# **UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT**

1a.	Type of Work 2006 NUU 15	5. Lease Number
		Jicarilla Contract #100  Unit Reporting Number
1b.	Type of Well GAS 070 FARM	6. If Indian, All. or Tribe
2.	Operator	7. Unit Agreement Name
	ConocoPhillips	
3.	Address & Phone No. of Operator PO Box 4289, Farmington, NM 8	
j:	(505) 326-9700	9. Well Number #21
4.	Location of Well //70'F14 /590 Unit N (SESW), 1030' NSL, 1865'	/ 10. Field, Pool, Wildcat FWL, Blanco Mesaverde
	Latitude 36° 45302'N Longitude 107° 18803'W	11. Sec., Twn, Rge, Mer. (NMPM)  Sec. 30, T26N, R03W, NMP
	Hongitude 107 10005 W	API# 30-039- 30116
14.	Distance in Miles from Nearest Town	12. County 13. State Rio Arriba NM
15.	Distance from Proposed Location to Nearest 550'	Property or Lease Line
16.	Acres in Lease	17. Acres Assigned to Well 294.24 Ac. W/2
18.	Distance from Proposed Location to Nearest	Well, Drlg, Compl, or Applied for on this Lease
19.	Proposed Depth 6373'	20. Rotary or Cable Tools Rotary
21.	Elevations (DF, FT, GR, Etc.)  7258 GL	22. Approx. Date Work will Start
23.	Proposed Casing and Cementing Program See Operations Plan attached	
24.	Authorized by: Sr. Regulatory Analy	<u>  11 14 06</u> yst Date
PERMI	T NO.	APPROVAL DATE
APPRO	OVED BY Jumbolato TI	TLE Acting AFM DATE 3/14/

1)

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

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.

NMOCD

IN TIME TO WITNESS CSQ & COMENT

# submitted in lieu of Form 3160-5

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RCVD MAR16'07 OIL CONS. DIV. DIST. 3

	Sundry Notices and Reports on Wells		
	200 144 29 PM 2: 35		
	Down Provide	5.	Lease Number
1	RECEIVED	6.	Jicarilla Contract #100 If Indian, All. or
1.	GAS	0.	Tribe Name
	210 FARM THE ARM		1110c Ivanic
		7.	<b>Unit Agreement Name</b>
2.	Name of Operator		
	ConocoPhillips		
		<del></del> 8.	Well Name & Number
3.	Address & Phone No. of Operator		
	DO D. 4000 F ND 4 08 400 (505) 204 0800		Jicarilla D #21
	PO Box 4289, Farmington, NM 87499 (505) 326-9700	9.	API Well No.
-		<del></del>	30-039-30116
4.	Location of Well, Footage, Sec., T, R, M		-
		10.	Field and Pool
			Blanco Mesaverde
U	nit N (SESW), 1170' FSL & 1590' FWL, Section 30, T26N, R3W, NMPM		Dianeo Mesaver de
		11.	County and State
			Rio Arriba Co., NM
12.	CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT Type of Submission  X Notice of Intent Subsequent Report Plugging Casing Repair Final Abandonment Altering Casing Conversion to Injection	X Other - Chan	•
	13. Describe Proposed or Completed Operations  Attached is the revised C-102, Mult-Point Surface Use Plan, Pipeline Plat, Cut and	Fill and directio	ons for the APD filed 11/14/06.
	I. I hereby certify that the foregoing is true and correct.  Rhonda Rogers Title Regu	ılatory Technic	ian Date <u>1/29/07</u>
AP CC Title	his space for Federal or State Office use)  PROVED BY  ONDITION OF APPROVAL, if any:  18 U.S.C. Section 1001, makes it acrime for any person knowingly and willfully to make any department or agency of  United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	Munerals	Date 3/14/07

