213	6544				Possible lo	st circulati	on. 12 1/4" Hole	. 9 5/8"	, 32.3 ppf, H-40,
NCMT		1457	5300				STC Casing	g. Circulau	e cement to sun	ice.	
OJAM		2707	4050	П			Possible w	ater flows.			
KRLD		2897	3860	ñ							
FRLD		3352	3405	П			Possible g	as.			
PCCF		3632	3125				Possible g		• •		
LEWS		3832	2925	Ō			_				
Intermediate Casing		3932	2825				8 3/4" Hol	e. 7", 20 p	pf, J-55, STC Ca	sing. Cir	culate cement to
CHRA		4610					surface.				
CLFH		4612 5407	2145 1350		1700		Cast massi	hh			
MENF		5482	1275		1300		Gas; possi Gas.	bly wet			
PTLK		5 7 62 5797	960				Gas. Gas.				
MNCS							Gas.				
Total Depth		60 4 7 6147	710 610				6 1/4" Hol	a 4 1/2"	10 E ppf 1-55 C	TC cacin	g. Circulate cement
rotal Depth		0147	010				a minimun	n of 100' in	side the previous	casing s	string. No open
						16.	hole logs.	Cased hole	TDT with GR to	surface.	
Reference Wells:	/- U.M						September 1	140			
Reference Type W	veii Name			Comments	<u> </u>						
Logging Program											
Intermediate Logs:		if show 🔲	GR/ILD	☐ Triple	Combo						
intermediate Logo.		3/10//			Combo						
-, <u></u>											
TD Logs:	Triple Co	mbo 🔲 Dir	meter	RFT [] Sonic [☐ VSP	✓ TDT				
 											
Additional Information	on:						 				
aa.ao.aa miomati											
Log Type	Stage	From (Ft)	To (Ft)		Tool	Type/Name		Domarka		
rog i she	ciage		. 4	[10 (Ft)		1001	· Ahe\Maiije		Remarks		

Printed on: 4/11/2005 7-54-03 AM



PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 29-6 19C

Comments: Zones - Drilling Mud Program:

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

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

Centralizer Program:

Surface: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2nd, 3rd, & 4th joints Intermediate: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2nd, 4th, 6th, 8th, & 10th

Turbolizers placed one per joint from the top of the Ojo Alamo to the top of the Kirtland Shale Below Intermediate: no centralizers used in air holes. In mud holes centralizers are spaced out appropriately



San Juan 29-6 #19C Halliburton Cement Calculations

SURFACE CASING:

Drill Bit Diameter
Casing Outside Diameter
Casing Weight
Casing Grade
Shoe Depth
Cement Yield
Excess Cement
Cement Required

12.25 "
9.625 "
32.3 ppf
H-40
230 '
1.21 cuft/sk
125 %
147 sx

Casing Inside Diam.

SHOE

230 ', 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
Tail Cement Required

8.75 "
20 ppf
155
3932 '
2.88 cuff/sk
150 %
786.4 '
1.33 cuff/sk
150 %
394 sx
229 sx

SHOE

3932 ',

7 ",

20 ppf,

J-55 STC

PRODUCTION CASING:

Drill Bit Diameter
Casing Outside Diameter
Casing Weight
Casing Grade
Top of Cement
Shoe Depth
Cement Yield
Cement Excess
Cement Required

6.25 " Casing Inside Diam. 4.000 " ppf J.55 73732 ' 200' inside intermediate casing 6147 ' Cuff/sk 50 % 251 sx

Casing Inside Diam. 6.456 "

. SAN JUAN 29-6 #19C

· HALLIBURTON OPTION

HALLIBORTON OF TION						
9-5/8 Surface Casing						
	Class C Standard Co	ement				
Cement Recipe	+ 3% Calcium Chlori	de				
,	+0.25 lb/sx Flocele					
Cement Volume	147 sx					
Cement Yield	1.21 cuft/sx					
	179.8	cuft				
Slurry Volume	32.0	bbls				
Cement Density	ty 15.6 ppg					
Water Required	5.29	5.29 gal/sx				

	7" Intermediate Casin	g			
	Lead Slurry				
	Standard Cement				
Cement Recipe	+ 3% Econolite (exte	ender)			
	+ 10 lb/sx Pheno Se	al			
Cement Required	394 sx				
Cement Yield	2.88 cuft/sx				
	1134.6	cuft			
Slurry Volume	202.1	bbls			
Cement Density	nent Density 11.5 ppg				
Water Required	16.91 gal/sx				

