Form 3160-3
(April 2004)

SEP 29 2009

FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5 Lease Serial No.
NOG 05031728 28

6. If Indian, Allotee or Tribe Name
NAVAJO ALLOTMENT

1a. Type of work: ☑ DRILL ☐ REENTER

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

1b. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other ☐ Single Zone ☑ Multiple Zone

8. Lease Name and Well No.
BOXER #1E

2. Name of Operator
XTO Energy Inc.

9. API Well No.
30-045- 35026

3a. Address **382 CR 3100**
Aztec, NM 87410

3b. Phone No. *(include area code)*
505/ 333-3100

10. Field and Pool, or Exploratory
BASIN DK/BASIN MC

4. Location of Well *(Report location clearly and in accordance with any State requirements *)*
At surface **1935' FSL x 660' FWL**
At proposed prod. zone **SAME**

11. Sec , T R. M or Blk. and Survey or Area
(L) Sec 27, T25N, R10W

14 Distance in miles and direction from nearest town or post office*
24 miles SE of Bloomfield P.O.

12. County or Parish
SAN JUAN

13 State
NM

15 Distance from proposed* location to nearest property or lease line, ft (Also to nearest drig. unit line, if any) **660'**

16. No of acres in lease
160

17. Spacing Unit dedicated to this well
DK: S/2 320, MC: S/2 320

18 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. **N/A**

19. Proposed Depth
6600'

20. BLM/BIA Bond No. on file
BIA104312789

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
6680' Ground Elevation

22. Approximate date work will start*
01/01/2010

23 Estimated duration
2 Weeks

24. Attachments

RCVD FEB 1 '10
OIL CONS. DIV.

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form.

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office)
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer

DIST. 3

25. Signature: Malia Villers
Name *(Printed/Typed)*: **Malia Villers**
Date: **09/25/2009**

Title: **Permitting Tech.**

Approved by *(Signature)*: /s/ Monkeewood
Name *(Printed/Typed)*:
Date: 1/29/2010

Title: AFM
Office: FFO

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, 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)

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

NMOCD

FEB 0 3 2010

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, N.M. 87505

SEP 29 2009

Form C-102
Revised October 12, 2005
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
30-045-35026	71599 / 97232	Basin DAKOTA / MANCOS

[4] Property Code	[5] Property Name	[6] Well Number
38004	BOXER	1E

[7] OGRID No.	[8] Operator Name	[9] Elevation
5380	XTO ENERGY, INC.	6680

[10] Surface Location

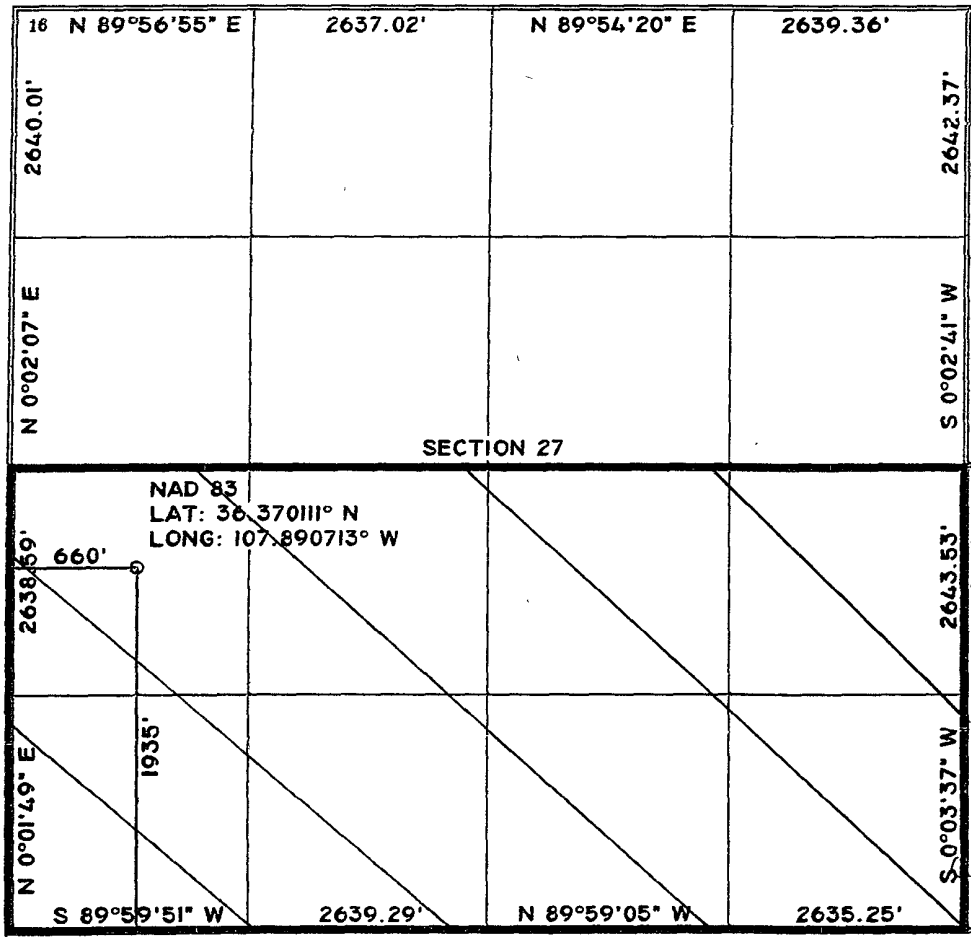
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	27	25 N	10 W		1935	SOUTH	660	WEST	SAN JUAN