Oistrict I PO 801 1980, Hobbs. NM 88241-1980

District II PO Drawer DD, Artesia, NM 88211-0719

District III 1000 Rip Brazos Ad., Agtec, NA 87430

015truct IV PO Box 2085, Santa Fe, NM 87504-2086

State of New Mexico Energy, Minerals & Naturel Resources Opportment

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

RCVD MAR16'07

OIL CONS. DIV. WELL LOCATION AND ACREAGE DEDICATION PLAT

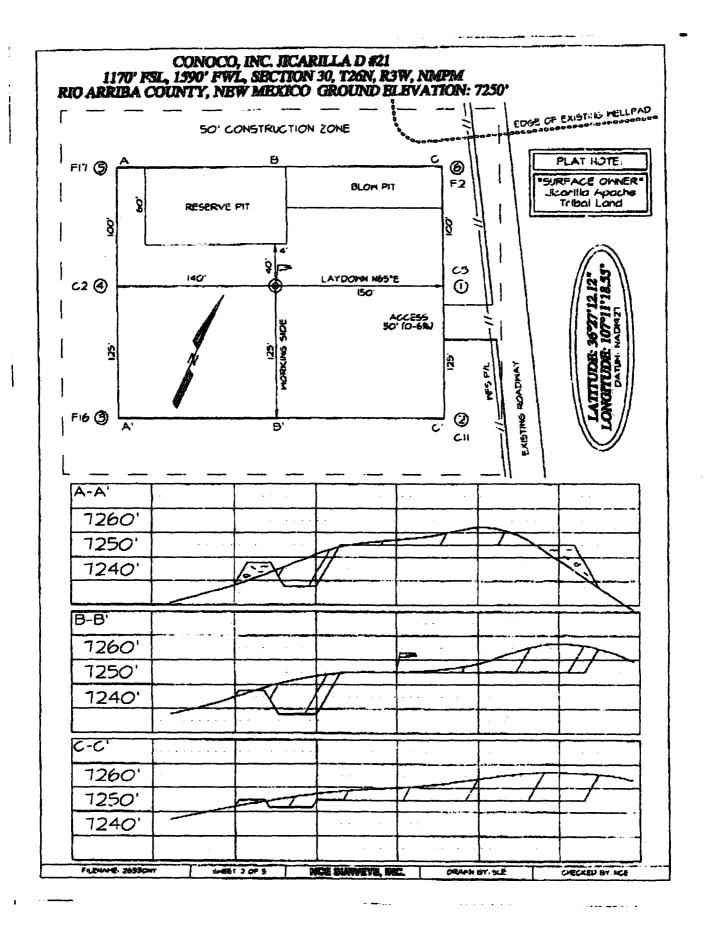
'API Number	*Pool Code	Paol Name	D151.3
30-039 <b>- 36</b>	116 72319 / 71599	BLANCO MESAVERDE / BASIN DAK	OTA
'Property Cope		"Property Name	MESS NUMBER
31763		JICARILLA D	21
'06A30 No.		*Operator Name	Elavation
217817	ConocoPh	nillips Company	7250

\* Surface Location East/Mont live RIO PER HER TH 30 **26N** 34 1170 SOUTH 1590 WEST ARRIBA 11 Bottom Hole Location If Different From Surface Journ or Infall M Consolidation Code 294.24 Acres (W/2)

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

,	MO WELDWADEE	OR A NON-ST	ANDAPO UNIT HAS BEEN APPROVED BY	THE DIVISION
	1097.58	1320.00	2640.00	POPERATOR CERTIFICATION
	LOT 1			Than Perus
. 00	LOT 2	2	00.	Rhonda Rogers  Printed Name Regulatory Technician Title
5280	LOT 3	3	0829	MAY 9. 2001
}	isaci.	o		3
	1540' LOT 4	ØLII		
Ĺ	1117.38	1320.00	2640.001	Certification 5857

