UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Perator ington, NM 87499 FNL & 1225' FEL N 2'W	5. Lease Number NMNM-03404 PEO NMNM-03404 Unit Reporting Number ATM NMNM-0784046-DK NMNM-07 6. If Indian, All. or Tribe 7. Unit Agreement Name 8. Farm or Lease Name 9. Well Number #49F 10. Field, Pool, Wildcat Basin Dakota / Blanco M 11. Sec., Twn, Rge, Mer. (NMPM A Sec. 5, T30N, R06W
perator ington, NM 87499 FNL & 1225' FEL	Unit Reporting Number AMANM-6784348-DK NMNM-6784348-DK NMNM-6786. If Indian, All. or Tribe 7. Unit Agreement Name San Juan 31-6 Unit 8. Farm or Lease Name 9. Well Number #49F 10. Field, Pool, Wildcat Basin Dakota / Blanco M
perator ington, NM 87499 FNL & 1225' FEL	6. If Indian, All. or Tribe 7. Unit Agreement Name San Juan 31-6 Unit 8. Farm or Lease Name 9. Well Number #49F 10. Field, Pool, Wildcat Basin Dakota / Blanco M 11. Sec., Twn, Rge, Mer. (NMPR)
perator ington, NM 87499 FNL & 1225' FEL	6. If Indian, All. or Tribe 7. Unit Agreement Name San Juan 31-6 Unit 8. Farm or Lease Name 9. Well Number #49F 10. Field, Pool, Wildcat Basin Dakota / Blanco M 11. Sec., Twn, Rge, Mer. (NMPR)
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N	Basin Dakota / Blanco M 11. Sec., Twn, Rge, Mer. (NMPN
- **	A sec. 3, 130K, ROOM
	API# 30-039-29903
rest Town	12. County 13. Sta
	Rio Arria NM
cation to Nearest Property or Lea	ease Line
	17. Acres Assigned to Well
	DK & MV 319.67 E/2
cation to Nearest Well, Drlg, Co	ompl, or Applied for on this Lease
	20. Rotary or Cable Tools
	Rotary
)	22. Approx. Date Work will Sta
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an attached	
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Ti - () list	5/8/00
Mex Maluat	
diagory Analyst 2	Date
APPRO	VAL DATE
MODE TITLE A.	FU DATE 5/26
THE TAY	DATE 3/26
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	od willfully to make to any department or agence
idulent statements or presentations	as to any matter within its jurisdiction.
25.3	n AUTHORIZEU AND
DRILLING OFFICERATIONS	NOT WITH ATTACHED
	APPRO APPRO TITLE S. BLM Form 3160-3 a crime for any person knowingly and an attached APPRO AP

District I PO Box 1980, Hopbs, NM 88241-1980

District II PO Drawer DD, Antesia, 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

