OTL CONS. DIV.

DIST. 3

Form 3160-3 (February 2005)

RECEIVED

FORM APPROVED

OMB No 1004-0137 Expires March 31, 2007

UNITED STATES					Expires
MENT OF THE INTERIOR	JAN 1	5	2008	5.	Lease Serial No

DEPARTMENT OF THE I BUREAU OF LAND MAN		2000	5. Lease Serial No. NMNM 00301	6		
APPLICATION FOR PERMIT TO	Bureau of Land M	anagem	If Indian, Allotee	or Tribe Name		
			N/A			
la Type of work DRILL REENTE		7 If Unit or CA Agreement, Name and No N/A				
lb. Type of Well	Single Zone Multip	ole Zone	8 Lease Name and HUERFANO	Cout #313		
2. Name of Operator XTO Energy, Inc.			9. API Well No 30-045- 31	1566		
3a Address 382 CR 3100	3b. Phone No. (include area code)		10. Field and Pool, or I	Exploratory		
AZTEC, NM 87410	505-333-3100		BASIN DK/W	C BASIN MC		
4 Location of Well Report location clearly and in accordance with any	State requirements *)		11 Sec., T. R. M or B	lk. and Survey or Area		
At surface 1950' FNL x 1940' FWL						
At proposed prod. zone same			(F) SEC 11, T2	15N, R9W		
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State		
Approximately 24 miles Souteast of Bloomfield, NM post	office		San Juan	NM		
15. Distance from proposed* location to nearest property or lease line, ft.	16. No. of acres in lease	17 Spacir	ng Unit dedicated to this v	vell		
(Also to nearest drig unit line, if any) 1940'	1280	W/2 1	DK 320 - NW/4 MC 160			
18. Distance from proposed location*	19. Proposed Depth	20. BLM/	BIA Bond No. on file			
to nearest well, drilling, completed, applied for, on this lease, ft.	6800'	итв-	000138	D0138		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will star	rt*	23. Estimated duration			
6534' GROUND ELEVATION	03/10/2008	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2 weeks			
	24. Attachments					
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, must be a	ttached to th	is form:	****		
 Well plat certified by a registered surveyor. A Drilling Plan 	4 Bond to cover the litem 20 above)	he operatio	ns unless covered by an	existing bond on file (see		
3. A Surface Use Plan (if the location is on National Forest System)	· · · · · · · · · · · · · · · · · · ·	ation				
SUPO must be filed with the appropriate Forest Service Office)			ormation and/or plans as	may be required by the		
25. Signature	Name (Printed/Typed)			Date		
tyla Vulghan	Kyla Vaughan			01/14/2008		
Title Regulatory Compliance						
Approved by (Signature)	Name (Printed/Typed)			Date 5 5 0 5		
Title AFM	Office 4)				
Application approval does not warrant or certify that the applicant holds	s legal or equitable title to those righ	ts in the sub	ject lease which would e	ntitle the applicant to		
conduct operations thereon. Conditions of approval, if any, are attached						

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 representations as to any matter within its jurisdiction.

*(Instructions on page 2)

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER **AUTHORIZATION REQUIRED FOR OPERATIONS** ON FEDERAL AND INDIAN LANDS

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

MAY 0 8 2008

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





SEE ATTACHED FOR

CONDITIONS OF APPROVAL

DISTRICT I 1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II 1301 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410

State of New Mexico Energy, Minerals & Natural Resources Department

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

JAN 1 5 2008

Form C-102 Revised October 12, 2005 OIL CONSERVATION DIVISION C I Submit to Appropriate District Office

Fee Lease - 3 Copies

Bureau of Land Management [] AMENDED REPORT

1220 South St. Francis Dr., Santa Fe, NM 87505 WELL LOCATION AND ACREAGE DEDICATION PLAT ²Pool Code Rool Name 30-045-34561 1599 Well Number 36992 HUERFANO NA 313 *Operator Name ⁹ Elevation XTO ENERGY INC. 6534' ¹⁰ Surface Location Feet from the North/South line Feet from the UL or lot no. Section Township Range Lot Idn East/West line County F 11 25-N 9-W 1950 NORTH 1940 WEST SAN JUAN ¹¹ Bottom Hole Location If Different From Surface Feet from the North/South line Feet from the Ul or lot no. Section Township East/West line County 15 Order No. ¹³ Joint or Infill 14 Consolidation Code ¹² Dedicated Acres 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 FD. 2 1/2" BC. N 89 59-52 E OPERATOR CERTIFICATION FD. 2 1/2" BC. 2620.4Q' (M) 1947 GLO I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hale location or has a right to drill this well at this location pursuant to a ₹ contract with an owner of such a mineral or working 8 interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the 00-00 2644,20 LAT: 36.41756 N. (NAD 83) LONG: 107.76103 W. (NAD 83) S LAT: 36°25'03.2" N. (NAD 27) LONG: 107°45'37.5" W. (NAD 27) 940 FD. 2 1/2 BC SURVEYOR CERTIFICATION 1947 GLO 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. MARCH Date of S Certificate Number

