UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

DIST. 3

	Type of Work 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5. Lease Number		
	DRTI.I.	SF-079294		
	ALGINIO	Unit Reporting Number		
) .	Type of Well 216 FAR LARGE ON EM	NMNM-78413C-DK NMNM-7 6. If Indian, All. or Tribe		
J .	GAS	o. Il fildian, An. of Tribe		
•	Operator	7. Unit Agreement Name		
	ConocoPhillips	San Juan 28-7 Unit		
	Address & Phone No. of Operator	8. Farm or Lease Name		
	PO Box 4289, Farmington, NM 87499	O Mall Nambon		
	(505) 326-9700	9. Well Number #221F		
•	Location of Well	10. Field, Pool, Wildcat		
	Unit P (SESE), 1005' FSL & 665' FEL,	Blanco MesaVerde/Basin DK		
		11. Sec., Twn, Rge, Mer. (NMPM)		
	Latitude 360 37.6695' N	P Sec. 25 T28N, R7W, NMPM		
	Longitude 107° 31.0531' W	ADI # 00 000 2 0 4 1 1		
		API # 30-039- 30146		
4.	Distance in Miles from Nearest Town	12. County 13. State		
	25 miles to Blanco	Rio Arriba NM		
5.	Distance from Proposed Location to Nearest Property or Lease I	Line		
6.	Acres in Lease	17. Acres Assigned to Well		
		320 acres E/2		
B.	Distance from Proposed Location to Nearest Well, Drlg, Compl,	or Applied for on this Lease		
9.	Proposed Depth	20. Rotary or Cable Tools		
	7672'	Rotary		
1.	Elevations (DF, FT, GR, Etc.)	22. Approx. Date Work will Start		
	6524' GL			
3.	Proposed Casing and Cementing Program			
	See Operations Plan attached			
	Macy V. Menroe	12/22/21		
4.	Authorized by:	13430106		
	Regulatory Technician	Date		
=				
ERMI	T NO. APPROVAL D	ATE		
PPRO	OVED BY MICOLOGITITLE AT-1	DATE 3/9/07		
	7			

Archaeological Report submitted seperately

Title 18 U.S.C. Section 1001, makes 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 presentations as to any matter within its jurisdiction.

This is not an HPA well

This action is gotten.

This action is subject to technical and procedural review pursuant to 43 CFR 3165 3 and appeal pursuant to 43 CFP 3165 4

NMOCD & 3/13/07

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

District I PO Box 1980, Hobbs, NM BB241-1980

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

Form C-102 Revised February 21, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

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

ZETT DEC 20 PH AMENDED REPORT

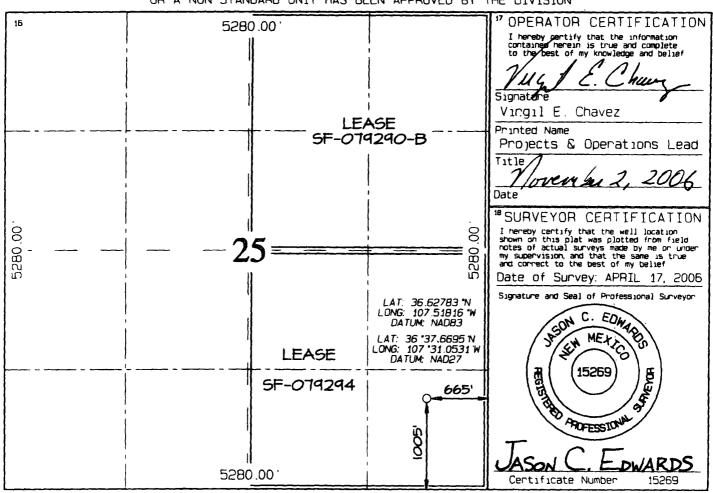
RECTIVED

WELL LOCATION AND ACREAGE DEDICATION APLATED AND ACREAGE

'API Number	'Pool Code	'Pool Name				
30-039- 3D146	72319 / 71599	BLANCO MESAVERDE / BASIN	DAKOTA			
'Property Code		Property Name	"Well Number			
31739	SAN	SAN JUAN 28-7 UNIT				
'OGRID No.		*Operator Name	*Elevation			
217817	17817 CONOCOPHILLIPS COMPANY					
	10 St	urface Location	*·····································			

