UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

a.	Type of Work		5. Lease Number			
	DRILL	RECEIVED	SF-080854			
		OTO FARMINGTON HIM	Unit Reporting Number			
) .	Type of Well GAS	O 1 O 1 MATERIAL OF STATE	6. If Indian, All. or Tribe			
•	Operator		7. Unit Agreement Name			
	ConocoPhilli	ps	San Juan 32-8 Unit			
	Address & Phon	e No. of Operator	8. Farm or Lease Name			
	PO Box 42	89, Farmington, NM 87499				
	(505) 326	-9700	9. Well Number #30A			
			40 Field Perk Mills			
•	Surf Unit O Bott	(SWSE), 740' FSL & 1615' FEL,	10. Field, Pool, Wildcat Blanco MesaVerde			
	Latitude 36	o 53′ 31.00000″ N	11. Sec., Twn, Rge, Mer. (NMPM)			
	Longitude 1	07° 38′30.45000″₩	Sec. 14 T31N, R08W, NMPM			
	-		API# 30-045- 3			
4.	Distance in Mile	s from Nearest Town	12. County 13. Stat			
	13 miles	to Navajo Dam	San Juan NM			
 5.	Distance from D	reasond Logation to Negroot Property or Logar Line	DRILLING OPERATIONS AUTHORIZED AR SUBJECT TO COMPLIANCE WITH ATTACK			
Э.	740'	roposed Location to Nearest Property or Lease Line	"GENERAL REQUIREMENTS".			
6.	Acres in Lease	This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	17. Acres Assigned to Well 320 acres E/2			
В.	Distance from P	roposed Location to Nearest Well, Drlg, Compl, or	Applied for on this Lease			
9.	Proposed Depth		20. Rotary or Cable Tools			
	6101'		Rotary			
1.	Elevations (DF, 6575' GL	FT, GR, Etc.)	22. Approx. Date Work will Star			
3.		g and Cementing Program tions Plan attached				
4.	Authorized by:	Regulatory Assistant	11/13/06 Date			
PERMIT	NO.	APPROVAL DA	TF			
	VED BY	un bold TITLE Acting f	DATE (3/6			
	,	<u> </u>	M			

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 & 18/07

3/4

This is not an HPA well

District !