Submit 3 Copies To Appropriate District Office	State of New Mexico	Form C-103
District I	Energy, Minerals and Natural Resource	es <u>May 27, 2004</u>
1625 N. French Dr., Hobbs, NM 88240 District II		WELL API NO. 30-039- 30116
1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION	30-037
District III	1220 South St. Francis Dr.	STATE FEE
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 87505	6. State Oil & Gas Lease No. Jicarilla Contract #100
1220 S. St. Francis Dr., Santa Fe, NM 8750: SUNDRY NOTICE	S AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSALS T	O DRILL OR TO DEEPEN OR PLUG BACK TO A	
DIFFERENT RESERVOIR. USE "APPLICATION PROPOSALS.)	N FOR PERMIT" (FORM C-101) FOR SUCH	Jicarilla D
1. Type of Well:		8. Well Number
Oil Well Gas Well X	Other	#21
2. Name of Operator	oPhillips Company	9. OGRID Number 217817
3. Address of Operator	or minps company	10. Pool name or Wildcat
	EET, FARMINGTON, NM 87402	Blanco Mesaverde
4. Well Location Unit Letter N : 10	130 feet from the South line and	1 1865 feet from the West line
Section 30	Township 26N Rng	3W NMPM County Rio Arriba
till. E	Elevation (Show whether DR, RKB, RT, GR, etc.) 7258' GL	
Pit or Below-grade Tank Application	or Closure	
Pit type new drill Depth to Groundwa	ter >100' Distance from nearest fresh water well	, ,
Pit Liner Thickness: 12	mil Below-Grade Tank: Volume	440 bbls; Construction Material Synthetic
12. Check A	ppropriate Box to Indicate Nature of	Notice, Report or Other Data
NOTICE OF IN	• • • • • • • • • • • • • • • • • • • •	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK		EDIAL WORK ALTERING CASING
TEMPORARILY ABANDON PULL OR ALTER CASING		MENCE DRILLING OPNS. P AND A NG/CEMENT JOB
		_
OTHER: new c		
		and give pertinent dates, including estimated date Attach wellbore diagram of proposed completion
or recompletion.		
New Drill, Lined:		,
Company N. W.	1000 and 100	1 and 1 and 2 and
		d a pre-set mud pit (if required). Based on ConocoPhillips' mud pit will be lined pits as detailed in ConocoPhillips'
		e pit will be designed to manage fluids and that portion will
be lined as per the risk ranking criteri	a. ConocoPhillips anticipates closing these pits	according to the November 1, 2004 Guidelines.
	ve is true and complete to the best of my knowled	lge and belief. I further certify that any pit or below-
	ve is true and complete to the best of my knowled according to NMOCD guidelines, a general permit	lge and belief. I further certify that any pit or below-
grade tank has been/will be constructed or close	d according to NMOCD guidelines , a general permit	lge and belief. I further certify that any pit or below- $X$ or an (attached) alternative OCD-approved plan .
SIGNATURE SIGNATURE	d according to NMOCD guidelines, a general permit  TITLES	lge and belief. I further certify that any pit or below-  X or an (attached) alternative OCD-approved plan  r. Regulatory Specialist DATE 10/9/2006
SIGNATURE SIGNATURE	TITLE S  Clugston E-mail address: L.Clugst	lge and belief. I further certify that any pit or below-  X or an (attached) alternative OCD-approved plan  T. Regulatory Specialist  DATE 10/9/2006  ton@conocophillip Telephone No. 505-326-9518
SIGNATURE  Type or print name  Patsy C  For State Use Only	TITLE S  Clugston E-mail address: L.Clugst	Ige and belief. I further certify that any pit or below-  X or an (attached) alternative OCD-approved plan  Gr. Regulatory Specialist  DATE  10/9/2006  100@conocophillip: Telephone No.  505-326-9518  GAS INSPECTOR, DIST.
SIGNATURE  Type or print name  Patsy C	TITLE S  Clugston E-mail address: L.Clugst	lge and belief. I further certify that any pit or below-  X or an (attached) alternative OCD-approved plan  T. Regulatory Specialist  DATE 10/9/2006  ton@conocophillip Telephone No. 505-326-9518