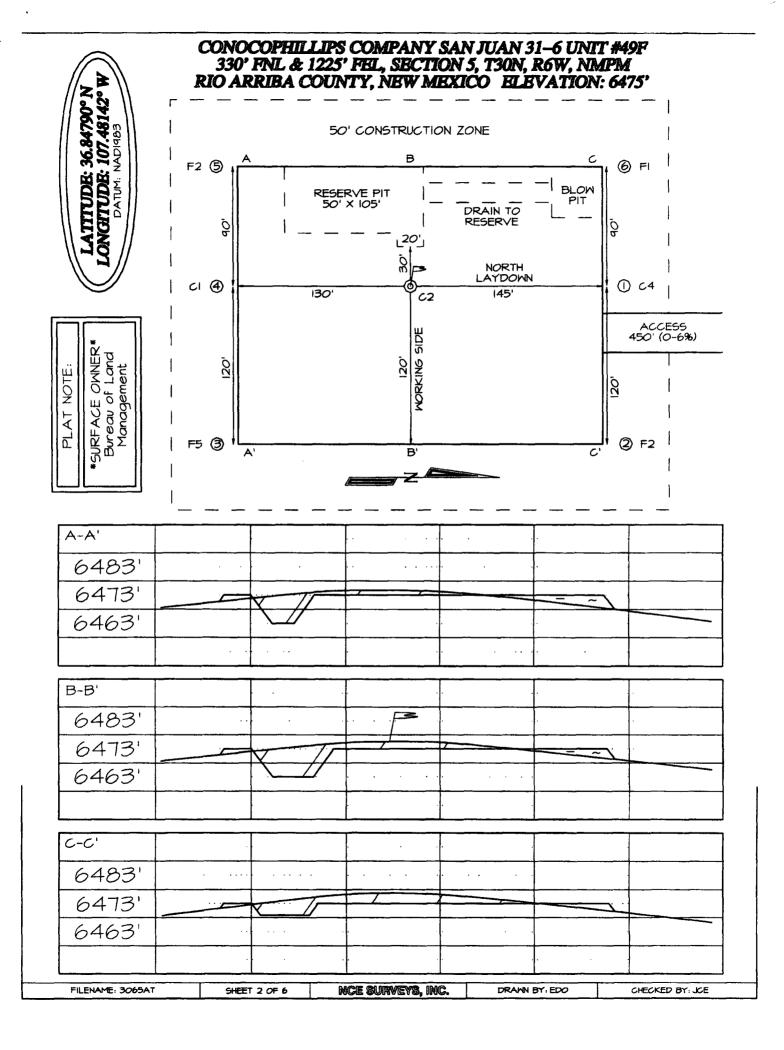
Santa Fe, NM 87504-2088

RECEIMED

WELL LOCATION AND ACREAGE DEDITORTION PLATITION

	WELL LUCATION AND ACREAGE DEDICATION PLAT												
'API Number Pool Cod													
30-039-29903 72319 / 715						599 BLANCO MESAVERDE / BASIN DAKOTA							
Property Code					Property					*Well Number			
31328						SAN JUAN 31-6 UNIT						49F	
'OGRID No.					*Operator Name					°E	levation		
217817				CC	NOCOPHILL]	IPS COMPANY)	6475		
¹⁰ Surface Location													
UL 0	r lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Fe	et from the	East/We	est line	County	
A 5		30N	6W		330	NORTH		1225	FΔ	ST	RIO		
L						L	L		l			ARRIBA	
110	r lot no.	Section	Township	3ottom	Hole L	_ocation I	f Different		om Surf		st line	County	
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-		<u> </u>	<u> </u>	<u> </u>			4					<u> </u>	
_ Deda	cated Acres		37 Acres			¹³ Joint or Infill	³⁴ Consolidation Code	25 Orde	r No.				
L		319.6	Acres	s - E/a	2 (DK)	<u> </u>	<u> </u>						
NO	ALLOW	ABLE W	ILL BE	ASSIGNE	D TO TH	IS COMPLETI	ON UNTIL ALL	INT	ERESTS H	AVE BE	EN CON	ISOL IDATED	
16			OR A	NON-ST	ANDARD	UNIT HAS BE	EEN APPROVED	BY	THE DIVIS	SION			
				5	280.00		330'		17 OPER	ATOR	CERTI	FICATION	
				J.		NT: 36.84790 N	Ŏ 		I hereby	certify	that the 1	nformation	
310.10	LO	τ	1 /	ΩT	ll LON	NG: 107.48142°1 DATUM: NAD83	1225'		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief			and belief	
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1			3000	\ .;	ı (1	¹⁸ SURVE	EYOR	CERTI	FICATION	
1		ı	1 90%	-	"I				I hereby o	ertify the	at the well was plotte	ll location ed from field by me or under same is true	
	<u> </u>	-			5		i — —		notes of a	sctual sur sion, and	veys made that the	by me or under same is true	
}	, V				<u> </u>				and correc	t to the	Dest or my	y Dellet	
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}		- 4	Lan.		Ί	LE.	ASE			and Seal	of Profess	sional Surveyor	
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1			1	5	272.081		1		Certif	icate N	umber	15269	