7" Intermediate Casing							
Tail Slurry							
	50 / 50 POZ:Standar	rd Cement					
Cement Slurry	+ 2% Bentonite						
	+ 6 lb/sx Pheno Sea	l					
Cement Required	229						
Cement Yield	1.33	cuft/sx					
	305.2	cuft					
Slurry Volume	54.4	bbls					
Cement Density	13.5	ppg					
Water Required	5.52 gal/sx						

4-1/2" Production Casing						
	50 / 50 POZ:Standard Cement					
Cement Recipe	+ 3% Bentonite					
	+ 3.5 lb/sx PhenoSea	+ 3.5 lb/sx PhenoSeal				
	+ 0.2% CFR-3 Friction	+ 0.2% CFR-3 Friction Reducer				
	+ 0.1% HR-5 Retarder					
	+ 0.8% Halad-9 Fluid Loss Additive					
Cement Quantity	251	SX				
Cement Yield	1.45 cuft/sx					
	364.4	cuft				
Cement Volume	64.9					
Cement Density	13.1 ppg					
Water Required	6.47	gal/sx				

SCHLUMBERGER OPTION

9-5/8 Surface Casing					
Class G Standard Cement					
Cement Recipe	+ 2% S001 Calcium	+ 2% S001 Calcium Chloride			
•	+0.25 lb/sx D029 Cellophane Flakes				
Cement Volume	148 sx				
Cement Yield	1.16	cuft/sx			
Cement Volume	171.5 cuft				
Cement Density	15.8 ppg				
Water Required	4.983 gal/sx				

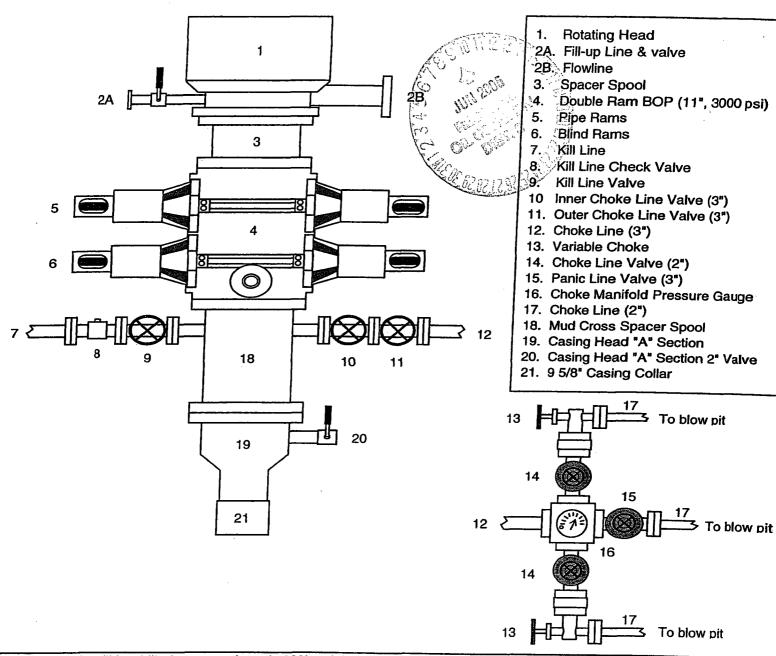
7" Intermediate Casing						
Lead Slurry						
Class G Standard Co	ement					
+0.25 lb/sx D029 Ce	llophane Flakes					
+ 3% D079 Extended						
+ 0.20% D046 Antifoam						
+ 10 lb/sx Pheno Seal						
418	SX					
2.72	cuft/sx					
1135.9	cuft					
202.3	bbls					
Cement Density 11.7 ppg						
15.74	gal/sx					
	Lead Slurry Class G Standard C +0.25 lb/sx D029 Ce + 3% D079 Extende + 0.20% D046 Antifo + 10 lb/sx Pheno Se 418 2.72 1135.9 202.3					

7" Intermediate Casing							
Tail Slurry							
	50 / 50 POZ:Standard Cement						
	+0.25 lb/sx D029 Ce	llophane Flakes					
11/1/2	+ 2% D020 Bentonite						
Cement Slurry	+ 1.5 lb/sx D024 Gils	onite Extender					
	+ 2% S001 Calcium Chloride + 0.10% D046 Antifoam						
John - will	+ 6 lb/sx Pheno Sea						
Cement Required	233	sx					
Cement Yield	1.31	cuft/sx					
Clarent Makama	305.1	cuft					
Slurry Volume	54.3	bbls					
Cement Density	13.5 ppg						
Water Required	5.317	gal/sx					

