UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR REPMIT TO DRILL DEEDEN OR DILLC BACK

1a.	Type of Work	5. Lease Number
	DRILL REGENTED	NMSF-078781 Unit Reporting Number
	070 FARTHOTHE	1
b.	Type of Well GAS	6. If Indian, All. or Tribe
2.	Operator	7. Unit Agreement Name
	ConocoPhillips	
·.	Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499	8. Farm or Lease Name
	10 Doll 1200, ratmington, mas 0,100	9. Well Number
	(505) 326-9700	Bruington LS #3C
.	Location of Well	10. Field, Pool, Wildcat
	Unit B (NWNE), 660' FNL & 1560' FWL,	Blanco Mesaverde
	04540.00	11. Sec., Twn, Rge, Mer. (NMPM)
	Latitude 36° 84649'N	Sec. 6, T30N, R11W
	Longitude 108° 02829'W	API # 30-045- 33988
4.	Distance in Miles from Nearest Town	12. County 13. State
		San Ottali Mr.
5.	Distance from Proposed Location to Nearest Property or Lease 660'	Line
6.	Acres in Lease	17. Acres Assigned to Well
		MV 314.26 - E/2
8.	Distance from Proposed Location to Nearest Well, Drlg, Comp	l, or Applied for on this Lease
19.	Proposed Depth	20. Rotary or Cable Tools
	5026'	Rotary
21.	Elevations (DF, FT, GR, Etc.)	22. Approx. Date Work will Start
	5910 ′ GL	
23.	Proposed Casing and Cementing Program See Operations Plan attached	
	bee operacions rian accaened	,
24.	Authorized by: Actions (lugh	10/5/06
	Sr. Regulatory Analyst	Date
ERM	IT NO. APPROVAL	L DATE
\PPR(OVED BY AMERICAN TITLE AFRI	DATE 18/27/
	7 0	
Archa	eological Report submitted	/

Environmental Assessment was submitted.

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

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. DRILLING OPERATIONS AUTHORIZED ARE



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 875047208830

Form C-102 Revised February 21, 1994 Instructions on back Appropriate District Office