					¹⁰ Surface	Location			
UL or lot no.	Section 25	Townshap 28N	Range 7W	Lot Idh	Feet from the	North/South line SOUTH	Feet from the	East/West line EAST	County RIO ARRIBA
		11 E	Bottom	Hole L	ocation I	f Different	From Surf	ace	
UL or lot no.	Section	Township	Pange	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
			1	1]	144 00 30001 1110	, oat non the	East/west ling	County
P						,	1000	RSYP MAR 1	k 97

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

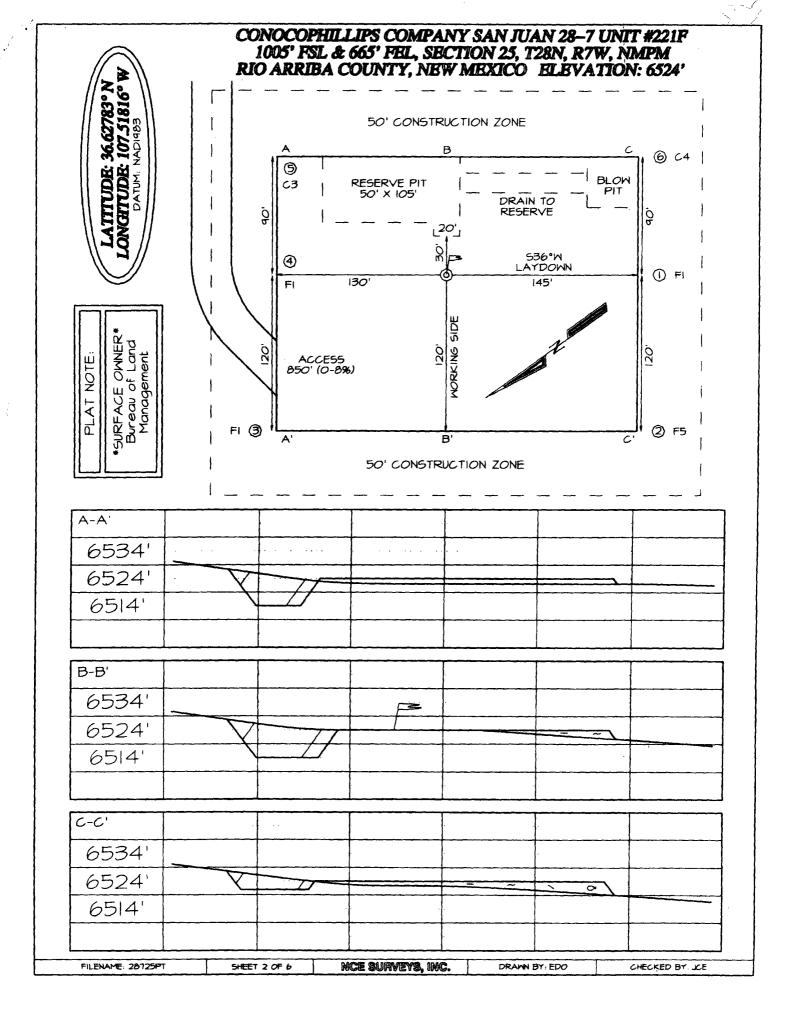


Submit 3 Copies To Appropriate Distric	ı c	4-4 CNI N.					
Office	. 3	tate of New Me	exico				Form C-103
District I		Minerals and Natura	al Resources				May 27, 2004
1625 N. French Dr., Hobbs, NM 88240 District II	i			WELL API NO.	20	1-039-30	146
1301 W. Grand Ave., Artesia, NM 882	10 OIL CO	ONSERVATION	DIVISION	5. Indicate Type		-039- <u> </u>	. 10
District [II		20 South St. France			TATE	FEE	
1000 Rio Brazos Rd., Aztec, NM 8741		Santa Fe, NM 875		6. State Oil & Ga			
District IV		Sama 1 0, 14141 075	303		SF-0792	94	Í
1220 S. St. Francis Dr., Santa Fe, NM S					······································		
(DO NOT USE THIS FORM FOR PROPOS	RY NOTICES AND REPOR			7. Lease Name or	Unit Agreement	Name	1
DIFFERENT RESERVOIR. USE "APPLIC					San Juan 28-	7 Unit	
PROPOSALS.)		, , , , , , , , , , , , , , , , , , , ,			SAN JUAN 40-	/ Cuit	1
1. Type of Well:				8. Well Number			
Oil Well Gas Well	X Other				221F		
2. Name of Operator				9. OGRID Numb	er		
	ConocoPhillips				217817		
3. Address of Operator	OTH OTHER CARACTE	TON NIM 97402		10. Pool name or		. M V	
4. Well Location	30TH STREET, FARMING	TON, NW 87402		Bas	in Dakota/Blanc	o iviesa v erc	ie
Unit Letter P :	1005 feet from the	South	line and	665	feet from the	East	line
Section 25	Township	28N	Range	7W NMPM	Cou		Rio Arriba
	11. Elevation (Show whether	er DR, RKB, RT, GR, e	etc.)				
	-T	6524'	GL				
Pit or Below-grade Tank Application	X or Closure						
