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 N	MANAGEMENT	5. Lease Serial No. NM-011360-A	
APPLICATION FOR PERMIT	TO DRILL OR REENTER	6. If Indian, Allottee or Tribe Na	ame
1a. Type of Work: ☑ DRILL ☐ REENTER		7. If Unit or CA Agreement, Na	me and No.
/ 1b. Type of Well: ☐ Oil Well	ner ☐ Single Zone ☑ Multiple Zone	8. Lease Name and Well No. SAN JUAN 29-5 UNIT 660	· · · · · · · · · · · · · · · · · · ·
2. Name of Operator Contact:	VICKI WESTBY E-Mail: Vicki.R.Westby@conocophillips.com	9. API Well No. 30 -039 -29	
3a. Address 4001 PENBROOK, SUITE 346 ODESSA, TX 79762	3b. Phone No. (include area code) Ph: 915.368.1352	10. Field and Pool, or Explorate BLANCO MESAVERDE	ry NBASIN DAK(
4. Location of Well (Report location clearly and in accorded	I ance with any State requirements.*)	11. Sec., T., R., M., or Blk. and	Survey or Area
At surface SESW 770FSL 2630FWL At proposed prod. zone	TO THE EST OF THE PARTY OF THE	Sec 33 T29N R5W Mer	NMP
14. Distance in miles and direction from nearest town or post	R 2005	712. County or Parish 75) 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 O'L CCAS. DIV.	Spacing Unit dedicated to the Way 320	nis well
 Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 	19. Proposed Depth 7993 MD	20. BLM/BIA Bond No. on file	
21. Elevations (Show whether DF, KB, RT, GL, etc. 6580 GL	22. Approximate date work will start	23. Estimated duration	
And the second s	24. Attachments		
The following, completed in accordance with the requirements	of Onshore Oil and Gas Order No. 1, shall be attached to	this form:	
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Sys SUPO shall be filed with the appropriate Forest Service On the Plan (if the location is on National Forest Sys SUPO shall be filed with the appropriate Forest Service On the Plan (if the location is on National Forest Sys Suppose the Plan (if the location is on National Forest Sys Suppose the location is on National Forest Sys Suppose the Plan (if the location is on National Forest Sys Suppose the location is on National Forest Sys Sys Suppose the location is on National Forest Sys Sys Sys Sys Sys Sys Sys Sys Sys Sys	Item 20 above).	ONS UNIESS COVERED BY AN EXISTING BEE ATTACHED FOR DITTIONS OF APPRO	₹
25. Signature (Electronic Submission)	Name (Printed/Typed) VICKI WESTBY		0ate 08/19/2004
Title AGENT			
Approved by (Signaring)	Name (Printed/Typed)		ate
DIM anles			1-27-05
Title AEM	Office FFO		
Application approval does not warrant or certify the applicant he operations thereon. Conditions of approval, if any, are attached.	olds legal or equitable title to those rights in the subject l	ease which would entitle the applic	ant to conduct
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, States any false, fictitious or fraudulent statements or representa		o make to any department or agence	y of the United
Additional Country Development			
Additional Operator Remarks (see next page)			

Electronic Submission #34861 verified by the BLM Well Information System For CONOCOPHILLIPS COMPANY, sent to the Farmington

NMOCD

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

District I PO 80x 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 80x 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

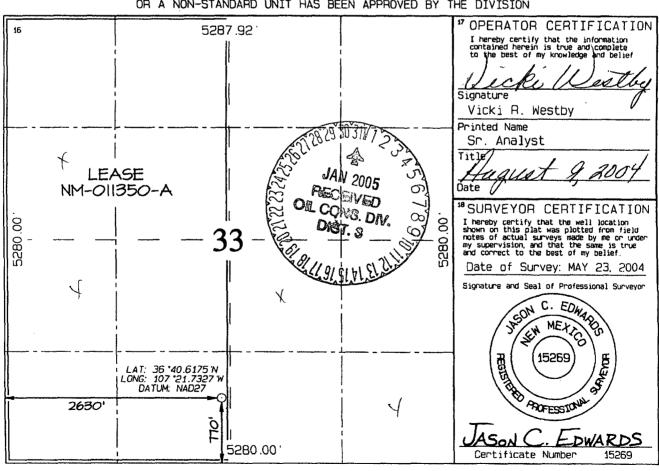
Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