1825 N. French Dr., Hoobs, NM 88240

District II

1201 W. Grand Avenue, Ariesia, NM 83210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

1220 South St. Francis Dr. Santa Fe, NM 87505 Fee Lease - 3 Copies State Lease - 7 Copies

Submit to Appropriate District Office

Revised June 10, 2003

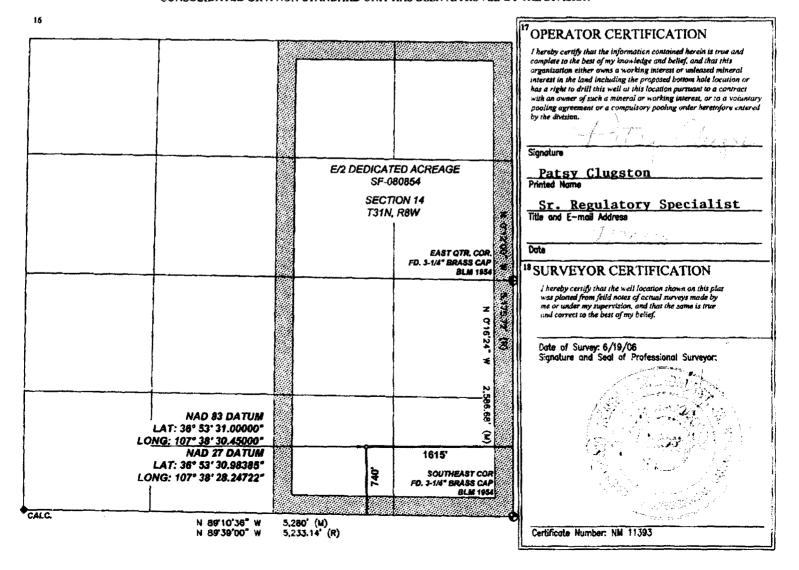
Form C-102

2006 NOV 13 PM 5 01

☐ AMMENDED REPORT

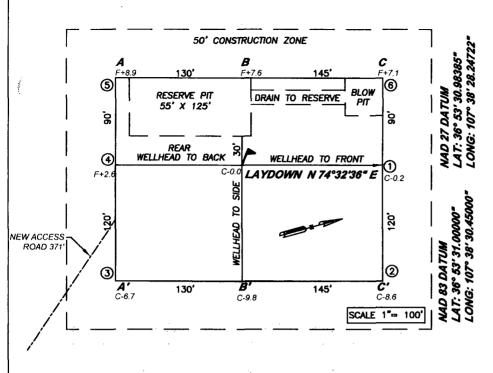
			WEI	LL LOCA	ATION AND	ACREAGE DE	EDICATION PI	ED AT	ROD IN
30-045	57		Pool Code 72319						
4 Property Con					⁶ Well Number 30A				
7 OGRID No. 8					8 Operati CONOCOPHIL	tor Name LLIPS COMPANY			⁹ Elevation 6,575.1'
					10 SURFACE	LOCATION			
UL or lot no.	Section 14	Township Range Lot Idn Feet from the North/South line Feet from the East/West line 31-N 8-W 740 SOUTH 1615 EAST				East/West line EAST	County SAN JUAN		
	•		11 E	ottom H	ole Location	If Different Fro	m Surface		,
UL or lot no. O	Section	Cownship	Range		Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	13 Joint	or Infill	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 Office	State of New Mexico	Form C-103
District I	Energy, Minerals and Natural Resources	May 27, 2004
1625 N. French Dr., Hobbs, NM 88240		WELL API NO. 24057
District II 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		SF-080854
1220 S. St. Francis Dr., Santa Fe, NM 875	CES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
1	TO DRILL OR TO DEEPEN OR PLUG BACK TO A	2 Lease (value of othe rigidentes)
DIFFERENT RESERVOIR. USE "APPLICATION DE COMPONENTE DE COM	ON FOR PERMIT" (FORM C-101) FOR SUCH	San Juan 32-8 Unit
PROPOSALS.) 1. Type of Well:		8. Well Number
Oil Well Gas Well X	Other	30A
2. Name of Operator		9. OGRID Number
BURLINGTON RESO 3. Address of Operator	DURCES OIL & GAS COMPANY LP	10. Pool name or Wildcat
	REET, FARMINGTON, NM 87402	Bianco Mesa Verde
4. Well Location		
Unit Letter O :	740 feet from the South line and Township 31N Range 8V	1615 feet from the East line
Section 14	Township 31N Range 8V Elevation (Show whether DR, RKB, RT, GR, etc.)	V NMPM County San Juan
	6575' GL	
Pit or Below-grade Tank Application	X or Closure	> 200
Pit type New Drill Depth to Groundy		>1000' Distance from nearest surface water <1000'
Pit Liner Thickness: n/a	mil Below-Grade Tank: Volume	bbls; Construction Material
12. Check	Appropriate Box to Indicate Nature of No	otice, Report or Other Data
	NTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK		AL WORK ALTERING CASING
TEMPORARILY ABANDON PULL OR ALTER CASING		NCE DRILLING OPNS. P AND A CEMENT JOB
	Drill Pit X OTHER:	<u> </u>
	ed operations. (Clearly state all pertinent details, and). SEE RULE 1103. For Multiple Completions: Atta	
or recompletion.	,. SEE RODE 1103. 101 Multiple Completions. Atta	ten wendore diagram of proposed completion
New Drill, Lined:		
		pre-set mud pit (if required). Based on ConocoPhillips'
	k ranking criteria, the new drilling pit and pre-set much	it will be fined pits as detailed in ConocoPhillips' it will be designed to manage fluids and that portion will
	ria. ConocoPhillips anticipates closing these pits acc	• • • • • • • • • • • • • • • • • • • •
5 5 1110 and per 1110 1110 1110 1110 1110 1110 1110 11	····· conserve much much processing winds from 200	
	ove is true and complete to the best of my knowledge	
grade tank has been/will be constructed or clos	sed according to NMOCD guidelines, a general permit	X or an (attached) alternative OCD-approved plan .
SIGNATURE Haccy 1	Tourse by o TITLE Re	gulatory Assistant DATE 10/6/2006
Type or print name Tracey	N. Monroe E-mail address: tmonroe	<u>@br-inc.com</u> Telephone No. 505-326-9752
For State Use Only	2-man address. anomoe	<u>@br-inc.com</u> Telephone No. 505-326-9752
	/k - month on a	EAS MICROSON
APPPROVED BY	TITLE TITLE	GAS INSPECTOR, DIST. S. DATEJAN 0 8 2007