Pit type New Drill Depth to Grou	andwater >100' Distance	e from nearest fresh water	r well	> \$000 ,	Distance from nea	irest surface w	ater >1000'
Pit Liner Thickness: 12	mil Below-Grad	le Tank:		bbls;	Construction Mat	erial	
1:	2. Check Appropriat	e Boy to Indicate	e Nature of N	otice Report or Ot	her Data		
	OF INTENTION TO:	c Dox to Indicate	c reaction of re	SUBSEQUE		OF.	
PERFORM REMEDIAL WORK	T PLUG AND ABANDO	N .	REMEDIAL WO		VI KEPOKI		CASING []
TEMPORARILY ABANDON	CHANGE PLANS	19		RILLING OPNS.	\vdash	ALTERING P AND A	H SING
PULL OR ALTER CASING	MULTIPLE COMPL		CASING/CEME		H	FANDA	لــا
			_				
OTHER: N	ew Drill Pit		OTHER:				
Describe proposed or comp							
	ork). SEE RULE 1103. Fo	r Multiple Completion	ns: Attach wellbo	ore diagram of proposed of	completion		
or recompletion.							
New Drill, Lined:							
New Drin, Linea:							
ConocoPhillips proposes to cons	truct a new drilling nit on a	secciated vent/flare ni	it and a nra cat m	nd nit (if required) Rose	rd on ConocoPhil	lina' intarne	station of the
Ecosphere's risk ranking criteria							
NMOCD office. A portion of the		•	•				
anticipates closing these pits acc			and that portion v	win be inied as per the ris	k ranking criteria	Conocori	шшрь
anticipates closing these pits acco	Stume we thought 1, 2	1004 Guidennes.					
I hereby certify that the information	above is true and complete	to the best of my know	wledge and belief	I further certify that any n	it or helow		
grade tank has been/will be constructed or		· —	, a general permit	X or an (attached) alter		ed:plan	Π.
2		U	,				L-J'
SIGNATURE ///LCLY	V Misswe	TITLE		Regulatory Technicia	n	DATE	12/18/2006
				barara j i commena		_ ~ ~ ~ ~	-2, 10, 2000
Type or print name Trace For State Use Only	cey N. Monroe	E-mail address:	Tracey.N.Mor	nroe@conocophillips.c	om Telephone N	o. 50 5	5-326-9752

DEPUTY OR & GAS INSPECTOR, DIST. GB DATE 3/13/07

TITLE

APPPROVED BY
Conditions of Approval (if any):





PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-7 221F

Primary Objective Zone 2 R20002 N	nson, Tom B.		Phone:	tec Rig 711 505-326-978 (832)-486-23				NM County: F		AFE \$: API #: Phone: +1 832-486-3483
Res. Engineer: John Primary Objective Zone 2 R20002 M	nson, Tom B. (Zones): Zone Name MESAVERDE		Phone:	505-326-978						The designation and the control of t
Res. Engineer: John Primary Objective Zone 2 R20002 M	nson, Tom B. (Zones): Zone Name MESAVERDE							. 011101100,		
Primary Objective Zone Z R20002 N	e (Zones): Zone Name MESAVERDE						eld I ead:	Fransen, Eric		Phone:
Zone 2 R20002 M	Zone Name MESAVERDE	(B20002)	<u> </u>	The second secon						THORE.
R20002 N	MESAVERDE	(B20002)			7	<u>erkan Ph</u>		eriyadi barir.		
		·(K/UUU)			_					
K20076 L	JAKOTA(R20				_					
		0076)								
		Datum Coo	42. NIA	G 07		e-13 Minus				
Location: Surface		<u> </u>		<u>(1892 a ta t</u>				T		Straight Hole
Latitude: 36.627822		ide: -107.51		X:		Y:	***************************************	Section:	25	Range: 7W
Footage X: 665 FEL	Footage	e Y: 1005 FS	SL	Elevation: 652	24 (FT) T	ownship:	28N		
Tolerance:		,								
Location Type: Year	Round		Start D	ate (Est.):		Comp	oletion Da	te:	Date In	Operation:
	Assume KB =	6538 l	Jnits =	FT						
Formation Call & Casing Points		Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	внт			Remarks	
SURFACE CSG		211	6327						ppf, H-40, S	C casing. Circulate cement
NCMT		1088	5450			1	to surface	•		
DJAM		2424	4114			I	Possible w	ater flows.		
KRLD		2552	3986							
RLD		3022	3516			I	Possible g	as.		
PCCF		3226	3312							
.EWS		3305	3233	ā						
intermediate Casing		3405	3133				8 3/4" Hol surface.	e. 7", 20 ppf,	J-55, STC Cas	ing. Circulate cement to
HURF		3786	2752							
CHRA		4179	2359	ā						
JCLFH		4775	1763	ā						
CLFH		4864	1674	ā		(Gas; possi	bly wet		
MENF		5003	1535	ō			Gas.	•		
PTLK		5461	1077	ā			Gas.			
MNCS		5920	618	ō		(Gas.			
JPPER GLLP		6640	-102			(Gas. Poss	ibly wet.		
GRHN		7379	-841	$\overline{\Box}$				ole, highly fract	ured	
GRRS		7441	-903				•	, , ,		
WLS		7476	-938	ñ		(Gas			
PAGU		7563	-1025	ŏ				ly Fractured.		
CBBO		7589	-1051	ā			Gas	,		
BRL		7615	-1077	ñ						
otal Depth		7672	-1134	Ö		C	of 100' ins	.5 ppf, J-55, ST ide the previou c TDT with GR	s casing string	culate cement a minimum g. No open hole logs.
Reference Wells:			GA.							
	ell Name			Comments						
ntermediate SJ	28-7 221M			25-28N-7W-S	E, KB = (6225				

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PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-7 221F

Intermediate	SJ 28-7 222]2	25-28N-7W-SW, KB	= 6188		
Intermediate	SJ 28-7 227	3	6-28N-7W-NE, KB	= 6637		
Logging Pro	Jram:					
	.ogs: Deg only if sh			and the second distance and a second of second seco	et complete a communication des prime continuously complete and acquire and acquire and acquire and acquire and	
						*
TD Logs:	Triple Combo	☐ Dipmeter	RFT Sonic	□ VSP□ TDT ☑ OI	her	
	GR/CBL					
Additional Info	rmation:					
	- 					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks	
Comments: Lo	cation/Tops/Logging -	TD is 293' below (GRHN			
7-	M/MMAODONIOOZ/A	DECES DENIM	1020N007W2ECE2			
40	nes - MVNM028N007W	255E2 and DIKINM	102814007W255E2			

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Revision Date: September 1, 2004

