

REC'D / SAN JUAN
SEP 16 2002

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

NM - 03380

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No.

Florance #62F

9. API Well No.

30-045-31097

10. Field and Pool, or Exploratory Area

Blanco MV/Basin DK/Otero CH

11. County or Parish, State

San Juan NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other <u>Change to</u>
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <u>drilling procedure</u>
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximated duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Due to recent approval by the NMOCD for 80 acre infill Dakota well spacing, XTO Energy has elected to drill the above mentioned well to the Dakota formation. A revised drilling program is attached for your review. The revised program will indicate the new total depth, casing design and cement. New plats showing the new well name and dedications are also enclosed for the well files.

2002 AUG 27 PM 3:15
OTO FAI

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Jeffrey W Patton

Title

Drilling Engineer

Date

8/27/02

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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 representations as to any matter within its jurisdiction.

(Instructions on reverse)

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
811 South First, Artesia, N.M. 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-31097	² Pool Code 72319	³ Pool Name BLANCO MESAVERDE
⁴ Property Code	⁵ Property Name FLORANCE	⁶ Well Number 62F
⁷ GRID No. 167067	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 6769'

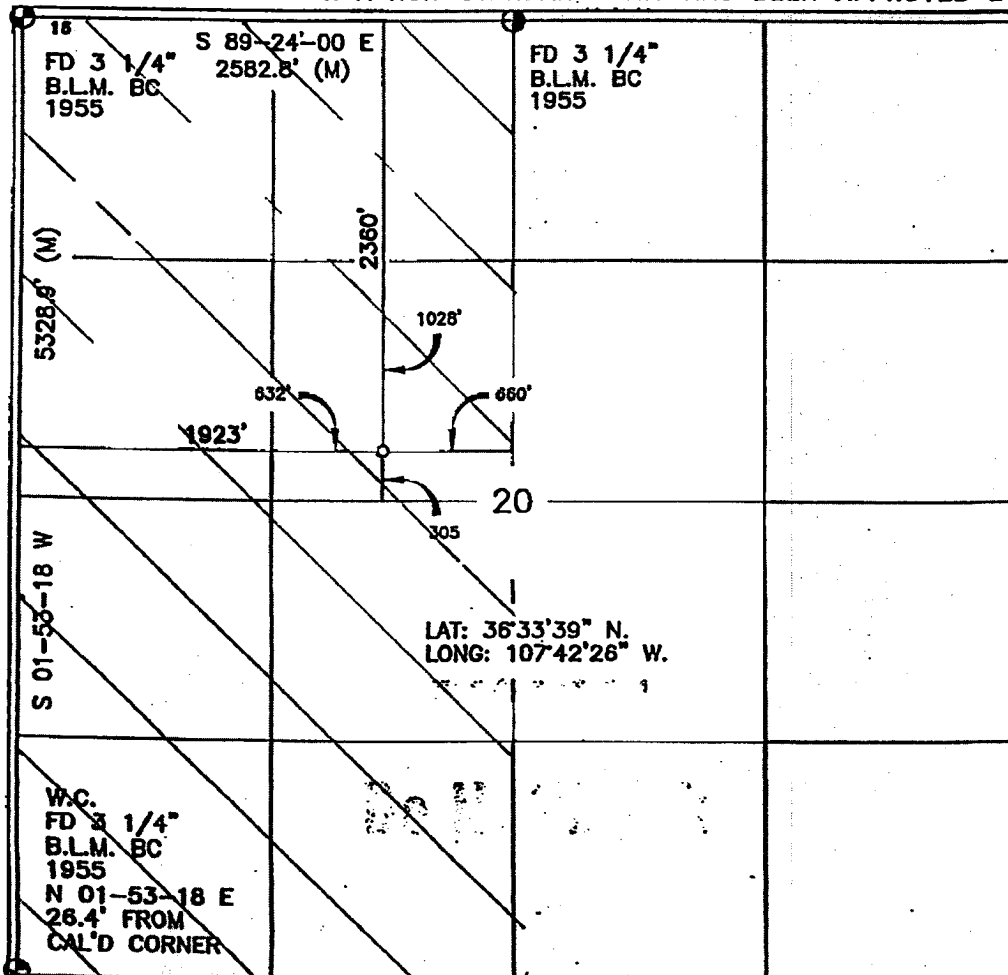
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	20	27-N	8-W		2360'	NORTH	1923'	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 320 W/2			¹³ Joint or Infill I		¹⁴ 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