DISTRICT I 1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II 1301 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

220 South St. Francis Dr Santa Fe, NM 87505 Form C-102 Revised October 12, 2005 Submit to Appropriate District Office

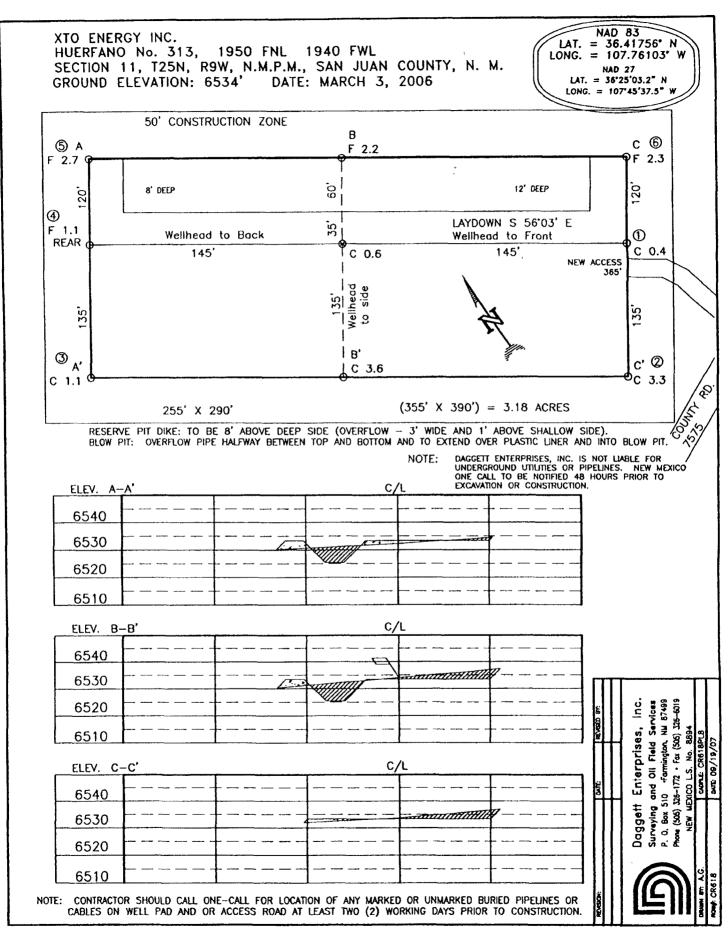
> State Lease — 4 Copies Fee Lease — 3 Copies

> ☐ AMENDED REPORT

DISTRICT IV 1220 South St. Francis Dr., Sonta Fe, NM 87505

		V	ELL L	DCATIO	N AND AC	REAGE DEDI	CATIC	N PL	AT		
30-0	Number 45-3	4566	9-	² Pool Code 123	⊋	Basin		ool Name			
*Property Co	de				[®] Property N	lome	. 1 . 160	V ICV.		• W	ell Number
3699 OGRID No	72		W ^a nana	·		NO Unit					313
1 -					*Operator N						Elevation
538	.0				XTO ENERG						6534'
<u></u>	·	· · · · · · · · · · · · · · · · · · ·	,		¹⁰ Surface						
UL or lot no.	Section 11	Township 25-N	Range 9-W	Lot Idn	Feet from the 1950	North/South line NORTH	Feet from		East/Wes WE		County SAN JUAN
<u> </u>	J''	25 11		om Hole		If Different Fr	<u> </u>		""		JAN COAN
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet fro		East/We	st line	County
12 Dedicated Acres	3		¹³ Joint or Ir	ाती।	14 Consolidation Co	ode	15 Order 1	No.			
NW14	1(O_{i}									
NO ALLOV		MILL BE A				ON UNTIL ALL				EEN C	ONSOLIDATED
16		OR A N	ION-STA	ANDARD	UNIT HAS B	EEN APPROVE	D BY T	HE DI	VISION		
FD. 2 1/2 BC. 1947 GLO	N 89-	59 52 E		FD. 2 1/			1	⁷ OP	ERATO	R CERI	TIFICATION
1947 020	2620	.40' (M)		1947 GL)						n contained herein of my knowledge and
											Ither owns a working string the land
≥ \								right to d	rill this well	at this locati	location or has a ion pursuant to a
84 ≥ (Σ)	1		950,					interest, o	r to a volun	tary pooling	mineral or working agreement or a
- 88			6					division.	y pooling ord	er heretofore	entered by the
2644.20' (M)				}	.						
S 25			\		36.41756° N. 107.76103°			$\widehat{}$			
				LAT: 3	6°25'03.2" N. (1 107°45'37.5" W	NAD 27)		\mathcal{O}	. 1		10/16/07
	1940'			LONG.	107 43 37.3	. (NAD 27)		Signature	Jula	,	' IIV())
								≤ 1	hns	M	DOCE
				· 11 ——				Printed N			
FD. 2 1/2" BC				1				18 5	URVEY	OR CE	RTIFICATION
1947 GLO	l						3 1		•		shown on this plat surveys made by
								ne or under		on, and that	the same is true
	ļ										
								MARCI Date of S	1 080 1 080	9E RV	
		~ ~~						Signature	and Sook of	Master	gal Suffreyor:
								1	136	Salva	
								T	THU	(Exc.)	MARY
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								•	PROVES	CLOUAL LA	no/
									8	304	
				1			11 -	Certificate	Number		