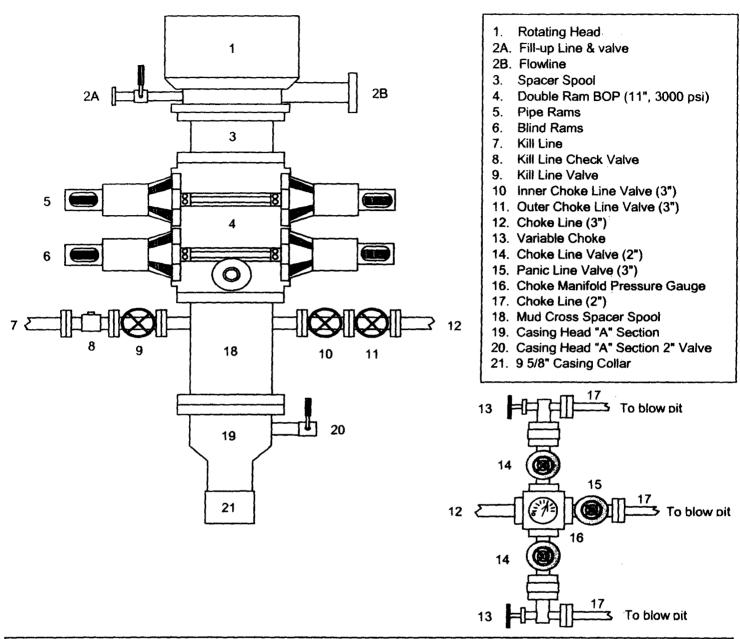
Comp. Strength 8 hrs 475 psi 24 hrs 1375 psi	Comp. Strength 3 hrs 100 psi 24 hrs 443 psi	Comp. Strength 24 hrs 1850 psi 48 hrs 3411 psi at nt Extender	
Option 3 37 sx 10.6 bbls 59.3 cuft 1.61 ft ² /sx 14.5 ppg 7.41 gal/sx + 20% Fly Ash	231 sx 108.4 bbls 608.4 cuft 2.63 ff/sx 11.7 ppg 15.92 gal/sx Class G Cement + 3% DO79 Extender + 0.20% DO46 Antifoom + 1.0 lb/bbl CemNet	Option 3 127 sx Com 29.1 bbls 24 hrs 29.1 bbls 24 hrs 163.2 cuft 48 hrs 1.28 r²/sx 13.5 ppg 5.255 gal/sx 50/50 Poz: Class G Cement + 2% DO20 Bentonite + 5.0 lb/sx DO24 Gilsonite Extender + 2% S001 Calcium Chloride + 0.1% D046 Antifoamer + 1.0 lb/bbl CemNet	
Comp. Strength rrs 250 psi rrs 500 psi	Comp. Strength 1:47 hrs 50 psi 12 hrs 350 psi 24 hrs 450 psi	Comp. Strength 15 50 psi 66 500 psi 178 1260 psi 178 1819 psi	Comp. Strength 2 50 psi hrs 500 psi hrs 2300 psi rs 2300 psi rr
φ α	₽ 25 42	6674	Con 9:32 12 hrs 13:29 24.hrs erment Reducer coss Additive
Option 2 76 sx 16.4 bbls 91.9 cuft 1.21 ff ² /sx 15.6 ppg 5.29 gal/sx Standard Cement + 3% Calcium Chloride + 0.25 lb/sx Flocele	Option 2 234 sx 108.4 bbls 608.4 cuft 2.60 f²/sx 11.5 ppg 14.62 gal/sx Type III Ashgrove Cement + 30 lb/sx San Juan Poz + 3% Bentonite + 5.0 lb/sx Phenoseal	Option 2 123 sx 29.1 bbls 29.1 bbls 3.5.2 cuft 4.3.5 ppg 5.5.2 gal/sx 50/50 Poz: Standard Cement + 2% Bentonite + 6.0 lbl/sx Phenoseal	Option 2 409 sx Com 10.6 bbls 9:32 592.8 cuft 12 hrs 1.45 ff/sx 13:29 13.1 ppg 24.hrs 60.50 Poz: Standard Cement + 3% Bertonite + 0.2% CFR-3 Friction Reducer + 0.1% HR-5 Retarder + 0.1% HR-5 Retarder + 0.8% Halad-9 Fluid Loss Additive
Comp. Strength 6 hrs 250 psi 8 hrs 500 psi psi pride	Comp. Strength 9 hrs 300 psi 48 hrs 525 psi	Comp. Strength 3:53 500 psi 8:22 1000 psi 24 hrs 3170 psi 48 hrs 5399 psi hent hane Flakes oride	Comp. Strength 7 hrs 500 psi 24 hrs 2100 psi 24 hrs 2100 psi hent hent te Extender s nt
SURFACE:	INTERMEDIATE LEAD:	Option 1	PRODUCTION:
12.25 • 9.625 • 9.625 • 9.001 • 32.3 ppf H-40 125 %	8.75 * 6.456 * 20 ppf	6.25 * 4.5 * 4 *	11.6 ppf N-80 30 % 7672
HOLE: CSG OD: CSG ID: WGT: GRADE: EXCESS:	HOLE: CSG OD: CSG ID: WGT: WRT: CRADE: EXCESS: TAIL:	HOLE: CSG OD: GSG ID:	WGT: GRADE: EXCESS: DEPTH:

m3- 11/15/06

	Comp. Strength 10:56 500 psi 42 hrs 1012 psi	ss G Cement ohane Flakes		
	Option 5 290 sx 108.4 bbls 608.4 cuft 2.10 ft ² /sx 11.7 ppg	11.724 gal/sx 75% Type XI / 25% Class G Cement + 0.25 lb/sx D029 Cellophane Flakes + 3% D079 Extender + 0.20% D046 Artifoam		
	Comp. Strength 1:47 50 psi 12 hrs 350 psi 24 hrs 450 psi			
<u>SURFACE:</u>	INTERMEDIATE LEAD: Option 4 211 sx 108.4 bbis 608.4 cuft 2.88 ft ² sx 11.5 ppg	16.85 gal/sx Standard Cement + 3% Econolite (Extender) + 10 lb/sx Phenoseal	INTERMEDIATE TAIL:	PRODUCTION:
12.25 • 9.625 • 9.001 • 32.3 ppf H-40 125 %	8.76	6.456 ° 20 ppf 20 ppf 30 % 805 % 805 % 805 %		6.25 • 4.5 •
HOLE: CSG OD: CSG ID: WGT: GRADE: EXCESS:		CSG ID: WGT: GRADE: EXCESS: TAIL: DEPTH:		HOLE: CSG OD: CSG ID: WGT: GRADE: EXCESS:

BLOWOUT PREVENTER ARRANGEMENT & PROGRAM

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

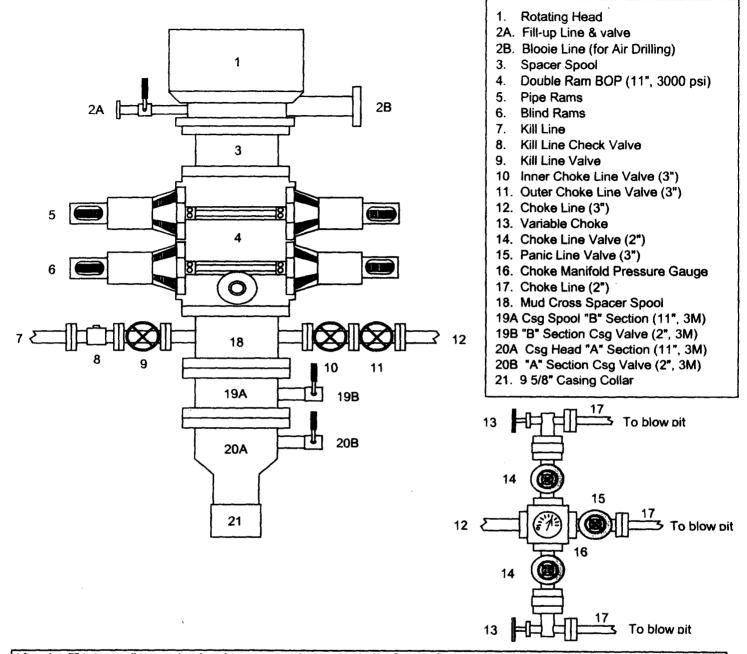


A 12-1/4" hole will be drilled to approximately 220' and the 9-5/8" surface casing will be run and cemented. The Casing Head "A" Section will be screwed onto the 9-5/8" surface casing stub. The BOP will be installed on the Casing Head "A" Section. A test plug will be set in the wellhead and the pipe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