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein
is true and complete to the best of my knowledge and
belief

Signature

Printed Name

¹⁸ 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 knowledge and belief

Date of Survey

Signature and Seal of Registered Professional Surveyor

Certificate Number

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 71599	³ Pool Name BASIN DAKOTA
⁴ Property Code	⁵ Property Name FLORANCE	⁶ Well Number 62F
⁷ GRID No. 167067	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 6769'

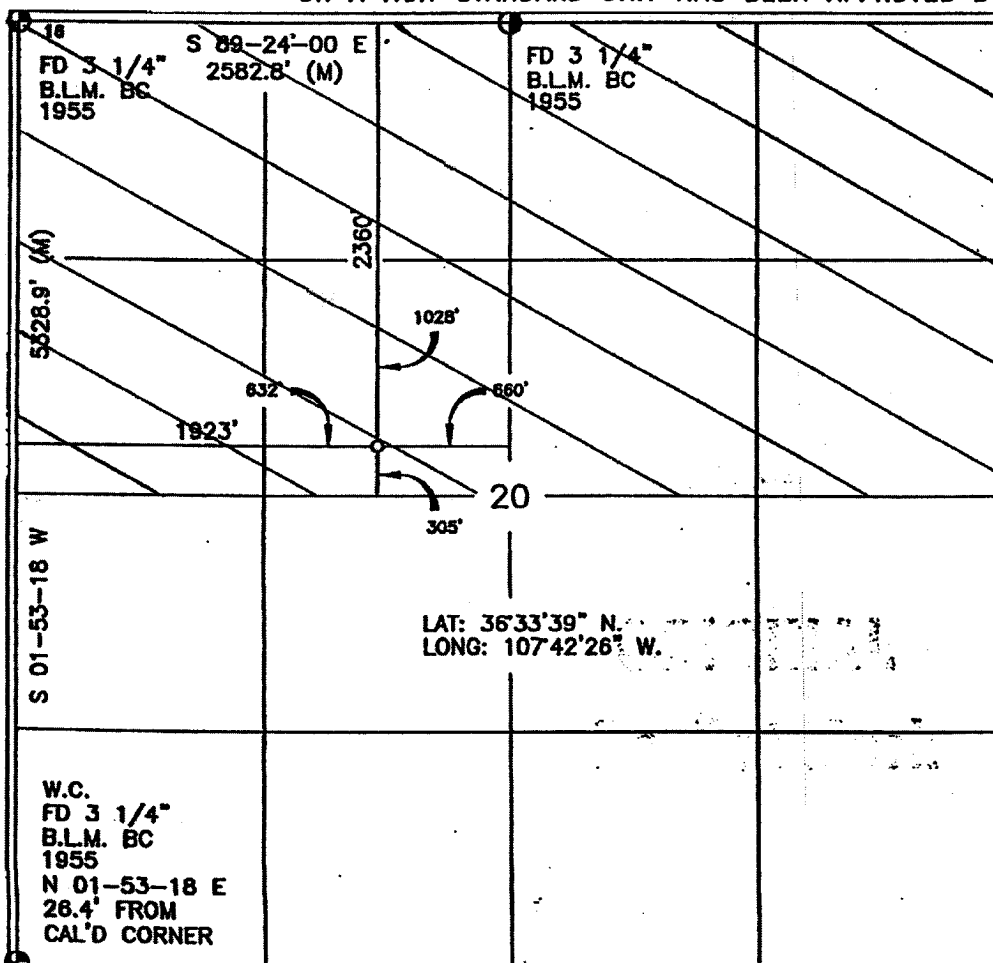
¹⁰ Surface Location

UL or lot no. F	Section 20	Township 27-N	Range 8-W	Lot Idn	Feet from the 2360'	North/South line NORTH	Feet from the 1923'	East/West line WEST	County SAN JUAN
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 320 N/2			¹³ Joint or Infill I		¹⁴ 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



