Form 3160-3
(July 1992)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.: NM - 03380

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: 29105

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER — SINGLE ZONE [X] MULTIPLE ZONE [ ]

8. FARM OR LEASE NAME, WELL NO.: Florance "D" #11B

2. NAME OF OPERATOR: XTO Energy Inc. / ~~Cross Timbers Operating Company~~

9. API WELL NO.: 30-045-31016

3. ADDRESS AND TELEPHONE NO.: 2700 Farmington Ave., Bldg. K, Ste 1 Farmington, NM 87401

10. FIELD AND POOL, OR WILDCAT: Blanco Mesaverde

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 660' FNL & 660' FEL Sec 18, T27N, R08W
At proposed prod. zone: same

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: A Sec 18, T27N, R08W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approx 24 air miles south down Largo Canyon from the Blanco NM Post Office

12. COUNTY OR PARISH: San Juan

13. STATE: NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
660'	320	320 E/2

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
900'	5,650'	0'-5,650' w/Rotary Tools

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6,803' GL

22. APPROX. DATE WORK WILL START*: Summer 2002

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8", J-55	24#	~~270~~ 350'	160 sx Type III
7-7/8"	4-1/2", J-55	10.5#	5,650'	775 sx Premium Lite cement

XTO Energy Inc. plans to drill the above mentioned well as described in the enclosed Surface Use Program.

The pipeline ROW is also enclosed with this APD.

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

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposalis to deepen, give dataon presentproductivezone and proposednew productivezone. If proposalis to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

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SIGNED: JW Patton TITLE: Drilling Engineer DATE: 3/4/02

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE: 4/5/02

Application approval 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.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY: /s/ David J. Mankiewicz TITLE: AFM DATE: 4/5/02

*See Instructions On Reverse Side

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.

NMOCD

DISTRICT I
1625 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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-31016	72319	BLANCO MESAVERDE

[4] Property Code	[5] Property Name	[6] Well Number
29105	FLORANCE D	11B

[7] OGRID No.	[8] Operator Name	[9] Elevation
167067	XTO ENERGY INC.	6803'

[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
A	18	27-N	8-W		660	NORTH	660	EAST	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	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320 E/2	I		

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

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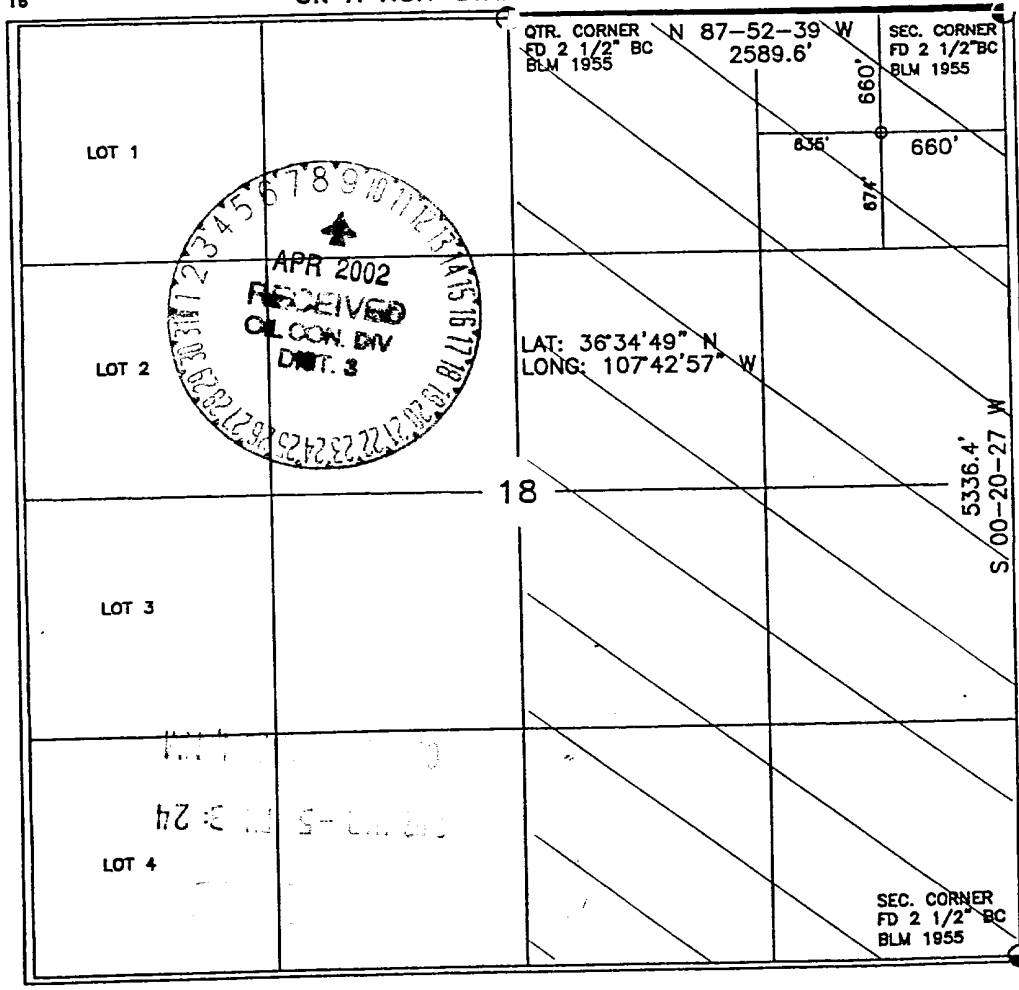