4-1/2" Production Casing					
	50 / 50 POZ:Class G Standard Cement				
	+0.25 lb/sx D029 Cellophane Flakes				
Cement Recipe	+ 3% D020 Bentonit	е			
	+ 1.0 lb/sx D024 Gilsonite Extender				
	+ 0.25% D167 Fluid	Loss			
	+ 0.15% D065 Dispersant				
	+ 0.1% D800 Retarder				
	+ 0.1% D046 Antifoamer				
	+ 3.5 lb/sx PhenoSeal				
Cement Quantity	253	sx			
Cement Yield	1.44	cuft/sx			
Cement Volume	364.3	cuft			
Cement volume	64.9				
Cement Density	ement Density 13 ppg				
Water Required	6.43	gal/sx			

BLOWOUT PREVENTER ARRANGEMENT & PROGRAM

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



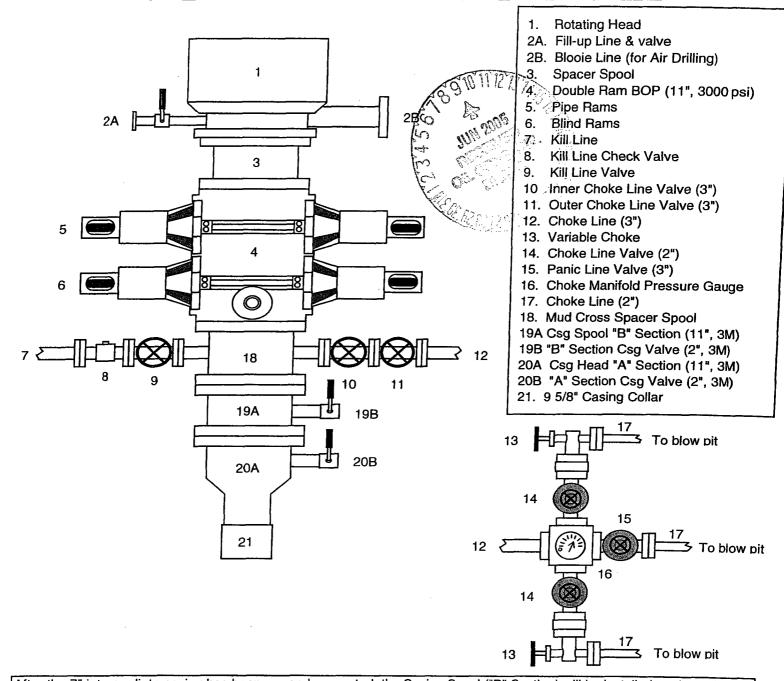
A 12-1/4" hole will be drilled to approximately 220' and the 9-5/8" surface casing will be run and cemented. The Casing Head "A" Section will be screwed onto the 9-5/8" surface casing stub. The BOP will be installed on the Casing Head "A" Section. A test plug will be set in the wellhead and the pipe rams and choke manifold will be tested to 200 psi to 300 psi (low pressure test) for 10 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 10 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 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

Property:	Property: SAN JUAN 29-6 UNIT				Well #	:	19C	
Surface Loc	ation:							
Unit: 0	Section	on: <u>8</u> Tov	vnship:_	29N	_Range:	6W		
County: Rio Arriba				State: New Mexico				
Fantaga:	775	from the	South	line	2630	from the	Fact	line

CATHODIC PROTECTION

ConocoPhillips (COP) proposes to drill a cathodic protection deep well groundbed for the subject well. COP will drill a hole vertically at the surface large enough to accommodate 20 feet of 8 inch diameter PVC pipe for surface casing to assist in further drilling and loading. Casing may be cemented in place for stability if needed. COP will drill a 6-7/8" hole to an anticipated minimum depth of 300' (maximum depth of 500'). Cement plugs will not be used unless more than one water zone is encountered. Prior drilling history for the area indicates only one zone to that depth. If more than one water zone is encountered, notification will be made and details of cement and casing will be provided.

All drilling activity will remain on the existing well pad and a Farmington based company will be doing the drilling for ConocoPhillips.