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature Jeffrey W. Hatton
Printed Name JEFFREY W. HATTON
Title DRILLING ENGINEER
Date 8-26-02

¹⁸ 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 knowledge and belief

Date of Survey 8-26-02
Signature and Seal of Registered Professional Surveyor

Certificate Number 14827

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

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State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 82329	³ Pool Name OTERO CHACRA
⁴ Property Code	⁵ Property Name FLORANCE	⁶ Well Number 62F
⁷ GRID No. 167067	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 6769'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	20	27-N	8-W		2360'	NORTH	1923'	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres NW/4 160					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
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<p>¹⁶</p> <p>FD 3 1/4" B.L.M. BC 1955</p> <p>S 89-24-00 E 2582.8' (M)</p> <p>5328.9' (M)</p> <p>1923'</p> <p>832'</p> <p>1028'</p> <p>660'</p> <p>2360'</p> <p>305'</p> <p>20</p> <p>LAT: 36°33'39" N. LONG: 107°42'26" W.</p> <p>W.C. FD 3 1/4" B.L.M. BC 1955 N 01-53-18 E 26.4' FROM CAL'D CORNER</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p>Signature <u>JW Patton</u></p> <p>Printed Name <u>JEFFREY W PATTON</u></p> <p>Title <u>DRILLING ENGINEER</u></p> <p>Date <u>8-26-02</u></p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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 knowledge and belief</p> <p>Date of Survey <u>14827</u></p> <p>Signature and Seal of Registered Professional Surveyor <u>[Signature]</u></p> <p>Certificate Number <u>14827</u></p>
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XTO ENERGY INC.

Florance #62F

APD Data

August 27, 2002

Surface Location: 2,360' FNL & 1,923' FWL, Sec 20, T27N, R08W County: San Juan State: New Mexico

PROJECTED TOTAL DEPTH: ±7,700'

OBJECTIVE: Dakota/Mesaverde/Chacra

GR ELEV: 6,769'

Est KB ELEV: 6,782' (13' AGL)

1. MUD PROGRAM:

INTERVAL	0' to 265'	265' to 3,150'	3,150' to TD
HOLE SIZE	12-1/4"	8-3/4"	6-1/4"
MUD TYPE	FW/Native Mud	FW/Polymer	Air/Foam
WEIGHT	8.6-8.8	8.6-9.0	
VISCOSITY	28-32	29-34	
WATER LOSS	NC	NC	

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. RU air compressors after setting the intermediate csg. Drill with air or foam to TD.

2. CASING PROGRAM:

Surface Casing: 9-5/8" casing to be set at ± 265' in 8.6 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-265'	265'	32.3#	H-40	STC	1370	2270	254	9.001	8.972	5.98	5.68	15.73

Intermediate Casing: 7" casing to be set at ±3,150' (MD) 3,150' (TVD) in 9.0 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-3,150' (MD)	3,150'	20.0#	J-55	STC	2257	3740	234	6.456	6.331	1.15	1.31	2.57

Production Casing: 4-1/2" casing to be set at 7,700' in air.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-7,700'	7,700'	10.5#	J-55	STC	4010	4790	132	4.052	3.927	1.33	1.20	1.90

3. **WELLHEAD:**

- A. Bradenhead: 9-5/8" x 7" 2,000 psig WP (4,000 psig test).
Casinghead: 7" x 4-1/2" 3,000 psig WP (6,000 psig test).

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

- A. **Surface:** 9-5/8", 32.3#, H-40, STC casing to be set at $\pm 265'$.

Lead: 140 sx of Class "B" (Standard) cement containing 2% CaCl₂, ¼ pps celloflake, mixed at 15.6 ppg, 1.18 ft³/sk, & 5.20 gal wtr/sk.

