

State of New Mexico
Energy, Minerals & Natural Resources

Form C-101
Revised March 17, 1999

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address XTO Energy Inc. 2700 Farmington Ave., Bldg. K. Ste 1		² OGRID Number 167067
⁴ Property Code 22706	⁵ Property Name Federal Gas Com "E"	³ API Number 30-045-32301
		⁶ Well No. #3

⁷ 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	30	30N	12W		1,980'	South	660'	East	San Juan

⁸ Proposed 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

⁹ Proposed Pool 1 Basin Fruitland Coal	¹⁰ Proposed Pool 2
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¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code Fee	¹⁵ Ground Level Elevation 5,566' Ground Level
¹⁶ Multiple N	¹⁷ Proposed Depth 1,775'	¹⁸ Formation Fruitland Coal	¹⁹ Contractor Stewart Bros.	²⁰ Spud Date Fall, 2004

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
8-3/4"	7"	20.0#, J-55, STC	220'	100 sx	Surface
6-1/4"	4-1/2"	10.5#, J-55, STC	1,775'	175 sx	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Surface: 100 sx of Type III cement w/2% CC & 1/4#/sx cello (14.8 ppg, 1.39 cuft). Circ to surface.

Production: 100 sx Type III w/8% gel & 1/4#/sx cello (11.4 ppg & 3.03 cuft/sx) followed by 75 sx Type III cmt w/1% CC & 1/4#/sx cello (14.5 ppg & 1.41 cuft/sx). Circ cement to surface.

Remarks: Use 40% excess over volume calculated from open hole logs to determine final cement volume.

BOP diagram is attached.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Jeffrey W. Patton</i> 4/14/04		Approved by: <i>[Signature]</i>	
Printed name: Jeffrey W. Patton		Title: DEPUTY OIL & GAS INSPECTOR, DIST. IV	
Title: Drilling Engineer		Approval Date: APR 14 2004	Expiration Date: APR 14 2005
Date:	Phone:	Conditions of Approval:	
		Attached <input type="checkbox"/>	

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

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

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-32301	² Pool Code 71629	³ Pool Name BASIN FRONTLAND COAL
⁴ Property Code 22706	⁵ Property Name FEDERAL GAS COM E	⁶ Well Number 3
⁷ OGRID No. 167067	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 5566

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	30	30-N	12-W		1980	SOUTH	660	EAST	SAN JUAN

¹¹Bottom 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 318.04	¹³ Joint or Infill S/Z	¹⁴ Consolidation Code I	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

16	LOT 1	SEC. CORNER FD 1 1/2" ALCAP LS 6159
LOT 2		
LOT 3	30	LAT: 36°46'56" N. (NAD 27) LONG: 108°07'55" W. (NAD 27)
LOT 4		
SEC. CORNER FD 3 1/4" BC BLM 1952	N 89-50-31 W	5283.5' (C)
		660'
		1980'
		N 00-04-13 E 5282.4' (C)

17 OPERATOR CERTIFICATION

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

Signature Jerry W. Patten

Printed Name JERRY W. PATTEN

Title DIRECTOR, ENGINEER

Date 4-13-04

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 MARCH 2004

Signature and Seal of Professional Surveyor: JOHN A. VUKOVICH

Certificate Number 14831

BOP SCHEMATIC 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).

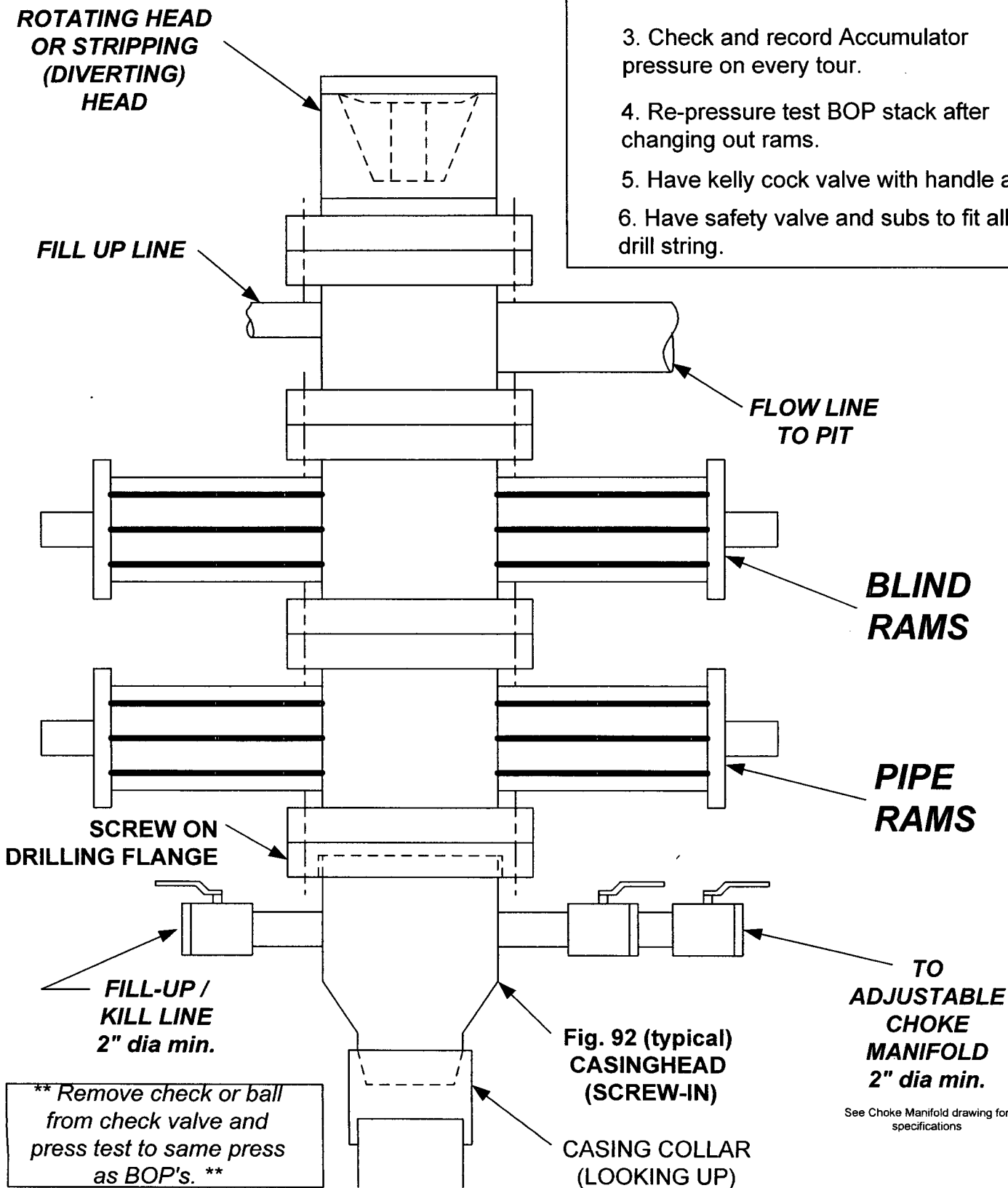
2. Test operation of (both) rams on every trip.

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.



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