#### TOPSET FRUITLAND COAL Wells: (topset casing above coal to prepare for cavitation/DO/UR)

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 2<sup>rd</sup>, 3<sup>rd</sup>, & 4<sup>th</sup> joints intermediate: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2<sup>rd</sup>, 4<sup>th</sup>, 6<sup>th</sup>, 8<sup>th</sup>, & 10<sup>th</sup> joints

Turbelizers 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

#### CASE & FRAC FRUITLAND COAL Wells: (casing set below coal to prepare for frac completion)

Orilling Mud Program:

Surface: spud mud

Production: fresh water mud with bentonite and polymer as needed

Centralizer Program:

Surface: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2'<sup>nd</sup>, 3'<sup>d</sup>, & 4<sup>th</sup> joints Production: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2'<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup>, 8<sup>th</sup>, &

10" joints

Turbolizers placed one per joint from the top of the Ojo Alamo to the top of the Kirtland Shale

#### **MESA VERDE Wells:**

Dalling Mud Program:

Surface: soud mu

intermediate: fresh water mud with bentonite and polymer as needed

Below Intermediate: air/mist 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 2<sup>nd</sup>, 3<sup>rd</sup>, & 4<sup>th</sup> joints. Intermediate: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup>, 8<sup>th</sup>, & 10<sup>th</sup> joints.

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

### **DAKOTA Wells:**

**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 arched over a stop collar and at the top of the 2<sup>rd</sup>, 3'<sup>d</sup>, & 4<sup>th</sup> joints intermediate: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2<sup>rd</sup>, 4<sup>th</sup>, 6<sup>th</sup>, 8<sup>th</sup>, & 10<sup>th</sup> joints

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



# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

**JICARILLA D 21** 

					FE #: WA	N CNV	5144		AFE \$:
Lease:	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Die		FE #. WA	1.CI1V		Courts DIO ADDIDA	
Field Name: JICAI			Rig:				State: NM	County: RIO ARRIBA	API #: 3003926838
Geoscientist: Brai				: 832-486-259				ntenot, Jessie C	Phone: +1 832-486-3483
Res. Engineer: Ha	50 7 200	ACCOMMISSION OF A COMMISSION ACCORDS	Phone	: 832-486-220	)7	Proj.	Field Lead: Fra	nsen, Eric E.	Phone:
Primary Objecti	ve (Zo	nes):							
Zone	Zone	Name			_				
RON	BLAN	CO MESAVER	DE (PRORA	red gas)					
Location: Surface	e	Datun	i Code: N	AD 27					Straight Hole
Latitude: 36.4530	20	Longitude: -1	07.188030	X:	wf.	Υ:	-	Section: 30	Range: 3W
Footage X: 1865	FWL	Footage Y: 10	30 FSL	Elevation: 72	58	(FT)	Township: 261	1	
Tolerance:		1			<u>.                                    </u>				
Location Type: Ye	ar Rou	ind	Start	Date (Est.):		Co	mpletion Date:	Date In	Operation:
Formation Data:	Assun	me KB = 7274	Units =	: FT					
Formation Call & Casing Points		Dep ''' (TVD i		Depletion (Yes/No)	BHP (PSIG)	внт		Remarks	s
Surface Casing		3261-24	7058	3 🗆				rculation is possible. 9 late cement to surface.	5/8", 32.3 ppf, H-40, STC
NCMT		227	<b>7</b> 4 5000						
MACC		327	'2 400a	2 🔲			Possible wate	r flows	
KRLD/FRLD		360	7 3667	<sup>7</sup> $\square$					
PCCF		387	<b>'</b> 4 3400	_	325	132	Gas; possible	lost circulation	
_EWS		407	<sup>7</sup> 4 3200	_					
CHRA		483	38 2436	_					
CLFH		556	51 1713	3 🔲			Gas; possibly	wet	
MENF		566		³ □			Gas		
PTLK		603		=	575		Gas		
MNCS		628		=					
Total Depth	· • • • • • • • • • • • • • • • • • • •	638	34 890	U	9	173	/ //8" hole; 4 to surface.	1/2", 10.5 ppf, J-55, S	TC casing. Circulate cement
Reference Wells									
Reference Type	Well	Name		Comments					
	3	<u> </u>			V-8-30-4 A <b>1</b> 2-10	<b>V</b> V 1			
Logging Program	laur i eraradi erasabili.	oo only if cha	v 🦳 GR/IL		Combo				
Intermediate Logs	· L '	Log only il snov	A C GK/II	. П тпріє	COIIIDO				
TD Logs:	1	Triple Combo	Dipmete	r 🔲 RFT 🗀	] Sonic [	□ vs	P <b>☑</b> TDT		
Additional Informa	ation:							······································	
Log Type	Stag	е	From (Ft)	To (Ft)		Too	Type/Name	Remarks	
Caramanta, Larati	n=/Ton	/	antian ralati		and a land	F DCC	CL 0 1/0	are ectimates for staking	TOTIL