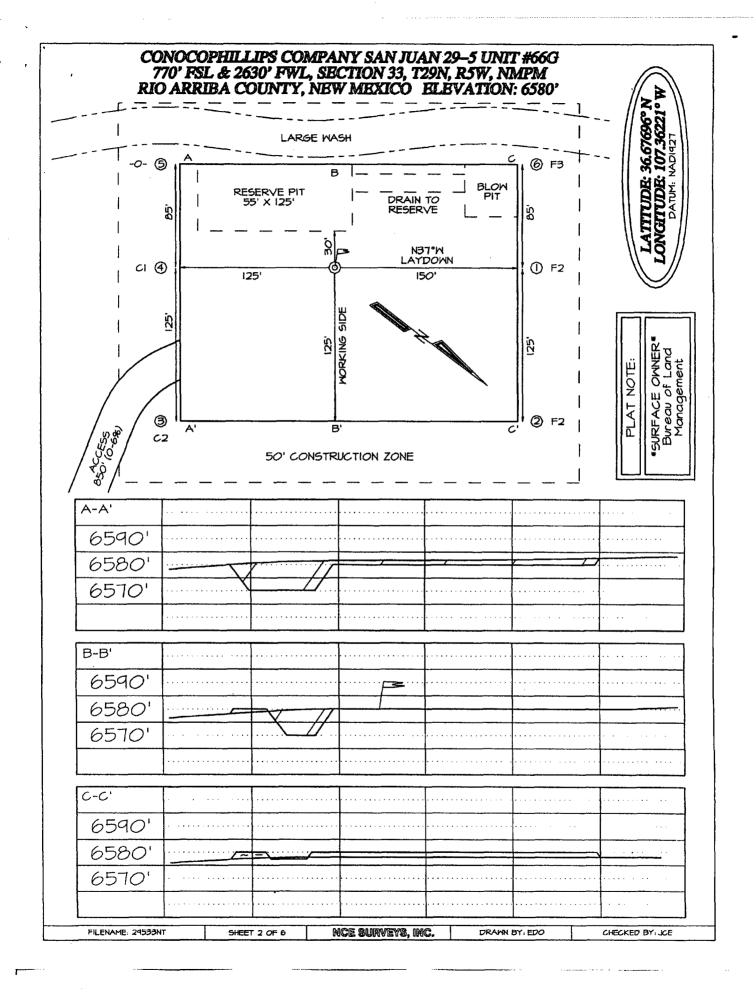
'API	Number	Pool Code Pool Name								
30-03	9-2	1211	7// 72319 \ 71599 BLANCO MESAVERDE \ BASIN DAKOTA							
Property	Code				*Property	Name			Well Number	
31325	5			5	S NAUL NA	9-5 UNIT		ļ		66G
'OGRID N	0.				*Operator	Name			*E	levation
21781	7		,					65 8 0 '		
				1	^o Surface	Location				
UL or lot no.	Section	Township	Range	Lot Jan	Feet from the	North/South line	Feet from the	East/Wa	st line	County
N	33	29N	5W		770	SOUTH.	2630	WE	ST	RIO ARRIBA
		11 [3ottom	Hole L	ocation I	f Different	From Surf	ace		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County
			<u> </u>							
12 Dedicated Acres			- M\5	(MV) (DK)	¹³ Joint or Infill	¹⁴ 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



