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.: SF - 081239

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: 22620

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.: LC Kelly #10

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

9. API WELL NO.: 30-045-30776

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

10. FIELD AND POOL, OR WILDCAT: Aztec Pictured Cliffs

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1600' FSL & 1145' FEL
At proposed prod. zone

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 5, T30N, R12W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approx 7 miles north of the Flora Vista, 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): 1,145'

16. NO. OF ACRES IN LEASE: 150.25

17. NO. OF ACRES ASSIGNED TO THIS WELL: 150.25 SE/4

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 425'

19. PROPOSED DEPTH: 2,375'

20. ROTARY OR CABLE TOOLS: Rotary Tools

21. ELEVATIONS (Show whether DF,RT, GR, etc.): 5,869' Ground Level

22. APPROX. DATE WORK WILL START*: Oct. 2001

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7", J-55	20.0#	200'	75 sx Type III cmt, circ to surface
6-1/4"	4-1/2", J-55	10.5#	2,375'	235 sx Premium Lite cmt.

SEP 2001 RECEIVED OIL CON. DIV DIST. 3

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

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

Cross Timbers plans to drill the above mentioned well as described in the enclosed Surface Use Program.

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.

24.

SIGNED J W Patton TITLE Drilling Engineer DATE 8/9/01

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE 9/10/01

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:

SEP 10

APPROVED BY /s/ Joel Farrell TITLE _____ DATE _____

*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.

DISTRICT I
P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, N.M. 88211-0719

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

DISTRICT IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

Form C-10
Revised February 21, 199
Instructions on bac
Submit to Appropriate District Offic
State Lease - 4 Copie
Fee Lease - 3 Copie

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-045-30776	71280	AZTEC PICTURED CLIFFS

4 Property Code	5 Property Name	6 Well Number
22620	L.C. KELLY	10

7 OGRID No.	8 Operator Name	9 Elevation
167067	XTO ENERGY INC.	5869'

10 Surface Location

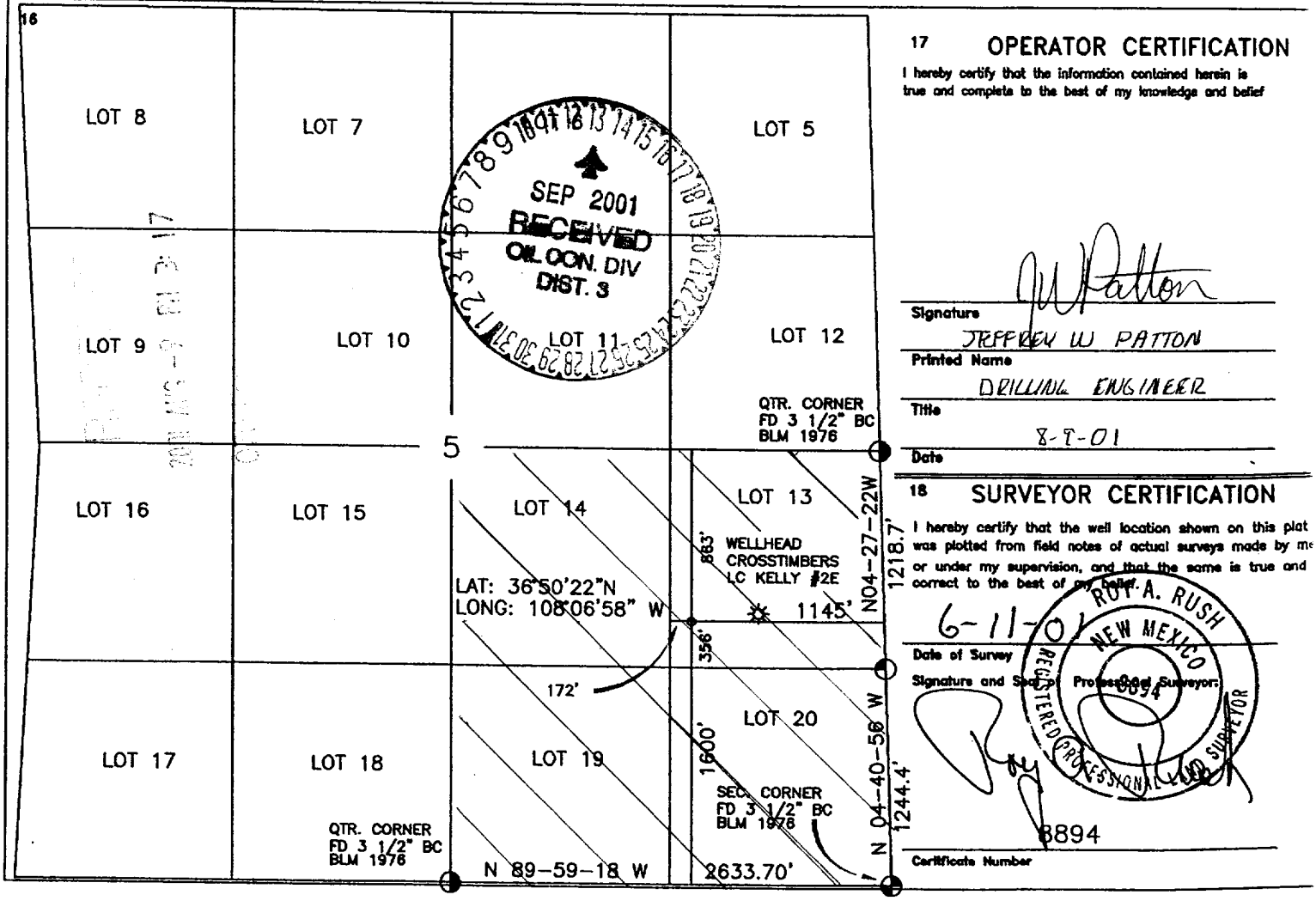
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	5	30-N	12-W		1600	SOUTH	1145	EAST	SAN JUAN