APPPROVED BY
Conditions of Approval (if any):



NOTE: CCI IS NOT LIABLE FOR UNDERGROUND UTILITIES

CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR

CABLES ON WELL PAD AND OR ACCESS ROAD PRIOR TO

CONSTRUCTION.

CONOCOPHILLIPS COMPANY

SAN JUAN 32-8 30A 740' FSL, 1615' FEL SECTION 14, T31N, R8W, SAN JUAN COUNTY, NEW MEXICO ELEV.: 6,575.1' NADV88

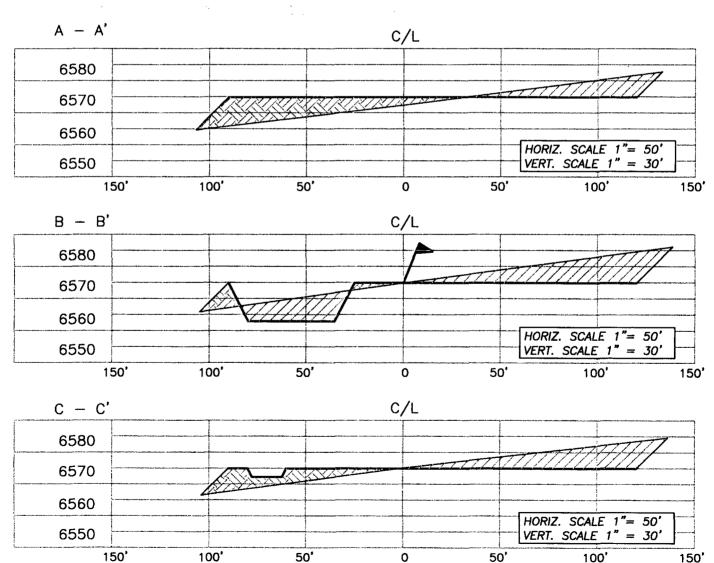
1300 W. BROADWAY

PHONE: (505)632-7777

CHENAULT CONSULTING INC.

CCI

BLOOMFIELD.NM, 87413



REVISIONS

REVISED BY

DATE

DESCRIPTION

NO.