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

___ AMENDED REPORT

RECEIVID

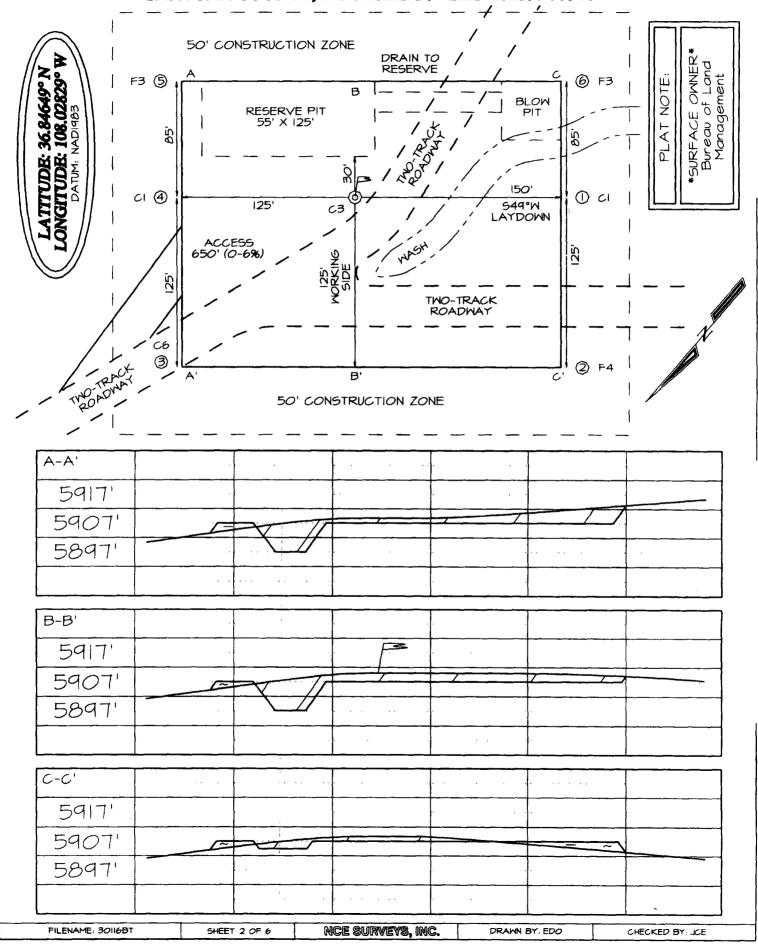
WELL LOCATION AND ACREAGE DEDICATION PLAT

			WELL	LOCA	TION AND A	CREAGE DEDI	ICATION PL	-AT			
'API Number 'Paol Code						³Pool Name					
30-045	3B [72319 BLANCO MESAVERDE									
*Property			*Property Name							Well Number	
3179	9		BRUINGTON LS							3C	
'OGRID No.			*Operator Name							*Elevation	
21781	17		CONOCOPHILLIPS COMPANY						5910		
¹⁰ Surface Location											
UL or lot no.	Section	Township	Plange	Lot Idn	Feet from the	North/South line	Feet from the	East/West line		County	
В	6	30N	11W	9	660	NORTH	1560	EAS	ST	SAN JUAN	
L	¹¹ Bottom Hole Location If Different From Surface										
				Feet from the	North/South line	Feet from the	East/Wes	st line	County		
The Dedicated Acres 314.26 Acres - E/2 Subject or Infill Consolidation Code Code Code Code Code Code Code Code											
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											
15 1331.22 12 . 88 LOT 65 4		128	30.40°		LOT 3	638.02 ⁻	I hereby	certify to herein in	hat the	FICATION information no complete	
			LOT 10			9 1560' 36.84649 N LOT		best of my	knowledg	e and belief	

DATUM: NAD83 8 Virgil E. Chavez Printed Name Projects & Operations Lead Title 86 LOT LOT LOT 300 1298. Date 6 5 11 12 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 LEASE SF-078781 Survey Date: SEPTEMBER 30, 2005 Signature and Seal of Professional Surveyor LOT LOT LOT SEON C. EDWARDS 14 13 6 SEN MEXIC 20 PROPESSIONAL PROPERTY. 2557 LOT LOT LEASE FEE 15 1303.50 2607.00 1381.38 Certificate Number 15269