Zones - MV Single Only. A location. Pending performance of Jicarilla B2A MV completion (Drilled in 2000). This is a BLM

Printed on: 10/9/2006 10:19:39 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 mt Extender ide
65 sx 18.6 bbls 104.3 cuft 1.61 ft/sx 14.5 ppg 7.41 gal/sx Type i-II Ready Mix + 20% Fly Ash	Option 3  662 sx 310.2 bbls 1741.8 cuft 2.63 ft <sup>3</sup> /sx 11.7 ppg 15.92 gal/sx Class G Cement + 3% D079 Extender + 0.20% D046 Antifoam + 1.0 lb/bbl CemNet	Option 3  344 sx Com 344 sx Com 78.4 bbls 24 hrs 44.0. cuft 48 hrs 1.28 ft <sup>3</sup> /sx 13.5 ppg 5.255 gal/sx 50/50 Poz: Class G Cement + 2% DO20 Bentonite + 2% S001 Calcium Chloride + 0.1% D046 Antifoamer + 0.1% D046 Antifoamer + 0.1% D055 Dispersant + 1.0 ib/bbl CemNet
Comp. Strength 6 hrs 250 psi 8 hrs 500 psi	Comp. Strength 1:47 hrs 50 psi 12 hrs 360 psi 24 hrs 450 psi nt	Comp. Strength 2:05 50 psi 4:06 500 psi 12 hrs 1250 psi 24hrs 1819 psi nent
Option 2  114 sx 24.6 bbls 138.0 cuft 1.21 ft <sup>3</sup> /sx 15.6 ppg 5.29 gal/sx Standard Cement + 3% Calcium Chloride + 0.25 lb/sx Flocele	Option 2 670 sx 310.2 bbls 1741.8 cuft 2.60 ft/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  331 sx 331 sx 331 sx 331 sx 78.4 bbis 240.0 cuft 1.33 ft/sx 1.3 ppg 5.52 gal/sx 50/50 Poz: Standard Cement + 2% Bentionite + 6.0 lb/sx Phenoseal
Comp. Strength 6 hrs 250 psi 8 hrs 500 psi psi oride	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 eent hane Flakes oride
SURFACE:  Option 1  118 sx  Comp. 24.6 bbls 6 hrs 2  138.0 cuft 8 hrs 5  1.17 ft³/sx 15.8 ppg 4.373 gal/sx Class G Cement + 3% S001 Calcium Chloride + 0.25 lb/sx D029 Cellophane Flakes	PRODUCTION LEAD:	Option 1  336 sx Comp. 336 sx Comp. 784 bbis 3:53 5 440.0 cuft 8:22 1 1.31 ft²/sx 24 hrs 3 13.5 ppg 48 hrs 5 5.317 gal/sx 50/50 Poz: Class G Cement + 0.25 lb/sx D029 Cellophane Flakes + 3% S001 Calcium Chloride + 2% D020 Bentonite + 1.5 lb/sx D024 Gilsonite Extender + 0.1% D046 Antifoamer + 6 lb/sx Phenoseal
12.25 • 9.625 • 9.625 • 9.001 • 32.3 ppf H-40 125 %	7.875 * 4.55 * 4.65 * 10.5 ppt J-55 ppt 1277]	
HOLE: CSG OD: CSG ID: WGT: GRADE: EXCESS:	HOLE: CSG OD: CSG ID: WGT: GRADE: EXCESS: TAIL: DEPTH:	