•				
Submit 3 Copies To Appropriate District	State of New M	exico	•	Form C-103
Office <u>District I</u>	Energy, Minerals and Nat	ural Resources		May 27, 2004
1625 N. French Dr., Hobbs, NM 88240 District II			WELL API NO.	
1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION		5. Indicate Type of Lease	,
<u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Fra	ncis Dr.	STATE FEI	
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM	Santa Fe, NM 8	/303	6. State Oil & Gas Lease No	•
87505				
I	ICES AND REPORTS ON WELL. DSALS TO DRILL OR TO DEEPEN OR PL		7. Lease Name or Unit Agree	ement Name
DIFFERENT RESERVOIR. USE "APPL	ICATION FOR PERMIT" (FORM C-101) F		San Juan 29	-5
PROPOSALS.) 1. Type of Well: Oil Well	Gas Weil X ☐ Other		8. Well Number 100	G
2. Name of Operator			9. OGRID Number	4
ConocoPhillips Company			217817	
3. Address of Operator 4001 Penbrook, Odessa,	ГХ 79762		10. Pool name or Wildcat	Basin
4. Well Location			Blanco Mesaverde,	/ Dakota
Unit Letter \(\tag{2} \)	770 feet from the 3044	n line and 26	30 feet from the Wes	St line
Section 33	-		NMPM RIO arriba	
	11. Elevation (Show whether DR			
Pit or Below-grade Tank Application	<i>6580</i> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	GL		
	50-/00 Distance from nearest fresh w	ater well >/000 Dist	tance from nearest surface water	1000-1000
Pit Liner Thickness: mil			truction Material	
10 (1 1			04.5	
12. Check	Appropriate Box to Indicate N	ature of Notice, Re	sport or Other Data	
·	ITENTION TO:	SUBSE	EQUENT REPORT OF	- :
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK		CASING 🔲
TEMPORARILY ABANDON PULL OR ALTER CASING	CHANGE PLANS MULTIPLE COMPL	COMMENCE DRILL CASING/CEMENT J	<u></u>	
			ов <u>П</u>	
OTHER: Drill Pit Notification	oleted operations. (Clearly state all 1	OTHER:	ina mantiment datas including	
of starting any proposed w	ork). SEE RULE 1103. For Multip	le Completions: Attac	h wellbore diagram of propos	estimated date
or recompletion.	•			
ConocoPhillips Company's Gar	neric Pit Plan is on file at NMOCD i	n Astao NM Conthe	attached disamon that datails t	d
the pit in reference to the p	roposed wellhead. The drill pit will	be lined. The drill pit w	will be closed after the well ha	ne location of is been
completed. The solids left a	after the water has been disposed of	will be sampled and N	MOCD approval will be obta	ined prior to
closure of this pit.				
I hereby certify that the information	above is true and complete to the be	est of my knowledge ar	nd helief I further certify that ar	w nit ou below
grade tank has been/will be constructed or	closed according to NMOCD guidelines], a general permit [] or a	in (attached) alternative OCD-appr	oved plan .
SIGNATURE VICKE WE	stly (pj) TITLE ?	Sr. analy At	DATE 8/	19/04
Type or print name Vicki Westby For State Use Only	E-mail address: Vicki.R	Westby@ConocoPhil	llips.com Telephone No. 432	
1		N ON A CAR MARKS	JAN	31 2nns
APPROVED BY:	TITLE	ty on & gas inspec	POLL DIST. (28 DATE	

APPROVED BY:
Conditions of Approval (if anv):



Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Lease Serial No. NMNM011350A

abandoned wel	s form for proposals to I. Use form 3160-3 (AP	PD) for such p	roposals.		6. If Indian, Allottee or	Tribe Name	
SUBMIT IN TRIF	PLICATE - Other instru	ctions on reve	erse side.		7. If Unit or CA/Agree NMNM78415B	ment, Name and/or No.	
1. Type of Well					8. Well Name and No. SAN JUAN 29-5 66G		
Oil Well Gas Well Oth		9. API Well No.					
Name of Operator CONOCOPHILLIPS COMPAN	BY Westby@conocc	phillips.com	30-039-29211-0	D-X1			
3a. Address PO BOX 2197 WL3 6054 HOUSTON, TX 77252 3b. Phone No. (include area code) Ph: 915.368.1352					10. Field and Pool, or Exploratory BASIN DAKOTA BLANCO MESAVERDE		
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Descriptio	on)			11. County or Parish, a	nd State	
Sec 33 T29N R5W SESW 770	PFSL 2630FWL				RIO ARRIBA CO	DUNTY, NM	
12. CHECK APPR	OPRIATE BOX(ES) T	O INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHER	R DATA	
TYPE OF SUBMISSION			ТҮРЕ О	F ACTION		· · · · · · · · · · · · · · · · · · ·	
Notice of Intent	☐ Acidize	□ Deep	oen	□ Product	ion (Start/Resume)	☐ Water Shut-Off	
_	☐ Alter Casing	□ Frac	ture Treat	□ Reclam	ation	☐ Well Integrity	
☐ Subsequent Report	☐ Casing Repair		Construction	□ Recomp	olete	Other Change to Original A	
Final Abandonment Notice	☐ Change Plans	_	and Abandon		arily Abandon	PD	
	Convert to Injection	n □ Plug	Back	□ Water I	Disposal		
determined that the site is ready for f ConocoPhillips requests to su correct the casing information	bmit a corrected "projec	t proposal". Th	is revision has	N. W.	JAN 2005 CONS. DIV. DIST. 8		
14. I hereby certify that the foregoing is	true and correct. Electronic Submission	#35530 verifie	l by the BI M We	II Information	System		
Comm	For CONOCOP	HILLIPS COMP	ANY, sent to th	e Farmington			
Name (Printed/Typed) VICKI WE	itted to AFMSS for proces STBY	ssing by ADRIE	Title AGEN		4 (U4AAB33173E)		
Signature (Electronic S	Submission)		Date 09/01/2	2004			
	THIS SPACE F	OR FEDERA			SE	10.5	
Approved By	rulier _]		Title	VFM.		1-27-05 Date 27-05	
Conditions of approval if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conditions.	uitable title to those rights in t uct operations thereon.	the subject lease	Office \mathcal{F}	FO			
Title 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it	a crime for any p	erson knowingly at	nd willfully to n	nake to any department or	agency of the United	