Submit 3 Copies To Appropriate District	State of New Mexico	Form C-103
Office District 1	Energy, Minerals and Natural Resources	May 27, 2004
1625 N. French Dr., Hobbs, NM 88240	Ellergy, Millerais and Natural Resources	WELL ADINO CO
District II		WELL APT NO. 30-045- 33 988
1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION	5. Indicate Type of Lease
District III	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	Salita 1 C, NIVI 87505	Federal Lease - SF-078781
1220 S. St. Francis Dr., Santa Fe, NM,87505	5	
	S AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
1.	TO DRILL OR TO DEEPEN OR PLUG BACK TO A	
DIFFERENT RESERVOIR. USE "APPLICATION	N FOR PERMIT" (FORM C-101) FOR SUCH	Bruington LS
PROPOSALS.)		8. Well Number
1. Type of Well: Oil Well Gas Well X	Other	#3C
2. Name of Operator	Other	9. OGRID Number
•	oPhillips Company	217817
3. Address of Operator	or manys Company	10. Pool name or Wildcat
•	EET, FARMINGTON, NM 87402	Blanco Mesaverde
4. Well Location	,	
Unit Letter B 6	60' feet from the <u>North</u> line and _	1560' feet from the <u>East</u> line
Section 6	Township 30N Rng 11V	V NMPM County San Juan
11. E	Elevation (Show whether DR, RKB, RT, GR, etc.)	
Pit or Below-grade Tank Application	5910' GL	
	,	
Pit type New Drill Depth to Groundwa	ter >100' Distance from nearest fresh water well	>1000' Distance from nearest surface water >1000'
Pit Liner Thickness: 12	mil Below-Grade Tank: Volume	bbls; Construction Material
12 Check A	appropriate Box to Indicate Nature of No	tice Report or Other Data
,	,	SUBSEQUENT REPORT OF:
NOTICE OF IN		
PERFORM REMEDIAL WORK TEMPORARILY ABANDON	PLUG AND ABANDON REMEDIA CHANGE PLANS COMMEN	AL WORK ALTERING CASING ICE DRILLING OPNS. P AND A
TENTORARILI ADANDON	——————————————————————————————————————	ICE DRILLING OFNS F AND A
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OTHER: New 13. Describe proposed or completed of starting any proposed work). or recompletion. We are constructing Drilling and work November 1, 2004 Guidelines.	Drill X OTHER: d operations. (Clearly state all pertinent details, and SEE RULE 1103. For Multiple Completions: Atta	give pertinent dates, including estimated date ch wellbore diagram of proposed completion CD dated June 2005 and we are closing all pits as per the and belief. I further certify that any pit or below-
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OTHER: New 13. Describe proposed or completed of starting any proposed work). or recompletion. We are constructing Drilling and work November 1, 2004 Guidelines. I hereby certify that the information above grade tank has been/will be constructed or closed SIGNATURE Adday (SIGNATURE)	Drill X OTHER: doperations. (Clearly state all pertinent details, and SEE RULE 1103. For Multiple Completions: Attack Attack	give pertinent dates, including estimated date ch wellbore diagram of proposed completion CD dated June 2005 and we are closing all pits as per the and belief. I further certify that any pit or below or an (attached) alternative OCD-approved plan . Regulatory Specialist DATE 6/29/2006
OTHER: New 13. Describe proposed or completed of starting any proposed work). or recompletion. We are constructing Drilling and work November 1, 2004 Guidelines. I hereby certify that the information above grade tank has been/will be constructed or closed SIGNATURE Type or print name Patsy C	Drill X OTHER: doperations. (Clearly state all pertinent details, and SEE RULE 1103. For Multiple Completions: Attack Attack	give pertinent dates, including estimated date ch wellbore diagram of proposed completion CD dated June 2005 and we are closing all pits as per the and belief. I further certify that any pit or below- or an (attached) alternative OCD-approved plan .
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OTHER: New 13. Describe proposed or completed of starting any proposed work). or recompletion. We are constructing Drilling and work November 1, 2004 Guidelines. I hereby certify that the information above grade tank has been/will be constructed or closed SIGNATURE Type or print name Patsy Construction Patsy Constructed Or State Use Only	Drill A complete to the best of my knowledge A coording to NMOCD guidelines A general permit	give pertinent dates, including estimated date ch wellbore diagram of proposed completion CD dated June 2005 and we are closing all pits as per the and belief. I further certify that any pit or below or an (attached) alternative OCD-approved plan . Regulatory Specialist DATE 6/29/2006 @br-inc.com Telephone No. 505-326-9518
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CONOCOPHILLIPS COMPANY BRUINGTON LS #3C 660' FNL & 1560' FBL, SECTION 6, T30N, R11W, NMPM SAN JUAN COUNTY, NEW MEXICO ELEVATION: 5910'





PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

BRUINGTON LS 3C

Lease:			Δ	AFE #: WAN.CNV.6139					AFE \$:	
Field Name: NEW MEXICO-WEST Richard			INSCHEDULED	2007 RIG	1	State: NM	1 County	: SAN JUAN	API	#:
Geoscientist: Brai	: 832-486-25	92	Prod.	Engineer: P	iotrowicz,	Greg M.	Phone:	+1 832-486-3486		
Res. Engineer: Ha	: 832-486-22	07	Proj.	Field Lead: F	ransen, Er	ic E.	Phone:			
Primary Objecti	ve (Zones):									
Zone	Zone Name		,							
R20002	MESAVERDE(R200	002)								
			:							
Location: Surface	e Datu	m Code: N	AD 27						S	traight Hole
Latitude: 36.84649	90 Longitude: -	108.028290	X:		Y:		Section	on: 6	R	ange: 11W
Footage X: 1560	FEL Footage Y: 6	560 FNL	Elevation: 59	910 ((FT)	Township: 30	ON			
Tolerance:										
Location Type: Ye	ar Round	Start	Date (Est.):		Co	mpletion Date	:	Date In	Operation	on:
Formation Data:	Assume KB = 5926	6 Units =	- FT							
Formation Call & Casing Points		epth SS in Ft) (Ft)	Depletion (Yes/No)	BHP (PSIG)	внт			Remarks	5	
Surface Casing	2	16 5710		<u>- L</u>			. 9 5/8" 3	2.3 ppf, H-40, S	STC casir	g. Circulate cement
MACC	٥	56 5070				to surface. Possible wat	er flows			
KRLD)96 4830	=			1 OSSIDIC Wal	ici novo.			
FRLD		126 380				Possible gas	5.			
PCCF		366 3560	=			_				
LEWS		566 3360	_							
Intermediate Casin	g 26	566 3266				8 3/4" Hole. surface.	7", 20 pp	of, J-55, STC Ca	sing. Ci	rculate cement to
CLFH	4(051 187	5 🔲			Gas.				
MENF	. 41	126 1800				Gas.				
PTLK	46	576 1250				Gas.				
TOTAL DEPTH MV	50	026 900				!!	- £ 4001 !	بيخان بالمناجر المحافة المافان	!	ng. Circulate cement string. No open hole
			_			logs. Cased	hole TDT	with GR to surfa	ace.	
Total Depth	50	026 900				6-1/44 hotes	possibly u LTC=left	nderreamed to uncemented	9:5": O	blonaldiner: 5.5",
Reference Wells:										
Reference Type	Well Name		Comment	S				<u> </u>		
Logging Progra										
Intermediate Logs	2.4	ow □ GR/IL	D 🗀 Triple	Combo						
The medice 2093	Log only if six	J. C. VII.								
TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☑ TDT										
Additional Informa	tion:		···							
Log Tymo	Stage	Erom (E4)	To (EA)		T	T.,		Barra and a		
Log Type	Stage	From (Ft)	To (Ft)		100	Type/Name		Remarks		