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 32-8 30A

Lease:				A	FE #: WAN.	CNV.	7126			AFE	s :
Field Name: 32-8			Rig:		<u> </u>		State:	NM	County: SAN JUAN	API	
			832-486-259	92 P	rod I	Engineer:		crowicz, Greg M.		+1 832-486-3486	
				832-486-227					nsen, Eric E.	Phone:	
Primary Objec	C 10 St 10 10 10 10 10 10 10 10 10 10 10 10 10	PROFESCOLORS AND GOLD TO PROPERTY	r none.			10). 1	icia ccaa.			n none.	
Zone	Zone I				<u> </u>		25522 2752 T. 7. 7420	<u>chalosea C</u>			
R20002				7							
Location: Surfa		Datum Coo	Ha∵NIA	D 27							Straight Hole
	<u>SCOOMERSONS</u>	April and Albert Art Art of the Albert Art Art Art Art Art Art Art Art Art A	SERVER OF THE PROPERTY.	4.5 Processor 2012		**/******** •		KATEST.	Continue 14	V septimination with	2882830.0.0.88885 288 AC. 1885 - 12 F. L. E.
Latitude: 36.891		ongitude: -107.64		X:	Y			2411	Section: 14	<u> </u>	Range: 8W
Footage X: 161	5 FEL F	Footage Y: 740 FSL	<u>. l</u>	Elevation: 65	75 (F	1)	Township	3111			
Tolerance:	· · · · ·										
Location Type: Summer Only Start			Start D	ate (Est.):		Con	ompletion Date: Date In Operation:				
Formation Data:	Assum	e KB = 6591	Units =	FT							
Formation Call & Casing Points		Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT			Rema	rks	
SURFACE CSG		213	6378				12-1/4 h		9 5/8" 32.3 ppf, H-40	, STC casi	ng. Circulate cement
NCMT		951	5640								
MALC		2680	3911				Possible	water	flows.		
KRLD		2831	3760								
FRLD		3185	3406				Possible	gas.			
PCCF		3450	3141								
LEWS		3595	2996								
Intermediate Cas	ing	3695	2896				8 3/4" H surface.	ole. 7	7", 20 ppf, J-55, STC	Casing. C	irculate cement to
HURF		4295	2296								
CHRA		4430	2161								
UCLFH		5075	1516								
CLFH		5375	1216				Gas; pos	sibly 1	wet		
MENF		5444	1147				Gas.				
PTLK		5751	840				Gas.				
TD		6101	490								
Reference We	3 6 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6										
Peference Type	I Wall N	ame		Commente	,						

14-31N-8W-SW, KB = 6656

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SJ 32-8 23

Intermediate



PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 32-8 30A

	Colores de la co	if show GR/ILD		ibo		
TD Logs:	Triple Co	ombo 🗌 Dipmeter	RFT So	onic 🗌 VSP 🔲 TDT 🗹 Ot	her	
Additional Infor	<u> </u>	From (Ft)	To (Ft)	Tool Type/Name	Remarks	

Comments:

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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	Cement e sonite Extender Chloride amer ersant	
Option 3 37 sx 10.6 bbls 59.3 cuft 1.61 ft ³ /sx 14.5 ppg 7.41 gal/sx Type I-II Ready Mix + 20% Fly Ash	Option 3 251 sx 117.7 bbis 660.7 cuft 2.63 ft/sx 11.7 ppg 15.92 gal/sx Class G Cement + 3% D079 Extender + 0.20% D046 Antifoan; + 1.0 lb/bbi CemNet	Option 3 138 sx 31.4 bbls 176.3 cuft 1.28 ft ² /sx	13.5 ppg 5.255 gal/sx 50/50 Poz: Class G Cement + 2% D020 Bentonite + 5.0 tb/sx D024 Gilsonite Extender + 2% S001 Calcium Chloride + 0.1% D046 Antifoamer + 0.1% D050 Dispersant + 1.0 tb/bbl CemNet	
Comp. Strength 6 trs 250 psi 8 trs 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	1819	Comp. Strength 9:32 50 psi 12 hrs 500 psi 13:29 1026 psi 24 hrs 2300 psi on Reducer lar d Loss Additive
Option 2 96 sx 20.7 bbls 116.3 cuft 121 ft ² sx 15.6 ppg 5.29 galfsx Standard Cement + 3% Calcium Chloride + 0.25 lb/sx Flocele	Option 2 254 sx 117.7 bbls 660.7 cuft 2.60 ft²/sx 11.5 ppg 14.62 gal/sx 7ype III Ashgrove Cement + 30 lb/sx San Juan Poz + 3% Bentonite + 5.0 lb/sx Phenoseal	Option 2 133 sx 31.4 bbls 176.3 cuft	1.33 ff/sx 1.3.5 ppg 2.4 5.5.2 gal/sx 5.0/50 Poz. Standard Cement + 2% Bentonite + 6.0 lb/sx Phenoseal	Option 2 238 sx 238 sx 61.3 bbls 61.3 bbls 12 hrs 14.4 cuft 13.29 13.1 ppg 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 psi psi psi	Comp. Strength 9 hrs 300 psi 48 hrs 525 psi m	Comp. Strength 3:53 500 psi 8:22 1000 psi	hrs 3170 hrs 5399 Flakes ender	Option: Comp. Strength Comp. Strength Case st. 239 st. 7 hrs. 500 psi 344.4 cuft 1.44 ft ³ sx 1.44 ft ³ sx 1.30 psg 6.47 gal/sx 50/50 Poz. Class G Cement + 0.25 lb/sx D029 Cellophane Flakes + 3% D020 Bentonite 1.01 lb/sx D024 Gilsonite Extender + 1.01 lb/sx D024 Gilsonite Extender + 0.25% D167 Fluid Loss + 0.25% D167 Fluid Loss + 0.25% D065 Dispersant + 0.1% D800 Retarder + 0.1% D800 Retarder + 1.15 lb/sx Phenoseal
SURFACE: Option 1 99 sx 6 hrs 25/ 20 7 bbls 6 hrs 25/ 116.3 cuft 8 hrs 50 117 ft ² /sx 15.8 pp9 4.973 gal/sx Class G Cement + 3% S001 Calcium Chloride + 0.25 lb/sx D029 Cellophane Flakes	INTERMEDIATE LEAD: 243 sx 1473 bbls 660.7 cuft 2.72 ft ³ lsx 117 ppg 15.74 gallsx Class G Cement + 3% D079 Extender + 0.20% D046 Antiform + 10 lb/sx Phenoseal	INTERMEDIATE TAIL: Option 1 135 sx 314 bbis		PRODUC
12.25 " 9 625	8.75 " 6.456 " 20 ppf 1-55 50 %	3695		10.5 ppf 10.5 ppf 1-55 30 %
HOLE: CSG OD: CSG IO: WGG: GRADE: EXCESS:	HOLE: CSG 0D: CSG 1D: WGT: GRADE: EXCESS.	DEPTH:	HOLE: CSG OD:	CSG ID: WGT: GRADE: EXCESS DEPTH:

12 -

	Option 5 315 sx Comp. Strength 1177 bbls 10.56 500 psi 660.7 cuft 42 hrs 1012 psi	k % Class G Cement 9 O Cellophane Flakes nder ntifram		
	Comp. Strength 1:47 50 psi 12 lirs 350 psi	24 hrs 450		
<u>SURFACE:</u>	INTERMEDIATE LEAD: Option 4 229 sx 117.7 bbis 660.7 cuft	2.88 ft ³ /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-40 200 %		8.75 " 7 " 6.456 " 20 ppf J-55 50 %	3695	6.25 " 4.5 " 4.052 " 10.5 ppf J-55 30 %
HOLE: CSG OD: CSG ID: WGT: CRADE: EXCESS:	338		DEPTH:	HOLE: CSG OD: CSG ID: WGT: GRADE: EXCESS:

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 2nd, 3rd, & 4th joints Intermediate: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2nd, 4th, 6th, 8th, 8th, 8, 8th, 8, 8th, 8th,

Turbolizers 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)

Drilling Mud Program:

Surface: spud mud

Production: fresh water mud with bentonite and polymer as needed

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

10th joints

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

MESA VERDE Wells:

Drilling Mud Program:

Surface: spud mud

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 2nd, 3rd, & 4th joints Intermediate: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2nd, 4th, 6th, 8th, &