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-5 66G

				1							1		
Lease:				A	FE #:				T		AFE	: \$:	
Field Name: hPHIL	LIPS 29-5		Rig:				State:	NM	County: RIO	ARRIBA	API	#:	
Geoscientist: Glas	er, Terry J		Phone	(832)486-23	332	Prod.	Engineer:	Мо	ody, Craig E.	P	hone:	486-2334	
Res. Engineer: Joh	nson, Tom E	3.	Phone	: (832)-486-2	347	Proj. l	Field Lead:	Fra	nsen, Eric E.	Р	hone:		
Primary Objective	re (Zones):							1					
Zone	Zone Name)											
FRR	BASIN DAK	OTA (PRORAT	ED GA	S)									
RON	BLANCO ME	SAVERDE (PR	RORAT	ED GAS)									
					 -								
Location: Surface							2000年				G	traight Hole:	
Latitude: 36.68		ude: -107.36		X:		Y:			Section: 33	pro Causas (
		ge Y: 770 FSL		Elevation: 65	90		Tawashia	200				ange: 5W	
Footage X: 2630 F	WL FOOLAG	ge 1: //u FSL		Elevation: 65	00	(FT)	Township:	2914	l				
Tolerance:		· · · · · · · · · · · · · · · · · · ·							The state of the s		· · · · · · · · · · · · · · · · · · ·		
Location Type: Yea	r Round		Start D	oate (Est.):		Con	npletion D	ate:		Date In O	peratio	on:	
Formation Data:	Assume KB	= 6593 U	Jnits =	FT									
Formation Call &		Depth	SS	Depletion	BHP	внт				Remarks			
Casing Points		(TVD in Ft)	(Ft)	(Yes/No)	(PSIG)	DITT							
Surface Casing		213	6380				12 1/4" F	tole. O sud	9 5/8", 32.3 pp	of, H-40, S	TC cas	ing. Circulate	
NCMT		1273	5320	П			Comence	o suit	idee.				
OJAM		2793	3800	ă			Possible	water	flows.				
KRLD		2933	3660	$\overline{\Box}$									
FRLD		3253	3340				Possible	gas.					
PCCF		3503	3090					-					
LEWS		3703	2890										
Intermediate Casing		3803	2790					ole. 7	7", 20 ppf, J-55,	, STC Casir	ng. Cii	rculate cement t	ю.
CHRA		4503	2000				surface.						
CLFH		5313	2090 1280		1300		Gas; pos	eibly i	wet				
MENF		5393	1200		1300		Gas, pos	SIDIY 1	wet				
PTLK		5693	900				Gas.						
MNCS		5943	650				Gas.						
GLLP		6943	-350				Gas. Pos	sihlv	wet				
GRHN		7643	-1050][nighly fractured				
CBBO		7833	-1240				Gas	ibic, i	ngray tractured				
Total Depth		7993	-1400	-	3300			ole 4	1/2" 11.6 nnf	N-80 LTC	~ casir	ng. Circulate cer	mant
· otal Dept.		7555	1 100	ليا	3300		a minimu	m of	100' inside the	previous ca	asing s	string. No open	
Reference Wells:							hole logs	Cas	ed hole TDT wi	th GR to su	urface.		
	Well Name			Comments								<u> </u>	i de
	5 1441115			- Comments									
Logging Program	11						a P						
Intermediate Logs:	distriction of the second second	y if show 🔲	GR/ILE	Triple	Combo	ar album (FME)	- Company of the second	ed FOLLOWS SA'S			r-season lines		838 6 5
TD Logs:	☐ Triple C	<u> </u>	pmeter		Sonic [☐ VSP	▼ TDT						
Additional Informat	ion:				<u> </u>					Addison-		The state of the s	
													ļ
Camana de Camana	I/Mork Doce	ription Duillin	- 14 -1	B									

Comments: General/Work Description - Drilling Mud Program:

Surface: spud mud

Printed on: 9/1/2004 3:26:47 PM

San Juan 29-5 #66G

SURFACE CASING:

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

ppf

Casing Inside Diam. 90001

Casing Inside Diam. 6456

Excess Cement Cement Required State Sx

SHOE

230 ', 9.625 ",

32.3 ppf,

H-40 STC

cuft/sk

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

s803 • cuft/sk
150 % • cuft/sk
150 % • cuft/sk
150 % sx

SHOE

3803 ',

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

7993

Casing Inside Diam. 4.000

200' inside intermediate casing

de cuft/sk 50 %

San	Juan 29:5 #66	Granista	
	Surfacesqu	Int Csg	Prod. 6sq
ODER CHARLES	9.625	7	4.5
Description of the second	9.001	6.456	4.000
Deoli VIII V	230	3803	7993
(ANG DIAME)	12.25	8.75	6.25
9/6 Extress viverari		150	
26 Excess Paller 1925	125	150	50
ຊອາທິ ທີ່ເຄີທີ່ ຊາຍ ປະຊາຊາ			
Tall Yield was a last with		11.31	
Hamiltall(Slumy)	230	760.6	4390
Top oldfall Slung as	0	3042.4	3603
Topyot Land Sluny	N/A	0	NA
Manife (Wind(a)ele)	8.9	9,0	air dril
Мый трубено и		WBM	air dril