17 OPERATOR CERTIFICATION

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

JW Patton
Signature

JEFFREY W PATTON
Printed Name

DRILLING ENGINEER
Title

2-4-02
Date

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 belief.

9-10-01
Date of Survey

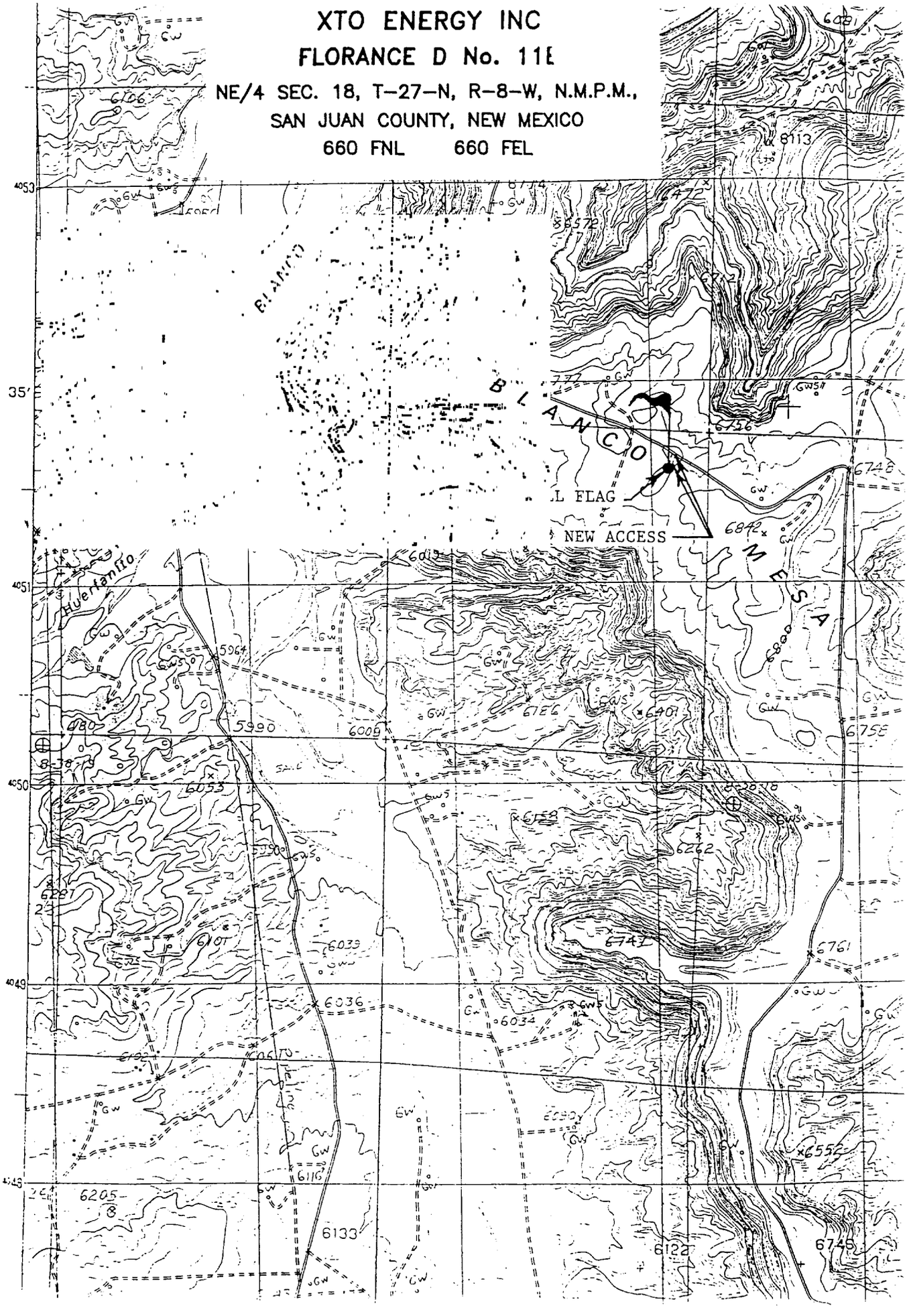
Signature and Seal of Professional Surveyor:

8894
Certificate Number

XTO ENERGY INC

FLORANCE D No. 11E

NE/4 SEC. 18, T-27-N, R-8-W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
660 FNL 660 FEL



XTO ENERGY INC.

Florance "D" #11B
APD Data
February 5, 2002

Location: 660' FNL & 660' FEL, Sec 18, T27N, R08W **County**: San Juan **State**: New Mexico

PROJECTED TOTAL DEPTH: ±5,650' OBJECTIVE: Mesaverde
GR ELEV: 6,803' Est KB ELEV: 6,815' (12' AGL)

1. MUD PROGRAM:

INTERVAL	0' to ~~270'~~ 320	270' to 3,500'	3,500' to TD
HOLE SIZE	12-1/4"	7-7/8"	7-7/8"
MUD TYPE	FW/Spud Mud	FW/Polymer	LSND
WEIGHT	8.6-9.0	8.4-8.8	8.6-9.0
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. Pre-treat with 20% LCM @ 3,500'. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity (>85 sec) at TD for logging. Reduce viscosity after logging for cementing purposes.

2. CASING PROGRAM:

Surface Casing: 8-5/8" casing to be set at ± 270' in 8.8 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'-~~270~~' 320	~~270~~ 320	24#	J-55	STC	1370	2950	244	8.097	7.972	7.32	7.95	29.39

Production Casing: 4-1/2" casing to be set at TD 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'-TD	5,650'	10.5#	J-55	STC	4010	4790	132	4.052	3.875	1.66	1.33	2.44

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), 4-1/2" 8rnd female thread on bottom, 8-5/8" 8rnd thread on top.

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

A. Surface: 8-5/8", 24#, J-55, STC casing to be set at ± 270'.

Lead: 160 sx of "Type III" cement containing 3% $CaCl_2$, ¼ pps celloflake, mixed at 14.5 ppg, 1.39 ft^3/sk, & 6.50 gal wtr/sk.

Total slurry volume is ~~222 ft³~~ 320, 100% excess of calculated annular volume to ~~270'~~.

B. Production: 4-1/2", 10.5#, J-55, STC casing to be set at ±5,650'.

Lead: 625 sx of Premium Lite FM (65/35/6) cement containing 2% KCl, ¼ pps celloflake, 2-4% Phenoseal mixed at 11.9 ppg, 2.39 ft^3/sk, 15.60 gal wtr/sx.

Tail: 150 sx of Premiun Lite HS (65/35/6) cement containing 2% KCl, 7#/sx CSE, ¼ pps celloflake, 0.5% Fluid loss, 0.2% Dispersant mixed at 12.5 ppg, 2.01 ft^3/sk, 10.71 gal wtr/sx..

Total estimated slurry volume (including 40% excess) for the 4-1/2" production casing is 1,795 ft^3.

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

5. LOGGING PROGRAM:

A. Mud Logger: There are no plans to use a mud logger at this time.

B. Open Hole Logs as follows: Run Dual Induction/SFL/GR/SP fr/TD (±5,650') to the bottom of the surface csg. Run CNL/LDT (Lithodensity)/GR/Cal and Pe from TD to 3,650'.