SURFACE

12.25 • 9.625 • 9.001 <sup>4</sup> 32.3 ppf H-40 125 %

HOLE: CSG OD: CSG ID: WGT: GRADE: EXCESS:

DEPTH:

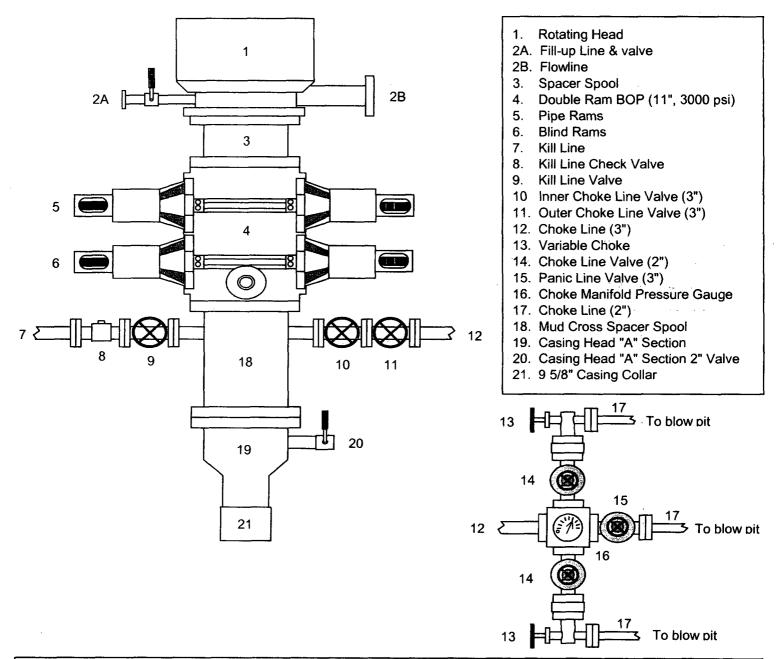
建	-					
			INTERMEDIATE LEAD:			
			Option 4		Option 5	
				Comp. Strength	829 sx	Comp. Strength
				1:47 50 psi	310.2 bbls	10:56 500 psi
				12 hrs 350 psi	1741.8 cuft	42 hrs 1012 psi
	HOLE	7.875		24 hrs 450 psi	2.10 ft <sup>3</sup> /sx	•
Ţī.	CSG OD:	4.5		•	11.7 ppg	
	CSG ID:	4.052	16.85 gal/sx		11.724 gal/sx	
	WGT:	10.5 ppf	Standard Cement		75% Type XI / 25%	Class G Cement
5	GRADE:	J-55	+ 3% Econolite (Extender)		+ 0.25 lb/sx D029 C	ellophane Flakes
	EXCESS:	20 %	+ 10 lb/sx Phenoseal		+ 3% D079 Extender	
					+ 0.20% D046 Antifoam	oam
Ť	TAIL:	1277				
	DEPTH:	6384				

INTERMEDIATE TAIL:



## 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