Submit 3 Copies To Appropriate District Office	State of New Me Energy, Minerals and Natur		Form C-103 May 27, 2004
<u>District I</u> 1625 N. French Dr., Hobbs, NM 87240			WELL API NO. 30.045-34560
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION		5. Indicate Type of Lease
District III 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Fra Santa Fe, NM 83		STATE FEE
District IV	•	7505	6. State Oil & Gas Lease No.
1220 S St. Francis Dr., Santa Fe, NM 87505			FEDERAL LEASE
SUNDRY NOTIC (DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVOIR, USE "APPLIC PROPOSALS.)		OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name:
1. Type of Well: Oil Well Gas Well X	Other		8. Well Number
2. Name of Operator	Outer		#313 9. OGRID Number
XTO Energy Inc.			5380
3. Address of Operator			10. Pool name or Wildcat
382 CR 3100 AZTEC, 4. Well Location	NM 87410 505-333-310	00	BASIN DAKOTA/WC BASIN MC
j	1950 feet from the NOR Township 25N	TH line andRange 9W	1940 feet from the WEST line NMPM NMPM County SAN JUAN
Section	11. Elevation (Show whether I		
Pit or Below-grade Tank Application 🛛			
Pit type _DRILL Depth to Groundwater .			· · · · · · · · · · · · · · · · · · ·
Pit Liner Thickness: 12 mil	Below-Grade Tank: Volume_	8000 bbls; Constructio	n Material
12. Check A NOTICE OF INTE PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING	Appropriate Box to Indicate ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPLETION		SEQUENT REPORT OF: ALTERING CASING
OTHER: PIT	X	OTHER:	
of starting any proposed work). or recompletion.		Completions: Attach	e pertinent dates, including estimated date wellbore diagram of proposed completion
	losed according to NMOCD guidelines TITI E-11	s x , a general permit [F Regulatory nail address: kyl	and belief. I further certify that any pit or below- or an (attached) alternative OCD-approved plan Compliance DATE 01/11/2008 La vaughan@xtoenergy.com Telephone No. 505-333-3159 IS Inspector,
APPROVED BY		District	#3 MAY 0 8 2008 DATE
Conditions of Approval, if any:		LC	DAIE
The state of Approving it may	v		EXHIBIT D



XTO ENERGY INC.

Huerfano #313 APD Data January 11, 2008

Location: 1950' FNL x 1940' FWL Sec 11, T25N, R9W County: San Juan State: New Mexico

GREATEST PROJECTED TD: 6800'

OBJECTIVE: Basin Dakota / Basin Mancos

Est KB ELEV: <u>6546' (12' AGL)</u>

1. MUD PROGRAM:

APPROX GR ELEV: 6534'

INTERVAL	0' to 360'	360' to 2500'	2500' to 6800'
HOLE SIZE	12.25"	7.875"	7.875"
MUD TYPE	FW/Spud Mud	FW/Polymer	LSND / Gel Chemical
WEIGHT	8.6-9.0	8.4-8.8	8.6- 9.20
VISCOSITY	28-32	28-32	45-60
WATER LOSS	NC	NC	8-10

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes.