6. FORMATION TOPS:

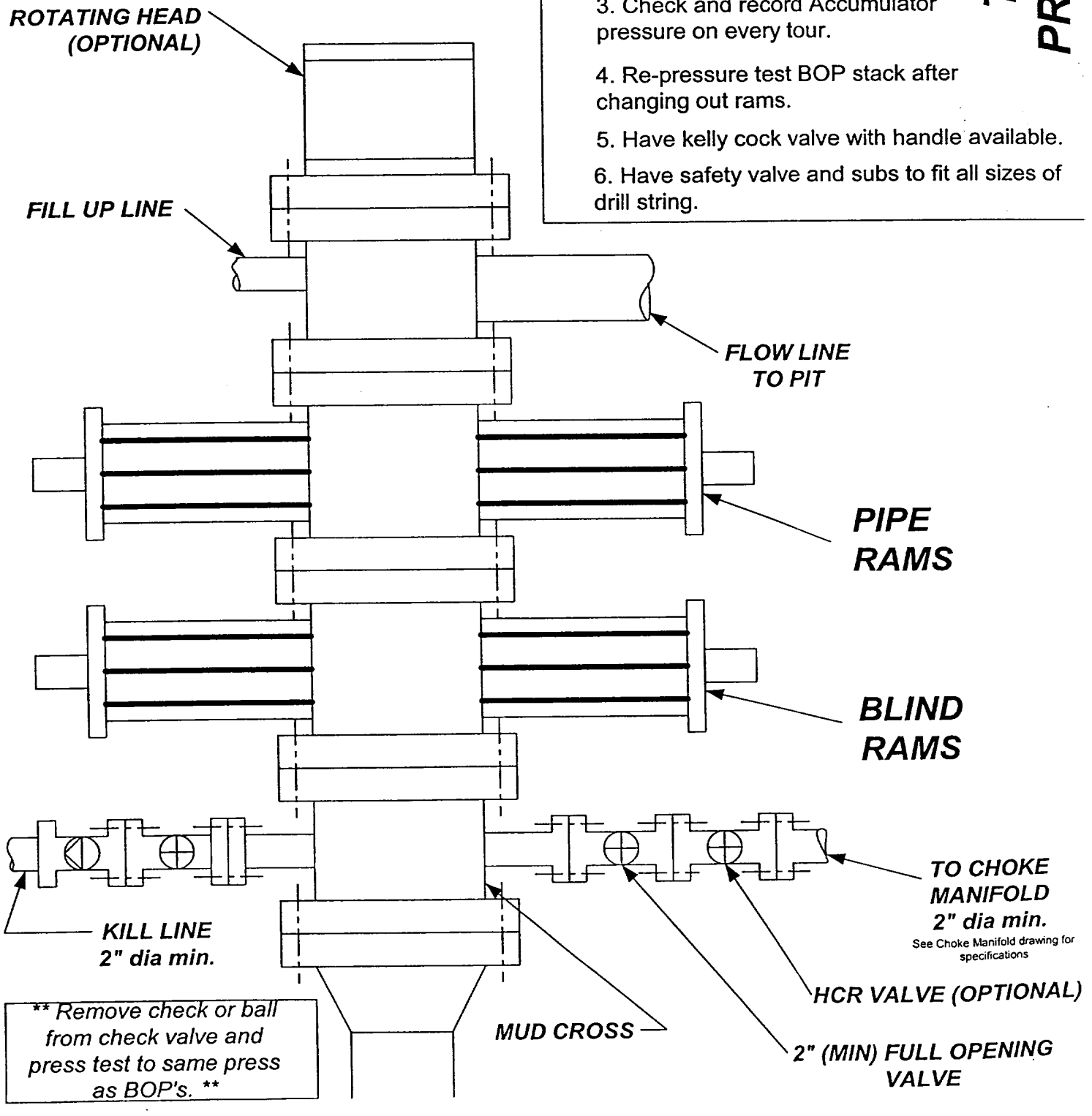
Formation	Subsea Depth	Well Depth
Ojo Alamo SS	+4806'	2012'
Kirtland Shale	+4758'	2060'
Fruitland Formation	+4162'	2656'
Lower Fruitland Coal	+3993'	2825'
Pictured Cliffs SS	+3940'	2878'
Lewis Shale	+3807'	3011'
Chacra	+3018'	3800'
Cliffhouse SS	+2364'	4454'
Menefee*	+2219'	4599'
Point Lookout SS*	+1671'	5147'
Mancos Shale	+1335'	5483'
Projected TD	+1168'	5650'

* Target Reservoir. Maximum anticipated reservoir pressure will be ±1,550 psig.

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

TESTING PROCEDURE

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.



** Remove check or ball from check valve and press test to same press as BOP's. **