[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	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
S 1/2, 320 AC±			

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, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole 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 interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Malia Villers Date: 9/25/09

Printed Name: Malia Villers

[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.

Date of Survey: 3/17/08

Signature and Seal of Professional Surveyor:

ROBERT L. POUNDS
NEW MEXICO
6846
LICENSED PROFESSIONAL SURVEYOR

Certificate Number

XTO ENERGY INC.

Boxer #1E
APD Data
September 25, 2009

Location: 1935' FSL x 660' FWL Sec 27, T25N, R10W **County:** San Juan **State:** New Mexico

GREATEST PROJECTED TD: 6600' OBJECTIVE: Basin Dakota / Basin Mancos
APPROX GR ELEV: 6680' Est KB ELEV: 6692' (12' AGL)

1. MUD PROGRAM:

INTERVAL	0' to 360'	360' to 2500'	2500' to 6600'
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 12-1/4" hole filled with 9.20 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'-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 (±6600') in 7.875" hole filled with 9.20 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'-6600	6600'	15.5#	J-55	ST&C	4040	4810	202	4.950	4.825	1.28	1.52	1.97

Remarks: All Casing strings will be centralized in accordance with Onshore Order #2 and NTL FRA-90-1.

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.

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

A. Surface: 8.625", 24.0#, J-55, ST&C casing to be set at ± 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 ft^3/sk, & 6.70 gal wtr/sk.

Total slurry volume is 297 ft^3, 100% excess of calculated annular volume to 360'.

B. Production: 5.5", 15.5#, J-55 (or K-55), ST&C casing to be set at ±6600' in 7.875" hole. DV Tool set @ ±4075'

1st Stage

LEAD:
±190 sx of Premium Lite HS (Type III/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 12.5 ppg, 2.01 ft^3/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:
±338 sx of Type III or equivalent cement with 8% gel & LCM mixed at 11.9 ppg, 2.54 ft^3/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 1611 ft^3.

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.

B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (6600') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (6600') to 3,000'.

6. FORMATION TOPS:

Est. KB Elevation: 6692'

FORMATION	Sub-Sea	MD	FORMATION	TV Sub-Sea	MD
Ojo Alamo SS	5943	749	Gallup	1745	4947
Kirtland Shale	5789	903	Greenhorn	636	6056
Farmington SS			Graneros	585	6107
Fruitland Formation	5456	1236	Dakota 1*	547	6145
Lower Fruitland Coal	5067	1625	Dakota 2*	514	6178
Pictured Cliffs SS	5048	1644	Dakota 3*	488	6204
Lewis Shale	4823	1869	Dakota 4*	419	6273
Chacra SS	4239	2453	Dakota 5*	386	6306
Cliffhouse SS*	3537	3155	Dakota 6*	346	6346
Menefee**	3504	3188	Burro Canyon	297	6395
Point Lookout SS*	2575	4117	Morrison*	249	6443
Mancos Shale	2355	4337	**TD**	92	**6600**