10th joints

Turbolizers 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

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

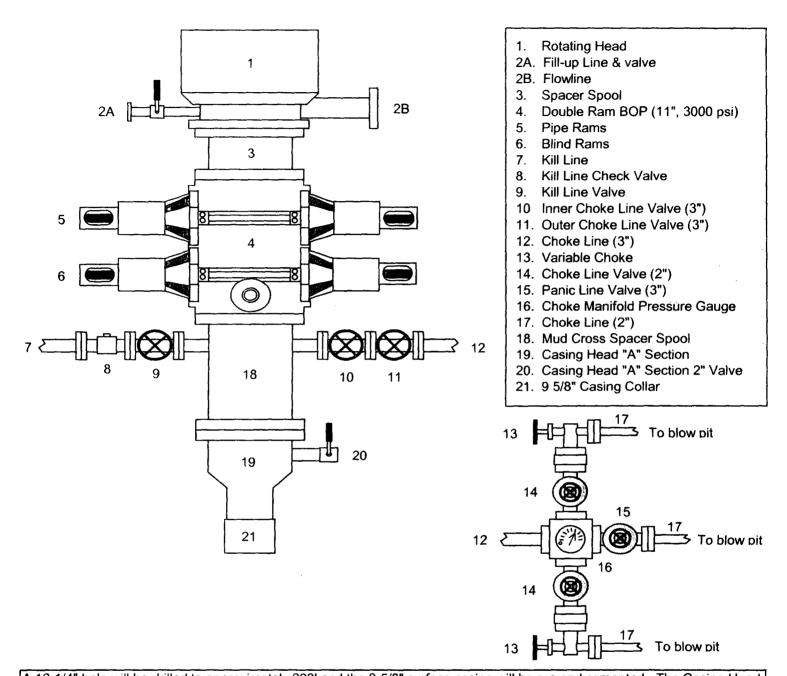
Centralizer Program:

Surface: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2nd, 3rd, & 4th joints Intermediate: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2nd, 4th, 6th, 8th, & 10th joints

Turbolizers 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

BLOWOUT PREVENTER ARRANGEMENT & PROGRAM

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

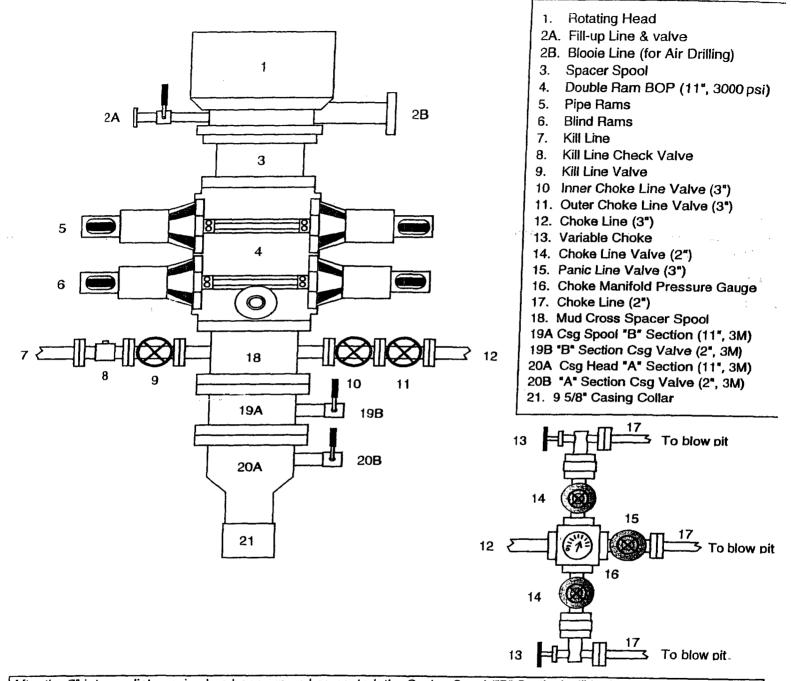


A 12-1/4" hole will be drilled to approximately 220' and the 9-5/8" surface casing will be run and cemented. The Casing Head "A" Section will be screwed onto the 9-5/8" surface casing stub. The BOP will be installed on the Casing Head "A" Section. A test plug will be set in the wellhead and the pipe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