Total slurry volume is 166 ft³, 100% excess of calculated annular volume to 265'.

- B. **Intermediate:** 7", 20.0#, J-55, STC casing to be set at $\pm 3,150'$ (MD).

Lead: 225 sx of Class "B" (Standard) cement containing $\pm 3\%$ extender, ¼ pps celloflake and 2% CaCl₂ mixed at 11.4 ppg, 2.88 ft³/sk, 17.89 gal wtr/sx.

Tail: 50 sx of Class "B" (Standard) cement containing ¼ pps celloflake and 2% CaCl₂ mixed at 15.6 ppg, 1.18 ft³/sk, 5.20 gal wtr/sx.

Total slurry volume is 707 ft³, circulated to surface. This value is 50% (excess) over gage hole volume.

- C. **Production:** 4-1/2", 10.5#, J-55, STC casing to be set at $\pm 7,700'$.

Lead: 327 sx of Class "H" Premium Lite High Strength (65/35/6), ¼ pps celloflake, 2% KCl, 0.5% fluidloss, 0.2% dispersant & 2% Phenoseal mixed at 12.5 ppg, 2.01 ft³/sk, 10.12 gal wtr/sx.

Total estimated slurry volume for the 4-1/2" production casing is 657 ft³ for 4,750' of fill. Est. TOC should be @ 2,950'. 35% (excess) over gage hole volume has been added to the number of sacks indicated. We will unload the hole with nitrogen prior to cementing the production casing. Using a single completion grade slurry will usually circ into the 7" overlap without losing returns.

Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined for the caliper logs plus 35%..

5. **LOGGING PROGRAM:**

- A. Mud Logger: The mud logger will come on the hole from 3,500' to TD (7,700').
- B. Open Hole Logs as follows: Run Dual Induction/MSFL/GR/CAL/SP/CNL/LDT (lithodensity) from TD to the bottom of the intermediate csg (@ $\pm 3,150'$ MD).

6. FORMATION TOPS:

Formation	Subsea Depth	Well Depth (MD)
Ojo Alamo SS	+4854'	1930'
Kirtland Shale	+4699'	2085'
Farmington Sandstone	+4617'	2167'
Fruitland Formation	+4225'	2559'
Lower Fruitland Coal	+4028'	2756'
Pictured Cliffs SS	+3961'	2823'
Lewis Shale	+3836'	2948'
Chacra Sandstone	+3050'	3734'
Cliffhouse SS	+2383'	4401'
Menefee	+2279'	4505'
Point Lookout SS	+1683'	5101'
Mancos Shale	+1351'	5433'
Gallup Sandstone	+505'	6279'
Greenhorn Limestone	-292'	7076'
Graneros Shale	-354'	7138'
1 st Dakota	-398'	7182'
2 nd Dakota	-432'	7216'
-	-461'	7245'
4 th Dakota	-513'	7297'
5 th Dakota	-558'	7342'
6 th Dakota	-591'	7375'
Burro Canyon Ss	-631'	7415'
Morrison	-663'	7447'
Projected TD	-916'	7700'

7. COMPANY PERSONNEL:

Name	Title	Office Phone	Home Phone
Jeff Patton	Drilling Engineer	505-324-1090	505-632-7882
Dennis Elrod	Drilling Foreman	505-486-6460 cell	505-326-2024
Randy Hosey	Project Geologist	817-885-2398	817-427-2475
Barry Voigt	Reservoir Engineer	817-885-2462	817-540-2092

JWP

8/27/02

TESTING PROCEDURE

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

1. Test BOP after installation:

Pressure test BOP to 200-300
psig (low pressure) for 5 min.

Test BOP to Working Press or
to 70% internal yield of surf csg
(10 min).