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.
150.25 SE/4			

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 PATTON
Printed Name

DRILLING ENGINEER
Title

8-7-01
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.

6-11-01
Date of Survey

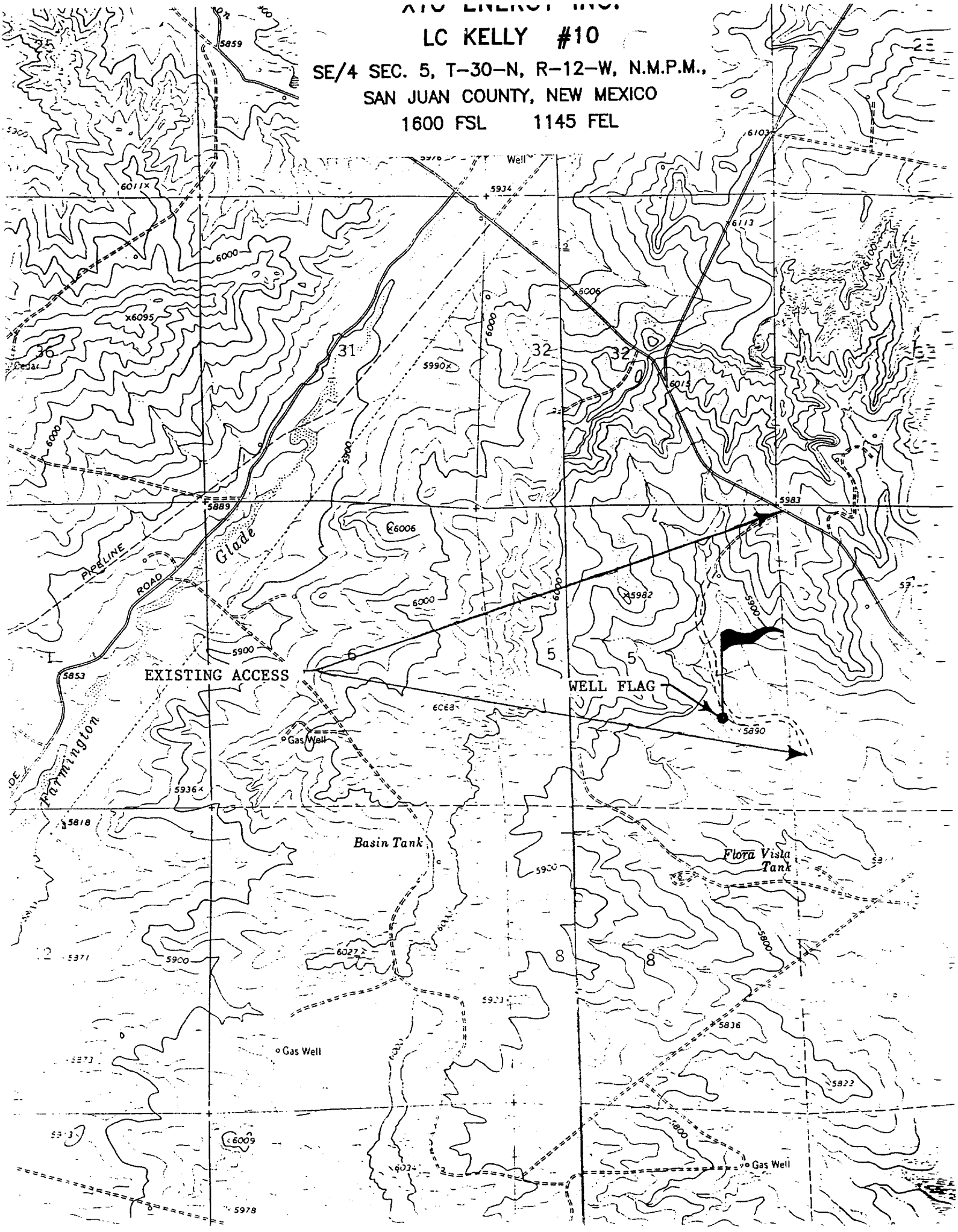
Signature and Seal of Professional Surveyor:

8894
Certificate Number

XTO ENERGY INC.

LC KELLY #10

SE/4 SEC. 5, T-30-N, R-12-W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
1600 FSL 1145 FEL



3. **WELLHEAD:**

Casinghead: Larkin Fig 92 (or equivalent) 2,000 psig WP (4,000 psig test) with 7", 8rd pin on bottom and 8-5/8" API Modified 8rd thread on top.

Tubinghead: Larkin Model 612 (or equivalent) 2,000 psig WP (4,000 psig test) with 4-1/2", 8rd bottom thread and 8-5/8" 8rd API Modified top body thread, 4.090" minimum bore.

4. **CEMENT PROGRAM:**

A. Surface: 7", 20#, J-55, STC casing at ± 200'.

Lead: 75 sx Type III cement (or equivelent) containing ¼ pps celloflake, 2% $CaCl_2$ (mixed at 14.6 ppg, 1.39 ft^3/sk, 6.67 gal wtr/sk).

Total slurry volume is 104.25 ft^3, 250% excess of calculated annular volume required to circulate cement to surface.

B. Production: 4-1/2", 10.5#, J-55, STC casing at ± 2,375'.

Lead: 235* sx of 35:65 Poz/Type III cement containing 10 PPS CSE, 2% CaCl2, ¼ PPS Celloflake, 0.65% bwoc FL-62, 6% gel (mixed at 12.5 ppg, 2.07 ft^3/sk, 10.95 gal wtr/sk).

Total estimated slurry volume is 487 ft^3 , 100% excess of calculated annular volume required to circulate cement to surface.

* **Actual cement volumes will be determined using log caliper volume plus *30% excess.***

5. **DRILLING HAZARDS:**

- H_2S or other Poisonous Gases: No formations known to contain H_2S or any other poisonous gases will be penetrated with this wellbore.
- Abnormal Pressures: No overpressured zones are known to exist or are anticipated to be encountered during the drilling of this well.
- Lost Circulation: Seepage and/or lost circulation may be encountered below surface casing and can be controlled with conventional lost circulation materials added to the mud system.