Office	Form C-103
<u>District I</u> Energy, Minerals and Natural Resou	rces May 27, 2004
1625 N. French Dr., Hobbs, NM 88240 District II	WELL API NO. 30-039-
1301 W. Grand Ave., Artesia, NM 88210 OIL CONSERVATION DIVISI	
<u>District III</u> 1220 South St. Francis Dr.	STATE FEE
1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NM 87505	6. State Oil & Gas Lease No.
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	NMNM-03404
SUNDRY NOTICES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH	San Juan 31-6 Unit
PROPOSALS.)	
1. Type of Well: Oil Well Gas Well X Other	8. Well Number #49F
2. Name of Operator	9. OGRID Number
ConocoPhillips Company	217817
3. Address of Operator	10. Pool name or Wildcat Basin DK / Blanco MV
3401 E. 30TH STREET, FARMINGTON, NM 87402 4. Well Location	Basin Dr. / Bianco ivi v
Unit Letter A : 330' feet from the North line a	
Section 5 Township 30N Rng	6W NMPM County Rio Arriba
6475' GL	
Pit or Below-grade Tank Application or Closure	
Pit type New Drill Depth to Groundwater >100' Distance from nearest fresh water w	
Pit Liner Thickness: n/a mil Below-Grade Tank: Volume	bbls; Construction Material
12. Check Appropriate Box to Indicate Nature o	•
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
Lean	MEDIAL WORK MENCE DRILLING OPNS. ALTERING CASING P AND A
	SING/CEMENT JOB
OTHER: New Drill X OTH	HER:
13. Describe proposed or completed operations. (Clearly state all pertinent details	
of starting any proposed work). SEE RULE 1103. For Multiple Completions:	
of starting any proposed work). SEE RULE 1103. For Multiple Completions:	
of starting any proposed work). SEE RULE 1103. For Multiple Completions:	
of starting any proposed work). SEE RULE 1103. For Multiple Completions:	
of starting any proposed work). SEE RULE 1103. For Multiple Completions:	
of starting any proposed work). SEE RULE 1103. For Multiple Completions:	
of starting any proposed work). SEE RULE 1103. For Multiple Completions: or recompletion.	Attach wellbore diagram of proposed completion
of starting any proposed work). SEE RULE 1103. For Multiple Completions: or recompletion. The pit will be constructed and closed in accordance with Rule 50 and as per the No	Attach wellbore diagram of proposed completion vember 1, 2004 guidelines. See the attached diagram that
of starting any proposed work). SEE RULE 1103. For Multiple Completions: or recompletion.	Attach wellbore diagram of proposed completion vember 1, 2004 guidelines. See the attached diagram that
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of starting any proposed work). SEE RULE 1103. For Multiple Completions: or recompletion. The pit will be constructed and closed in accordance with Rule 50 and as per the No details the location of the pit in reference to the proposed wellhead. The dirll pit will completed. Thereby certify that the information above is true and complete to the best of my knowledge tank has been/will be constructed or closed according to NMOCD guidelines, a general permanent.	vember 1, 2004 guidelines. See the attached diagram that 1 be lined. The drill pit will be closed after the well has been edge and belief. I further certify that any pit or belownit X or an (attached) alternative OCD-approved plan
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PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 31-6 49F