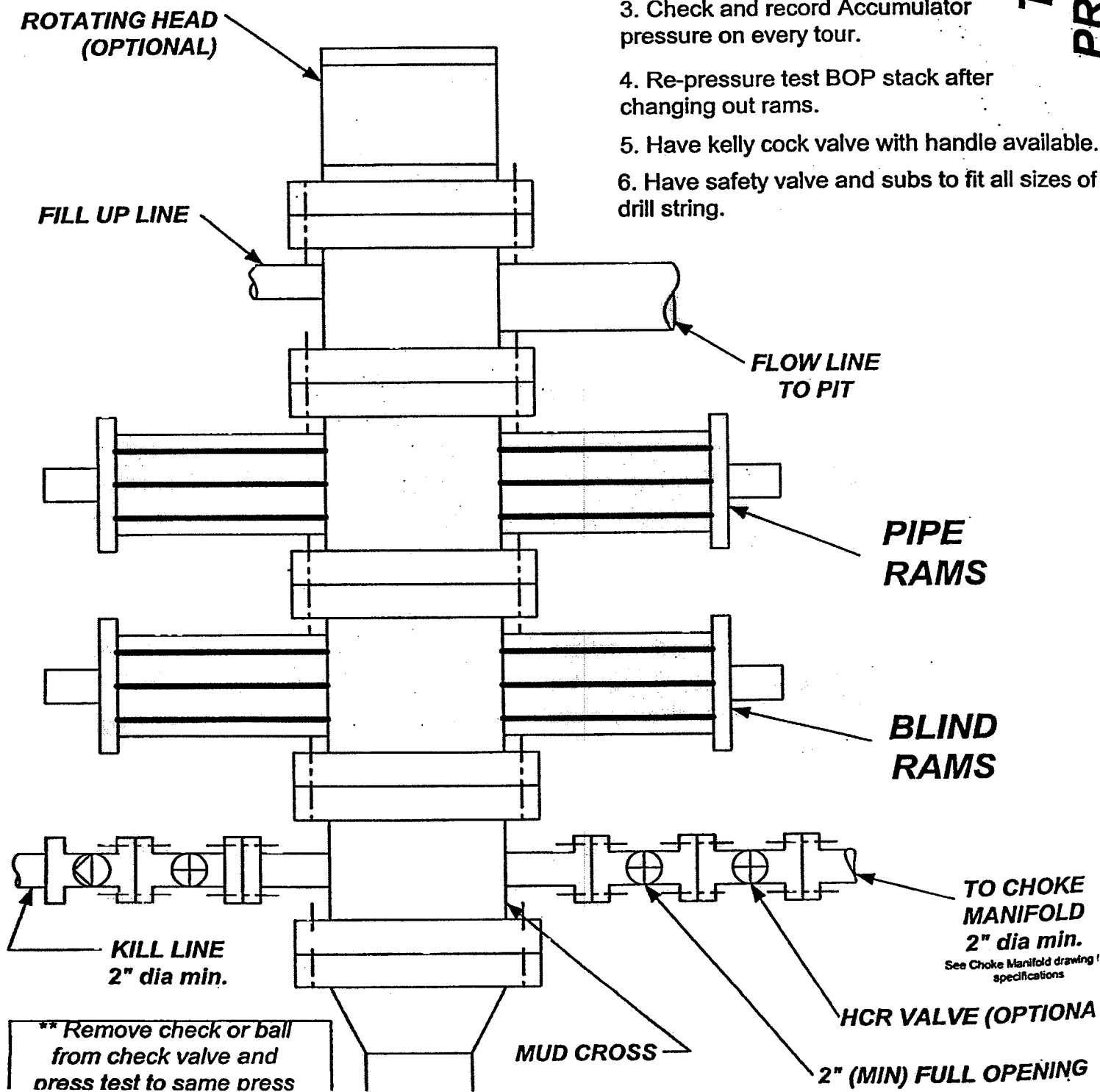
2. Test operation of (both) rams on every trip.

3. Check and record Accumulator pressure on every tour.

4. Re-pressure test BOP stack after changing out rams.

5. Have kelly cock valve with handle available.

6. Have safety valve and subs to fit all sizes of drill string.



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