Surface Co	asing
ER Cap	S Factor bbis cuft sx
Open Hole Annulus 230 0.055804	
Shee Track Volume 42 0.078735	1 33 186 160
FOR STATE SHAPE SHOULD AND A SHOULD SHOW THE	#50-2000 PSP40E3000 WEST-6705 PSP46174709

	Ft	Cap	XS Factor	bbls	cuft	sx
Lead Open Hole Annulus	2812.4	0.026775	2.5	188.3	1057.0	388.6
Lead Cased Hole Annulus	230	0.031104		7.2	40.2	14.8
celá il olyane a meleji a jedaca je				E 1853	40974	103.4
Tail Open Hole Annulus	760.6	0.026775	2.5	50.9	285.9	218.2
Tail Shoe Track Volume	42	0.04049	10000001	1.7	9.5	7.3
ikali a tokali disebila di kecamatan				16 to 52 6	205.4	4-12/2015

	Production	Casing	
	Ft Cap	XS Factor bbls	cuft sx
Open Hole Annulus	4190 0.018275	1.5 114.9	644.9 447.8
Cased Hole Annulus	200 0.020818	1 4.2	23.4 16.2
goal service and access		1.1070	Fig. 1665-65 E. F. F. A64-61

	Senduan 29/5#66G Torres The Control
New Section Control	9.5/8 Sundice Cashing 1995
	Class C Standard Cement
Cement Recipe	± 2% S00r Calcium Chloride
	40:25 lb/sx 0029 Cellophane Hakes
Cement Volume	Note that the state of the stat
Cement Yield	1/46 6.00/sx
Cement Volume	and some state of the second s
Cemen Density	15/8 ppg 3
Water Required	4.983 gal/sx
Compressive Stre	l ngth
Sample cured at 6	O'deg F for 8 his
12 hrs	1174 psi
36 hrs	27.63 05

San Juan 29,5,#66G.

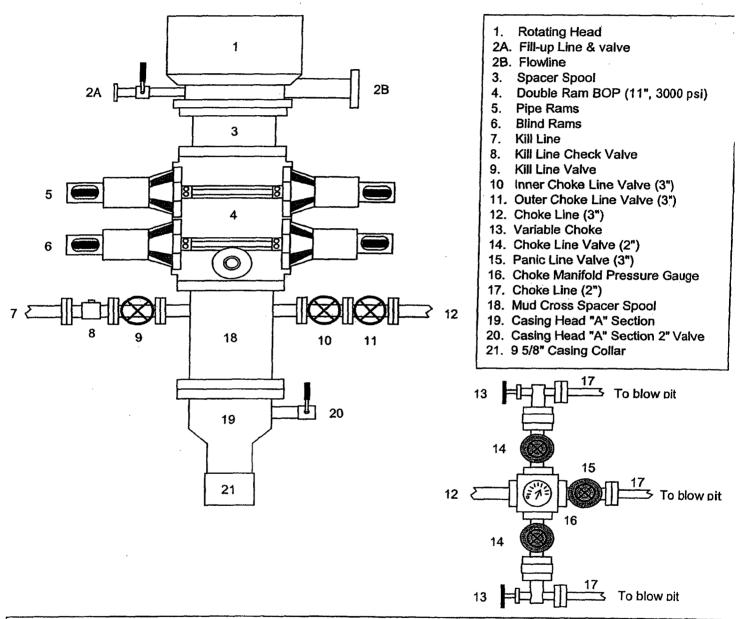
	7" Intermediate Casing
	Lead Slumy
	Class G Standard Cement
	+0.25 lb/sx D029 Cellophane Flakes
Cement Recipe	+ 3% D079 Extender
	+ 0.20% D046 Antifoam
	+ 10 lb/sx Pheno Seal
Cement Required	SX
Cement Yield	2.72 cuft/sx
Slurry Volume	cuft
	bbls
Cement Density	10.7 ppg
Water Required	15.74 gal/sx
Compressive Streng	
Sample cured at 14(deg F for 24 hrs
2 hr 37 min	50 psi
39 hr 40 min	500 psi