2. CASING PROGRAM:

Surface Casing: 8.625" casing to be set at ± 360 ' in a 12.25" hole filled with 9.20 ppg mud

					Coll Rating	Burst Rating	Jt Str	ID	Drift	SF	SF	SF
Interval	Length	Wt	Gr	Cplg	(psi)	(psi)	(M-lbs)	(in)	(in)	Coll	Burst	Ten
0'-360'	360'	24.0#	J-55	ST&C	1370	2950	244	8.097	7.972	7.950	17.13	28.24

Production Casing: 5.5" casing to be set at TD (±6800') in 7.875" hole filled with 9.20 ppg mud.

					Coll Rating	Burst Rating	Jt Str	ID	Drift	SF	SF	SF
Interval	Length	Wt	Gr	Cplg	(psi)	(psi)	(M-lbs)	(in)	(in)	Coll	Burst	Ten
0'-6800	6800'	15.5#	J-55	ST&C	4040	4810	202	4.950	4.825	1.24	1.48	1.92

3. WELLHEAD:

- A. Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 8-5/8" 8rnd thread on bottom and 11-3/4" 8rnd thread on top.
- B. Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 2,000 psig WP (4,000 psig test), 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), 8-5/8" 8rnd thread on top.

EXHIBIT F

4. <u>CEMENT PROGRAM (Slurry design may change slightly, but the plan is to circulate cement to surface on both casing strings):</u>

A. Surface:

8.625", 24.0#, J-55, ST&C casing to be set at \pm 360' in 12-1/4" hole.

214 sx of Type III cement (or equivalent) typically containing accelerator and LCM, mixed at 14.5 ppg, 1.39 ft³/sk, & 6.70 gal wtr/sk.

Total slurry volume is 297 ft³, 100% excess of calculated annular volume to 360'.

B. <u>Production:</u> 5.5", 15.5#, J-55 (or K-55), ST&C casing to be set at ± 6800 ' in 7.875" hole. DV Tool set a ± 4300 '

1st Stage

LEAD:

±187 sx of Premium Lite HS (Type III/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 12.5 ppg, 2.01 ft³/sk, 10.55 gal wtr/sx.

TAIL:

150 sx Type III or equivalent cement with bonding additive, LCM, dispersant, & fluid loss mixed at 14.2 ppg, 1.54 cuft/sx, 8.00 gal/sx.

2nd Stage

LEAD:

±360 sx of Type III or equivalent cement with 8% gel & LCM mixed at 11.9 ppg, 2.54 ft³/sk, 15.00 gal wtr/sx.

TAIL:

100 sx Type III neat mixed at 14.5 ppg, 1.39 cuft/sx, 6.3 gal/sx.

Total estimated slurry volume for the 5-1/2" production casing is 1659 ft³.

Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 40%. It will be attempted to circulate cement to the surface.

5. LOGGING PROGRAM:

- A. Mud Logger: None.

6. FORMATION TOPS:

Est. KB Elevation: 6546'

FORMATION	Sub-Sea	MD	FORMATION	TV Sub-Sea	MD
Ojo Alamo SS	5440	1106	Gallup	1182	5364
Kirtland Shale	5283	1263	Greenhorn	254	6292
Farmington SS			Graneros	208	6338
Fruitland Formation	5034	1512	Dakota 1*	182	6364
Lower Fruitland Coal			Dakota 2*	127	6419
Pictured Cliffs SS	4595	1951	Dakota 3*	89	6457
Lewis Shale	4422	2124	Dakota 4*	19	6527
Chacra SS	3745	2801	Dakota 5*	-17	6563
Cliffhouse SS*	3034	3512	Dakota 6*	-55	6601
Menefee**	2988	3558	Burro Canyon	-106	6652
Point Lookout SS*	2209	4337	Morrison*	-161	6707
Mancos Shale	1872	4674	TD	-254	6800

^{*} Primary Objective

7. COMPANY PERSONNEL:

Name	Title	Office Phone	Home Phone
Justin Niederhofer	Drilling Engineer	505-333-3199	505-320-0158
Jerry Lacy	Drilling Superintendent	505-333-3177	505-320-6543
John Klutsch	Project Geologist	817-885-2800	