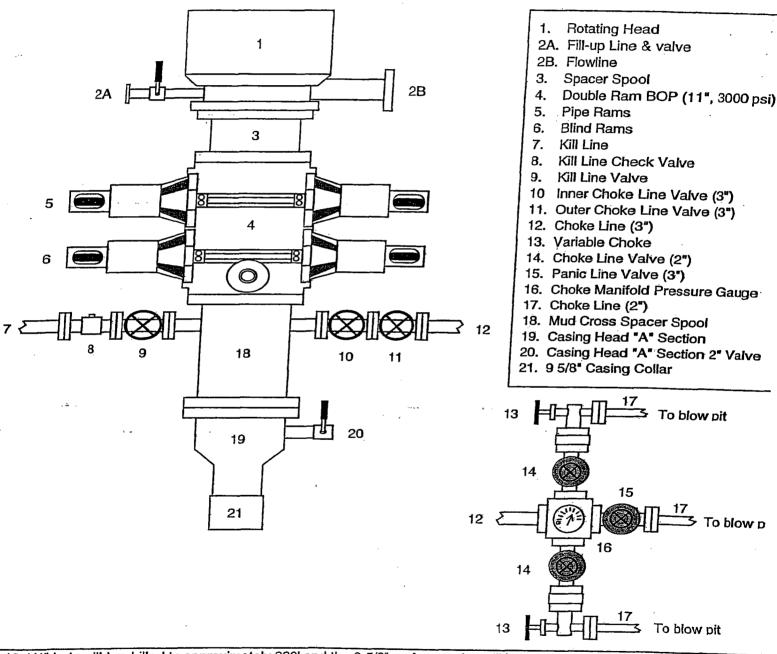
Lease:			Al	E#:WAN	N.CNV.E	219			AFE \$:		
Field Name: 31	Rig: UNSCHEDULED			State: NM County: RIO ARRIBA			ARRIBA	API #:			
Geoscientist: G	Phone:	(832)486-23	32	Prod. E	ngineer:	Mod	ody, Craig E.		Phone: 486-2334		
Res. Engineer: Primary Obje	thy A	Phone:	(832) 486-23	328	Proj. F	eld Lead:	Frar	nsen, Eric E.	ļ	Phone:	
Zone	Zone Name				7						
R20002	MESAVERDE	E(R20002)			7						
R20076	DAKOTA(R20	0076)									
Location: Sur	ace:	Datum Co	de: NAI) 27							Straight Hole
Latitude: 36.84	7900 Longitu	ude: -107.48	1420	(: 0.00		Y: 0.0	0		Section: 5		Range: 6W
Footage X: 122	5 FEL Footag	je Y: 330 FNI	L E	levation: 64	75 ((FT)	Township:	30N	.4		
Tolerance:		.,									
Location Type:	Summer Only	and the Market and Andrew Colonia (All March Street) and the Colonia	Start Da	te (Est.):	A There is a second to the second	Com	pletion Da	ate:	* British Land, make your Published Strong Land	Date In (Operation:
Formation Data	: Assume KB =	= 6491	Units = 1	-T							
ormation Call & asing Points		Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	внт				Remarks	
urface Casing		216	6275				13-1/2" h cement to			opf, H-40, S	TC casing. Circulate
ICMT		1341	5150								
CJAM		2591	3900				Possible water flows.				
RLD		2791	3700								
RLD		3116	3375				Possible gas.				
CCF		3416	3075	ō							
EWS		3616	2875								
ntermediate Ca	sing	3716	2775				8 3/4" Ho surface.	ole. 7	", 20 ppf, J-!	55, STC Cas	ing. Circulate cement to
HRA		4551	1940	Ц							
LFH		5376	1115	Ц			Gas; poss	sibly v	vet		
MENF		5416	1075				Gas.				
TLK		5681	810				Gas.				
INCS		5931	560								
LLP		7026	-535				Gas. Pos				
RHN		7706	-1215				Gas possi	ible, h	ighly fractur	ed	
BBO		7881	-1390				Gas				
iotal Depth		8056	-1565				a minimu	m of	-1/2", 11.6 p 100' inside tl le TDT with	ne previous	TC casing. Circulate cemer casing string. No open hol ce.
Reference We Reference Typ		46 85		Comments							
Logging Prog Intermediate Lo	r am: ogs: Log only	y if show	GR/ILD	Triple	Combo						
		ombo 🔲 D		RFT [