	7" Intermediate Casing					
	Tail Slumy					
	50 / 50 POZ Standard Cement					
	+0.25 lb/sx D029 Cellophane Flakes					
	+ 2% D020 Bentonite					
Cement Slurry	+ 1.5 lb/sx D024 Gilsonite Extender					
	+ 2% S001 Calcium Chloride					
	+ 0.10% D046 Antifoam					
	+ 6 lb/sx Pheno Seal					
Cement Required	SX SX					
Cement Yield	41:31 cuft/sx					
Slurry Volume	CUITE CONTRACTOR OF THE CONTRA					
Old W Wolding	bbls					
Cement Density	13.5 ppg					
Water Required	5.317 gal/sx					
Compressive Strengt	th Charles and Constitution of the English Constitution					
Sample cured at 140	deg F for 24 hrs					
24 hr	908 psi					
48 hr	1950 psi					

	4-1/2* Production Gasing 50 / 50 POZ:Class G Standard Cement
Cement Recipe	+0.25 lb/sx D029 Cellophane Flakes
	+ 3% D020 Bentonite
	+ 1.0 lb/sx D024 Gilsonite Extender
	H 0.25% D167 Fluid Loss
	+ 0.15% D065 Dispersant
	+ 0:1% D800 Retarder
	+ 0 1% D046 Antifoamer
	+3.5 lb/sx PhenoSeal
Cement Quantity	SX
Cement Yield	1.44 cuft/sx
Cement Volume	cuff
Jennent volumes	
Cement Density	13 ppg
Water Required	6.43 gal/sx
Compressive Stren	
Sample cured at 20	
6 hr 35 min	500 psi
24 hr	2373 psi

BLOWOUT PREVENTER ARRANGEMENT & PROGRAM

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

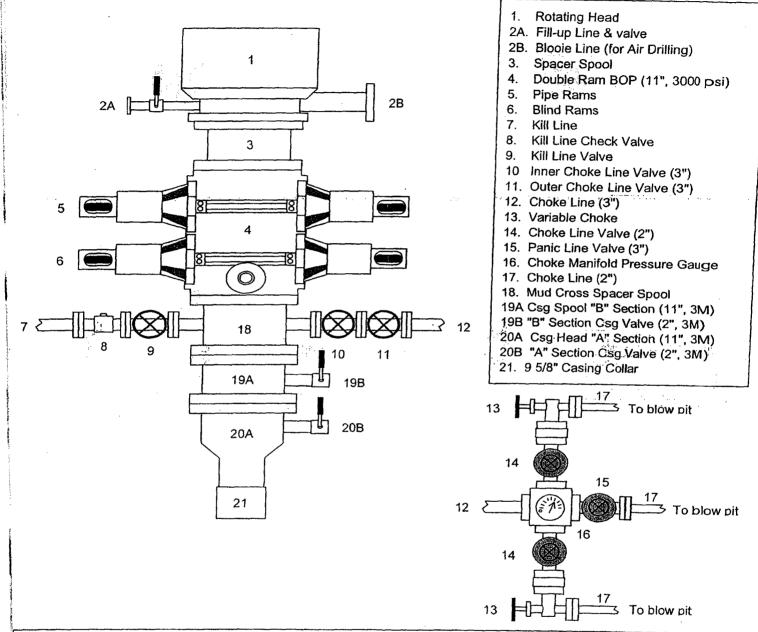


A 12-1/4" hole will be drilled to approximately 220' and the 9-5/8" surface casing will be run and cemented. The Casing Head "A" Section will be screwed onto the 9-5/8" surface casing stub. The BOP will be installed on the Casing Head "A" Section. A test plug will be set in the wellhead and the pipe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





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 2-3 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 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. 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