JN 1/11/08

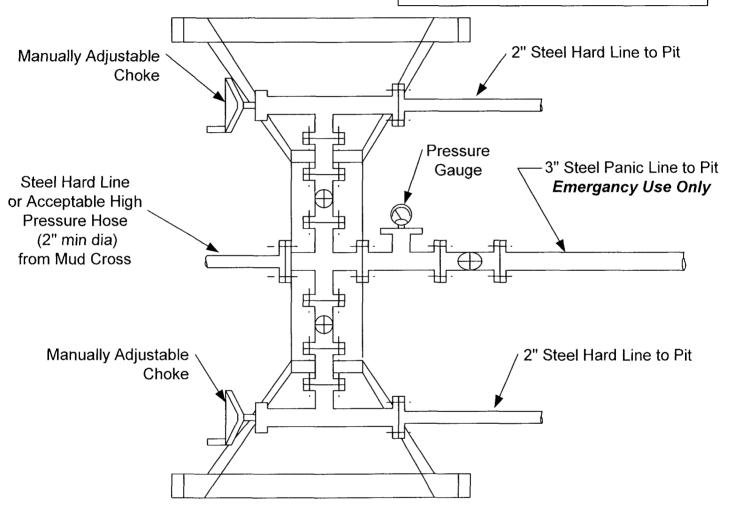
^{**} Secondary Objective

^{****} Maximum anticipated BHP should be <2,000 psig (<0.30 psi/ft) *****

CHOKE MANIFOLD SCHEMATIC FOR DRILLING OPERATIONS CLASS 1 (2M) NORMAL PRESSURE

- 1. Stake all lines from choke manifold to pit.
- 2. Pressure test choke manifold after installation.
- 3. Pressure test manifold at the same time with the BOP Stack. Test manifold to the same test pressures.

TESTING PROCEDURE



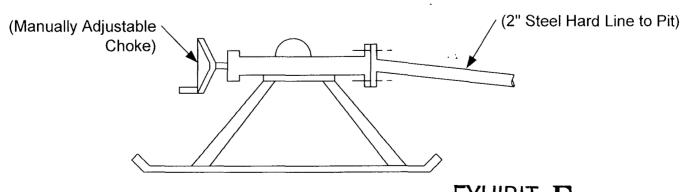
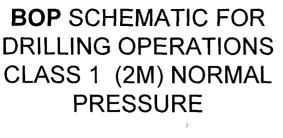
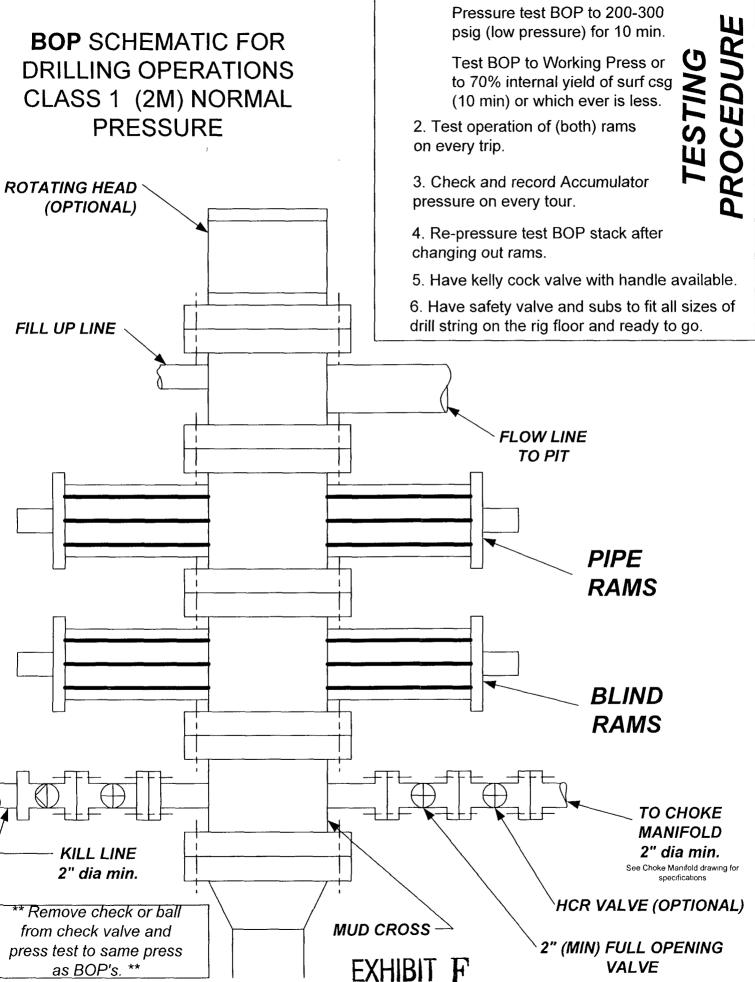


EXHIBIT F





1. Test BOP after installation:

Pressure test BOP to 200-300 psig (low pressure) for 10 min.

Test BOP to Working Press or

(10 min) or which ever is less.

to 70% internal yield of surf csg