Comments: General/Work Description - Lock lease on Dk, BP operates

Printed on: 7/3/2006 11:24:01 AM

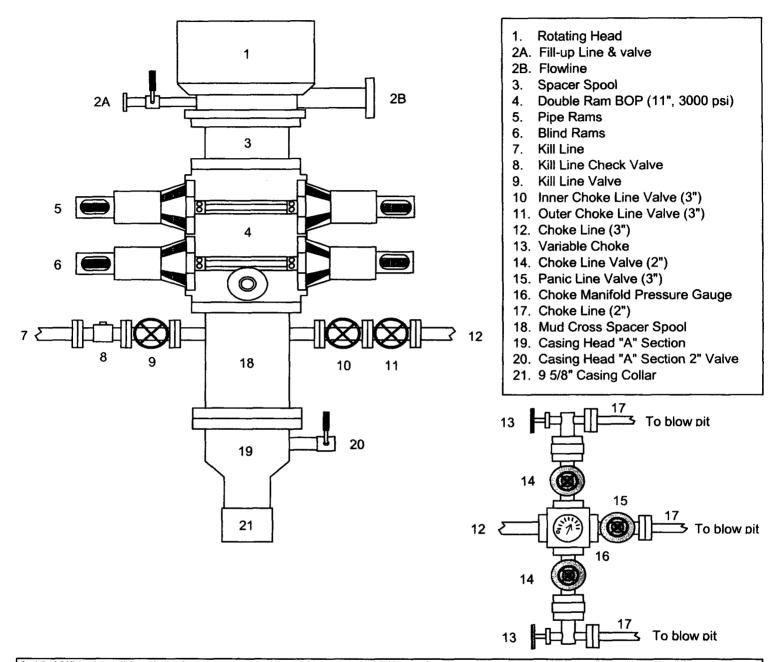
Comp. Strength 8 hrs 475 psi 24 hrs 1375 psi	Comp. Strength 3 hrs 100 psi 24 hrs 443 psi	Comp. Strength 24 hrs 1850 psi 48 hrs 3411 psi nent te Extender oride r nt
Option 3 65 sx 18.6 bbls 104.3 cuft 1.61 ft³/sx 14.5 ppg 7.41 gal/sx Type I-II Ready Mix + 20% Fly Ash	Option 3 287 sx 134.4 bbis 754.6 cuft 2.63 ft²/sx 11.7 ppg 15.92 gal/sx Cläss G Cement + 3% D079 Extender + 0.20% D046 Antifoam + 1.0 lb/bbi CemNet	164 sx Com 37.4 bbls 24 hrs 210 cuft 48 hrs 11.28 ft²/sx 13.5 ppg 5.255 gal/sx 50/59 Poz. Class G Cement + 2% DOZO Bentonite + 5.0 bl/sx DOZO Bentonite + 2% S001 Calcium Chloride + 0.1% DO46 Antifoamer + 0.1% D046 Dispersant + 1.0 lb/bbl CemNet
Comp. Strength 6 hrs 250 psi 8 hrs 500 psi	Comp Strength 1:47 hrs 50 psi 12 hrs 350 psi 24 hrs 450 psi ent	Comp. Strength 2:05 50 psi 4:06 500 psi 12 hrs 1250 psi 24hrs 1350 psi 24hrs 500 psi 12 hrs 500 psi 13:29 1026 psi 24 hrs 2:300 psi ement Reducer Comp. Strength 9:32 50 psi 12 hrs 500 psi 13:29 1026 psi 14:29 psi 24 hrs 2:300 psi 6:00 psi 14:00 psi 15:00 psi 6:00 psi 15:00
Option 2 143 sx 30.8 bbls 172.9 cuff 1.21 ft lsx 15.6 ppg 5.29 gal/sx Standard Cement + 3% Calcium Chloride + 0.25 ls/sx Flocele	Option 2 290 sx 134.4 bbis 754.6 cuft 2.60 ft³/sx 11.5 ppg 14.62 galfsx Type III Ashgrove Cement + 30 lb/sx San Juan Poz + 3% Bentonite + 5.0 lb/sx Phenoseal	Option 2 158 sx Com 37.4 bbls 2:05 210.0 cuft 4:06 1:33 ft/sx 12 hrs 13.5 ppg 24hrs 5.52 gal/sx 50/50 Poz: Standard Cement + 2% Bentionite + 6.0 lb/sx Phenoseal Com 68.9 bbls 9:32 368.8 cuft 12 hrs 1.45 ft²/sx 13.29 131 ppg 24 hrs 50/50 Poz: Standard Cement + 3% Bentionite + 0.2% CFR-3 Friction Reducer + 0.3% Halad-9 Fluid Loss Additive
Comp. Strength 6 hrs 250 psi 8 hrs 500 psi psi Arrange psi hrs 500 psi hrs 500 psi hloride	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 ement clophane Flakes hiloride comp. Strength 7 hrs 500 psi 24 hrs 2100 psi ement comp. Strength 7 hrs 500 psi 24 hrs 2100 psi 24 hrs 100 psi 24 hrs 2100 psi 25 psi 46 psi 47 psi 48 psi
SURFACE:	INTERMEDIATE LEAD:	Option 1 160 sx Comp. 37.4 bbls 3.53 5 21.00 cutn 8.22 1 1.31 ft/sx 24 hrs 3.13.5 ppg 48 hrs 5 5.317 gal/sx 24 hrs 3.47 gal/sx 50/50 Poz. Class G Cement 0.25 lb/sx D020 Gellophane Flakes 4.2% D020 Bentonite 4.1% D020 Bentonite 5 5 5 5 5 5 5 5 5
12.25 " 9.625 " 9.001 " 32.3 ppf H-40 125 %	8.75 " 7 7 7 7 6.456 " 20 ppf J-55 150 % 533.2	6.25 " 4.05 ppf 1.05 ppf 1.55 ppf 5026
HOLE: CSG OD: CSG ID: WGT: GRADE: EXCESS:	HOLE: CSG OD: CSG ID: WGT: GRADE: EXCESS: TAIL: DEPTH:	HOLE: CSG 00: CSG 10: WGT: GRADE: EXCESS: DEPTH:

:

	Comp. Strength 10:56 500 psi 42 hrs 1012 psi iss G Cement ophane Flakes		
	Option 5 359 sx Com 13.4 bbis 10:56 754.6 cuft 2.10 ft²/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 Antifoam		
	Comp. Strength 1:47 50 psi 12 hrs 350 psi 24 hrs 450 psi		
<u>SURFACE:</u>	INTERMEDIATE LEAD: Option 4 262 sx 134 bbis 754 6 cuft 2.88 ft³sx 11.5 ppg 16.85 galfsx Standard Cement + 3% Econolite (Extender) + 10 lb/sx Phenoseal	INTERMEDIATE TAIL:	PRODUCTION:
12.25 " 9.625 " 9.001 " 32.3 ppf H-40 125 %	8.75 " 7 " 6.456 " 20 ppf 1-55	2666	6.25 " 4.5 " 4.052 " 10.5 ppf J-55 50 %
HOLE: CSG OD: CSG ID: WGT: CRADE: EXCESS:	A STORE WAS	TALC: DEPTH:	HOLE: CSG OD: CSG ID: WGT: GRADE: EXCESS:

BLOWOUT PREVENTER ARRANGEMENT & PROGRAM

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



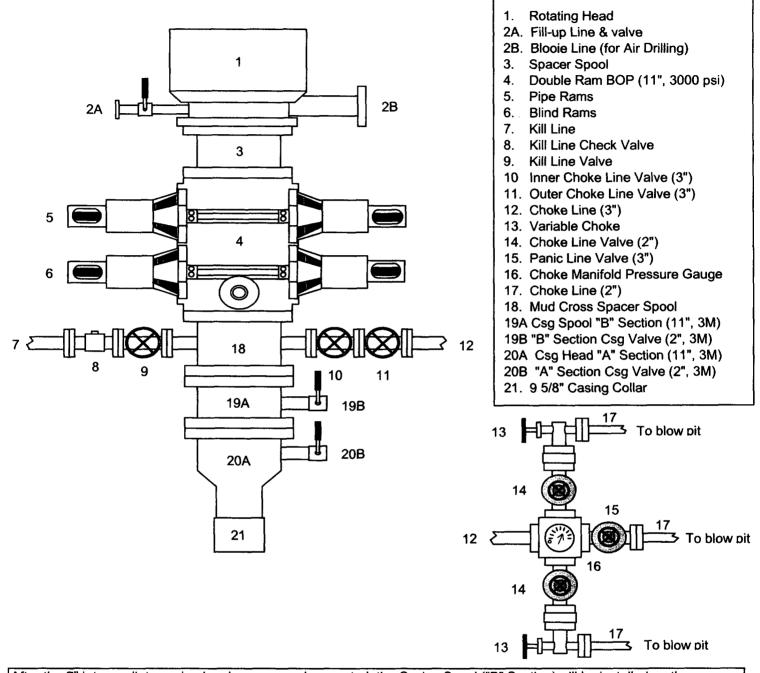
A 12-1/4" hole will be drilled to approximately 220' and the 9-5/8" surface casing will be run and cemented. The Casing Head "A" Section will be screwed onto the 9-5/8" surface casing stub. The BOP will be installed on the Casing Head "A" Section. A test plug will be set in the wellhead and the pipe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