* *Primary Objective* ** *Secondary Objective*

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

7. COMPANY PERSONNEL:

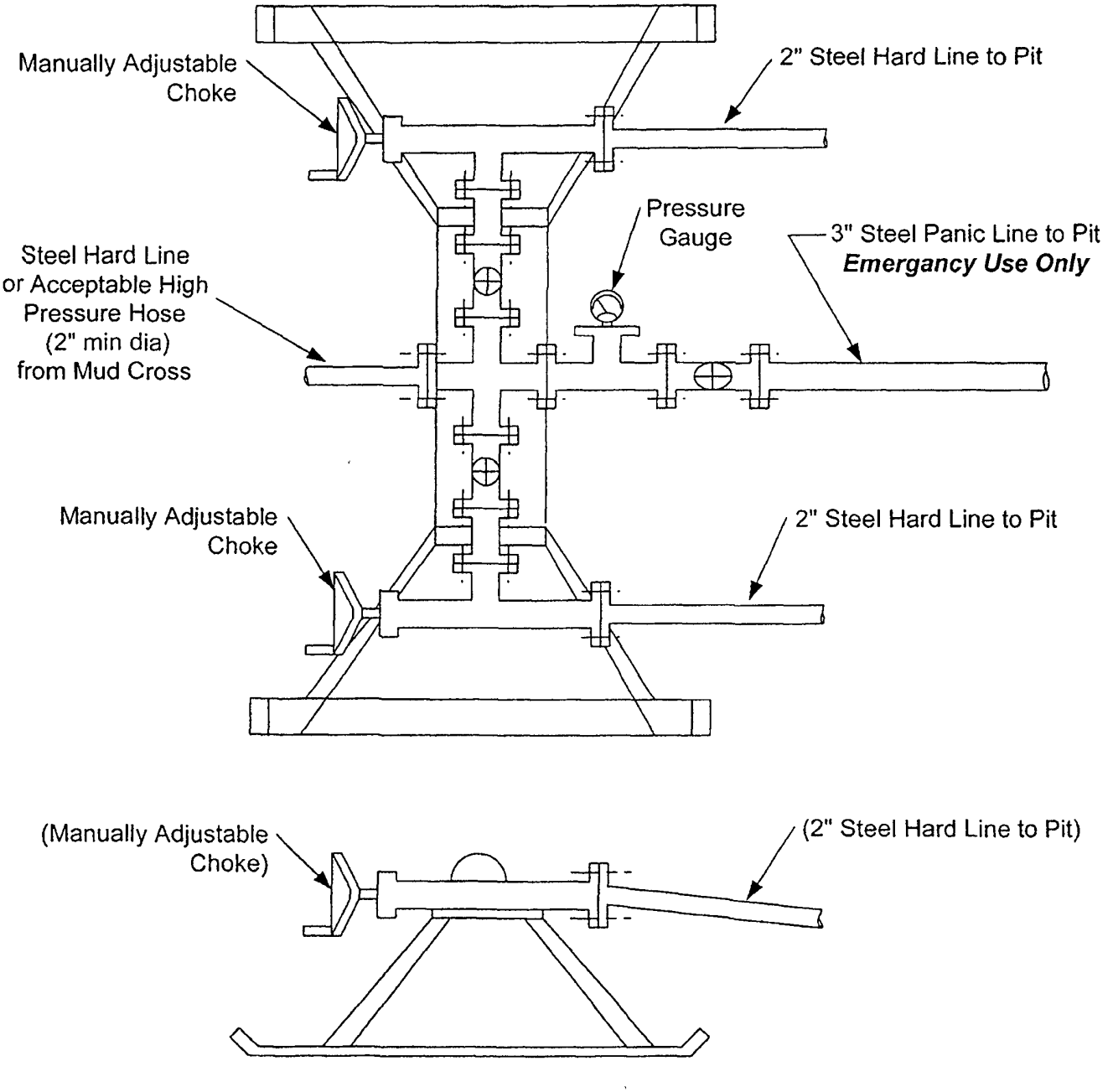
Name	Title	Office Phone	Home Phone
Justin Niederhofer	Drilling Engineer	505-333-3199	505-320-0158
Bobby Jackson	Drilling Superintendent	505-333-3224	505-486-4706
John Klutsch	Project Geologist	817-885-2800	--

JDN
9/25/09

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

TESTING PROCEDURE

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.