6. **LOGGING PROGRAM:**

Array Induction/DFL/GR/SP/Cal	TD to bottom of surf csg.
DSN/Spectral Density/GR/Cal/Pe	TD to 1000'

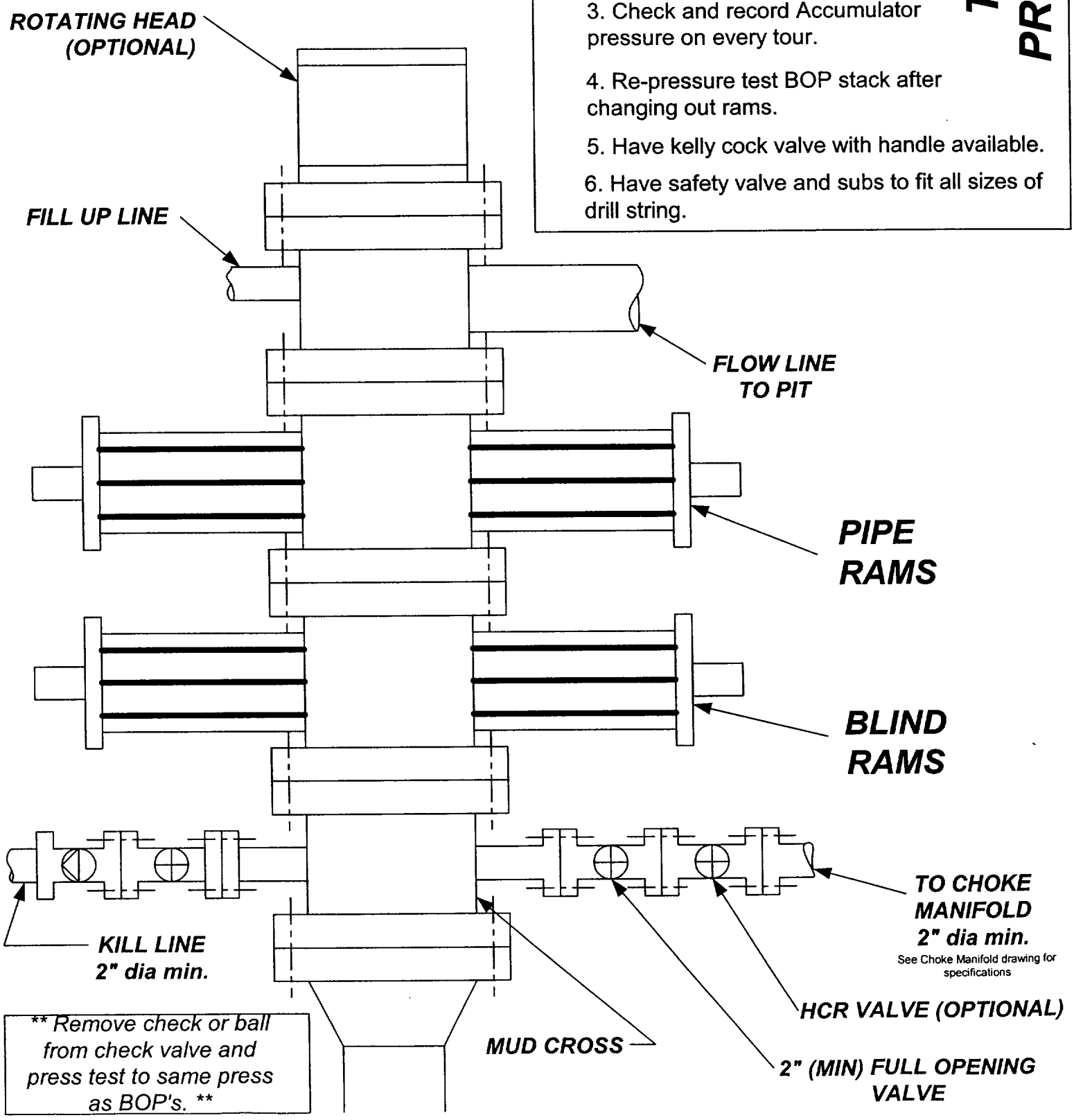
No mud logger to be used on this well.

Cross Timbers Operating Company

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. **