Printed on: 5/8/2006 11:45:59 AM

	Comp. Strength 3 hrs 100 psi 24 hrs 443 psi	Comp. Strength 24 hrs 1850 psi 48 hrs 3411 psi hent he Extender oride nt
	Option 3 407 sx 190.6 bbls 1070.4 cuff 2.63 ft ³ /sx 11.7 ppg 15.92 galfsx Class G Cement + 3% D079 Extender + 0.20% D046 Antifoam + 1.0 lb/bbl CemNet	226 sx Com 226 sx Com 51.5 bbls 24 hrs 289.0 cuft 48 hrs 1.28 ft³/sx 1.28 gal/sx 5.255 gal/sx 50.50 Poz. Class G Cement + 2% D020 Bentonite Extender + 5.0 lb/sx D024 Gilsonite Extender + 2% S001 Calcium Chloride + 0.1% D046 Antifoamer + 0.1% D046 Dispersant + 1.0 lb/bbl CemNet
Comp. Strength rs 250 psi rs 500 psi	Comp. Strength 1.47 hrs 50 psi 12 hrs 350 psi 24 hrs 450 psi	Comp. Strength 2:05 50 psi 4:06 500 psi 12 hrs 1250 psi 24 hrs 500 psi 13:29 1026 psi 24 hrs 2:300 psi nt ucer Additive
Option 2 143 sx Cc 30.8 bbis 6 hrs 172.9 cuft 8 hrs 1.21 ft³(sx 15.6 ppg 5.29 gal/sx Standard Cement + 3% Calcium Chloride + 0.25 lb/sx Flocele	Option 2 412 sx 190.6 bbls 1070.4 cuft 2.60 ft²/sx 24 11.5 ppg 14.62 gal/sx Type III Ashgrove Cement + 30 lb/sx San Juan Poz + 3% Bentonitie + 5.0 lb/sx Phenoseal	217 sx Com 217 sx Com 51.5 bbls 2:05 289.0 cuff 4:06 1:33 ft ³ /sx 12 hrs 13.5 ppg 24hrs 50/50 Poz: Standard Cement + 2% Bentonite + 6.0 lb/sx Phenoseal 145 ft ³ /sx 13.29 13.1 ppg 24 hrs 6.55 gal/sx 50/50 Poz: Standard Cement + 3% Bentonite + 0.2% CFR-3 Friction Reducer + 0.1% HR-5 Retarder
Comp. Strength 6 hrs 250 psi 8 hrs 500 psi psi hloride	Comp Strength 9 hrs 300 psi 48 hrs 525 psi m	Comp. Strength 3:53 500 psi 8:22 1000 psi 24 hrs 3170 psi 48 hrs 5399 psi ement loophane Flakes hiloride Comp. Strength 7 hrs 500 psi 24 hrs 2100 psi 24 hrs 2100 psi ement floophane Flakes nnite Extender ooss
SURFACE: Option 1 148 sx Comp. 30.8 bbls 6 hrs 2: 172.9 cuft 8 hrs 5i 1.17 ft²/sx 15.8 ppg 4.973 gal/sx Class G Cement + 3% S001 Calcium Chloride + 0.25 lb/sx D029 Cellophane Flakes	INTERMEDIATE LEAD: Option 1 348 sx 190.6 bbis 1070.4 cuft 2.72 ft ³ /sx 11.7 ppg 15.74 gal/sx Class G Cement + 3% D079 Extender + 0.20% D046 Antifoam + 10 lb/sx Phenoseal	NTERMEDIATE TAIL.: Option 1
12.25 9.625 9.001 32.3 ppf H.40 125 %	8.75 • 6.456 • 20 ppf J-55 • 150 %	6.25 - 4.5 -
HOLE: CSG OD: CSG ID: WGT: GRADE: EXCESS:		HOLE: CSG OD: CSG ID: WGT: GRADE: EXCESS:

	Comp. Strength 10:56 500 psi 42 hrs 1012 psi ss G.Cement ohane Flakes	
	Option 5 510 sx 190.6 bbls 1070.4 cuft 2.10 ft²/sx 11.7 pg sss 75% Type XI / 25% Class G Cement + 0.25 lb/sx D029 Cellophane Flakes + 3% D079 Extender + 0.20% D046 Antifoam	
	Comp. Strength 1:47 50 psi 12 hrs 350 psi 24 hrs 450 psi der)	
SURFACE:	INTERMEDIATE LEAD: Option 4 372 sx 190.6 bbls 1070.4 cuft 2.88 ft ³ /sx 11.5 ppg 16.85 gal/sx Standard Cement + 3% Econolite (Extender) + 10 lb/sx Phenoseal	PRODUCTION:
12.25 " 9.625 " 9.001 " 32.3 ppf H-40 125 %	8.75 ° 7 7 8.456 ° 20 ppf 1-55 156 % 156 % 3716 •	6.25 * 4.5 * 4 * 11.6 ppf N-80 50 %
HOLE: CSG OD: CSG ID: WGT: GRADE: EXCESS:	HOLE: CSG OD: CSG ID: WGT: GRADE: EXCESS: TAIL: DEPTH:	HOLE: CSG OD: CSG ID: WGT: GRADE: EXCESS:

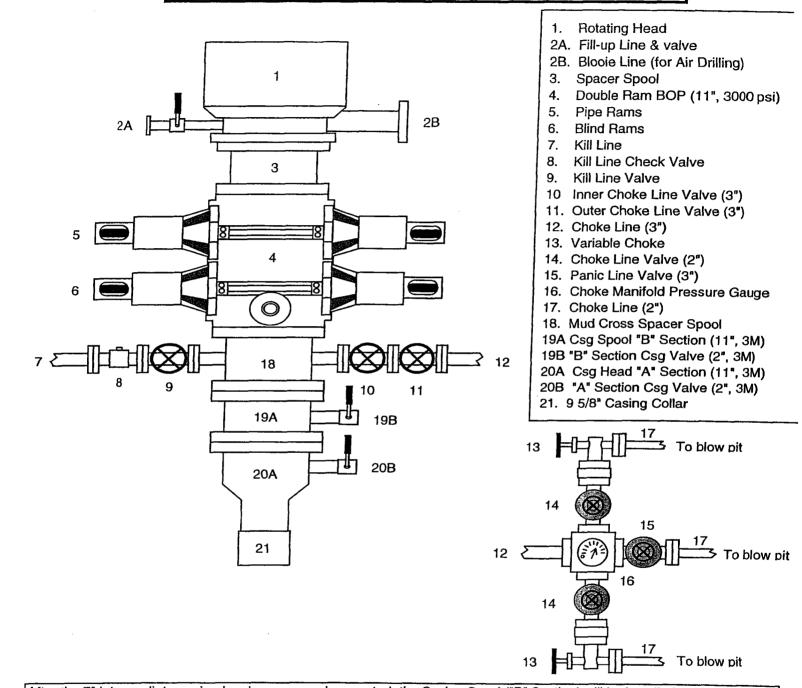
BLOWOUT PREVENTER ARRANGEMENT & PROGRAM For Drilling to Intermediate Casing Point & Setting 7" Intermediate Casing



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 est 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 est) 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 ninutes (this value is one 44% of the minimum internal yield pressure of the 9-5/8" casing). (Note: per regulatory equirements we will wait on cement at least 8 hrs after placement before testing the 9-5/8" surface casing). Then an 8-3/4" ole will be drilled to intermediate casing point and 7" intermediate casing will be run and cemented.

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