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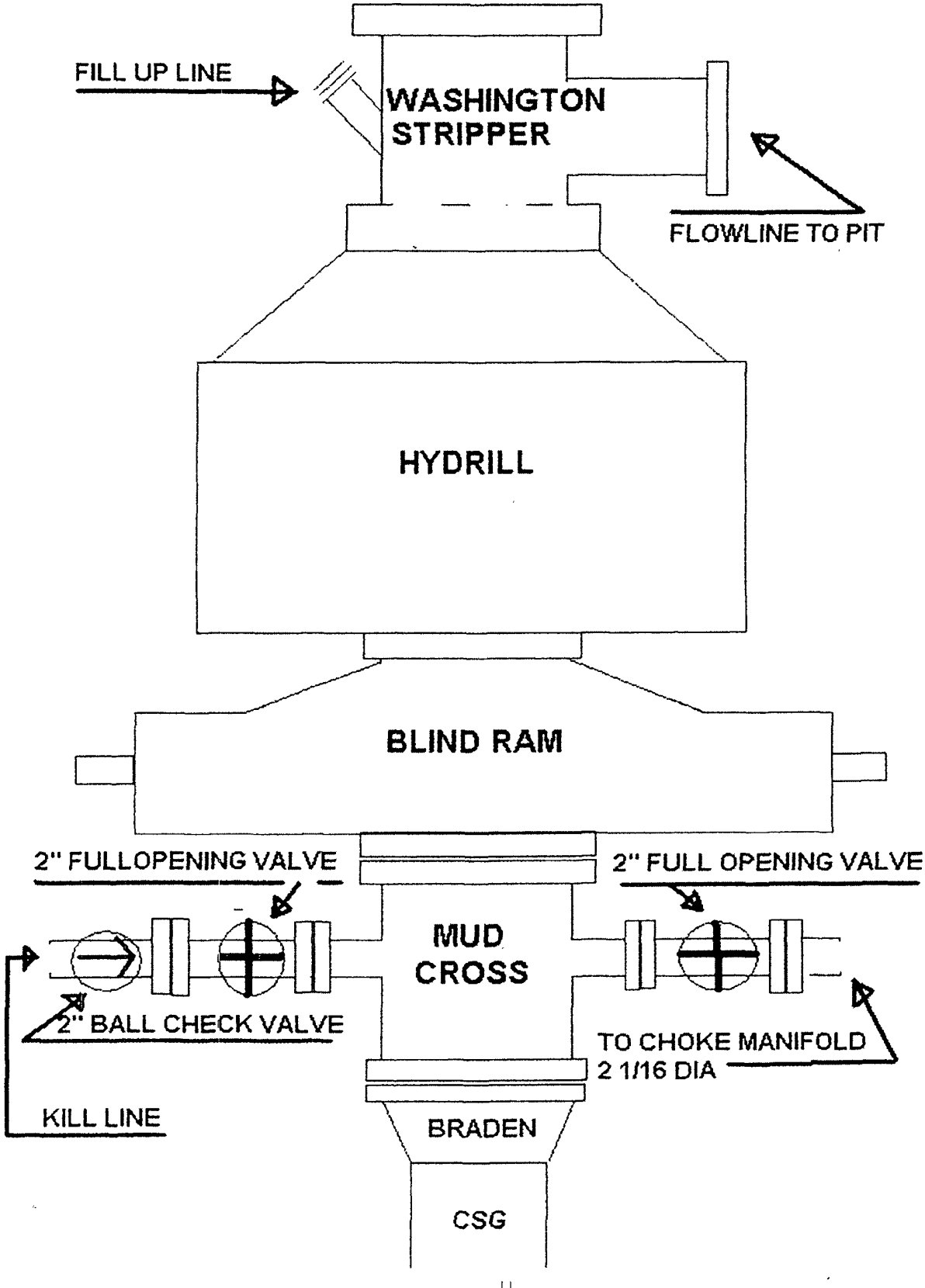
FILL UP LINE
WASHINGTON STRIPPER
FLOWLINE TO PIT
HYDRILL
BLIND RAM
2" FULLOPENING VALVE
2" FULL OPENING VALVE
MUD CROSS
2" BALL CHECK VALVE
TO CHOKE MANIFOLD
2 1/16 DIA
KILL LINE
BRADEN
CSG