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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-101
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

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

[1] Operator Name and Address	[2] OGRID Number
XTO Energy Inc. 2700 Farington Ave. Ste 1 Bldg K Farmington, NM 87401	167067
	[3] API Number 30 - 045 - 32964

[3] Property Code	[5] Property Name	[6] Well No.
29078	Armenta Gas Com "G"	#2Y

[9] Proposed Pool 1	[10] Proposed Pool 2
Basin Fruitland Coal	

[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
P	27	29N	10W		675'	South	920'	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

Additional Well Information

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
N	G	Rotary	Private	5,534'
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
No	2040	Fruitland Coal	Stewart Brothers	3/17/05

Depth to Groundwater 30 feet | Distance from nearest fresh water well 1 mile | Distance from nearest surface water 2,000 feet

Pit: Liner: Synthetic ☑ _12__mils thick Clay ☐ Pit Volume:_1,000__bbls

Closed-Loop System ☐

Drilling Method:

Fresh Water ☑ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24.0#/ft	750'	450 sx	Surface
7-7/8"	5-1/2"	15.5#	2,000'	250 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: 450 sx Type III cement w/2% CC & 1/4# cello mixed @ 14.5 ppg, 1.41 cuft/sx. Circ cement to surf.

Production: 150 sx (lead) Type III cement w/8% gel, 1/4#/sx cello mixed @ 11.9 ppg, 2.54 cuft/sx followed by 100 sx (tail) Type III cement w/1% CC & 1/4# cello mixed @ 14.5 ppg, 1.41 cuft/sx. Circ cement to surf.

Final cement volumes will be 40% over open hole log volumes. Cement additives may change based on well conditions and availability of the additives. Cement densities will not be changed.

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. **I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☑, or an (attached) alternative OCD-approved plan ☐.**

Printed name: JW Patton

Title: Drilling Engineer

E-mail Address: Jeff_Patton@XTOEnergy.com

Date: 9/27/04 | Phone: 505 – 324 - 1090

OIL CONSERVATION DIVISION

Approved by:

Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approval Date: MAR 15 2005 | Expiration Date: MAR 15 2006

Conditions of Approval Attached ☐

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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	[2] Pool Code	[3] Pool Name
30-045-32964	71629	BASIN FRUITLAND COAL

[4] Property Code	[5] Property Name	[6] Well Number
29018	ARMENTA GAS COM G	2Y

[7] OGRID No.	[8] Operator Name	[9] Elevation
167067	XTO ENERGY INC.	5534

[10] Surface Location

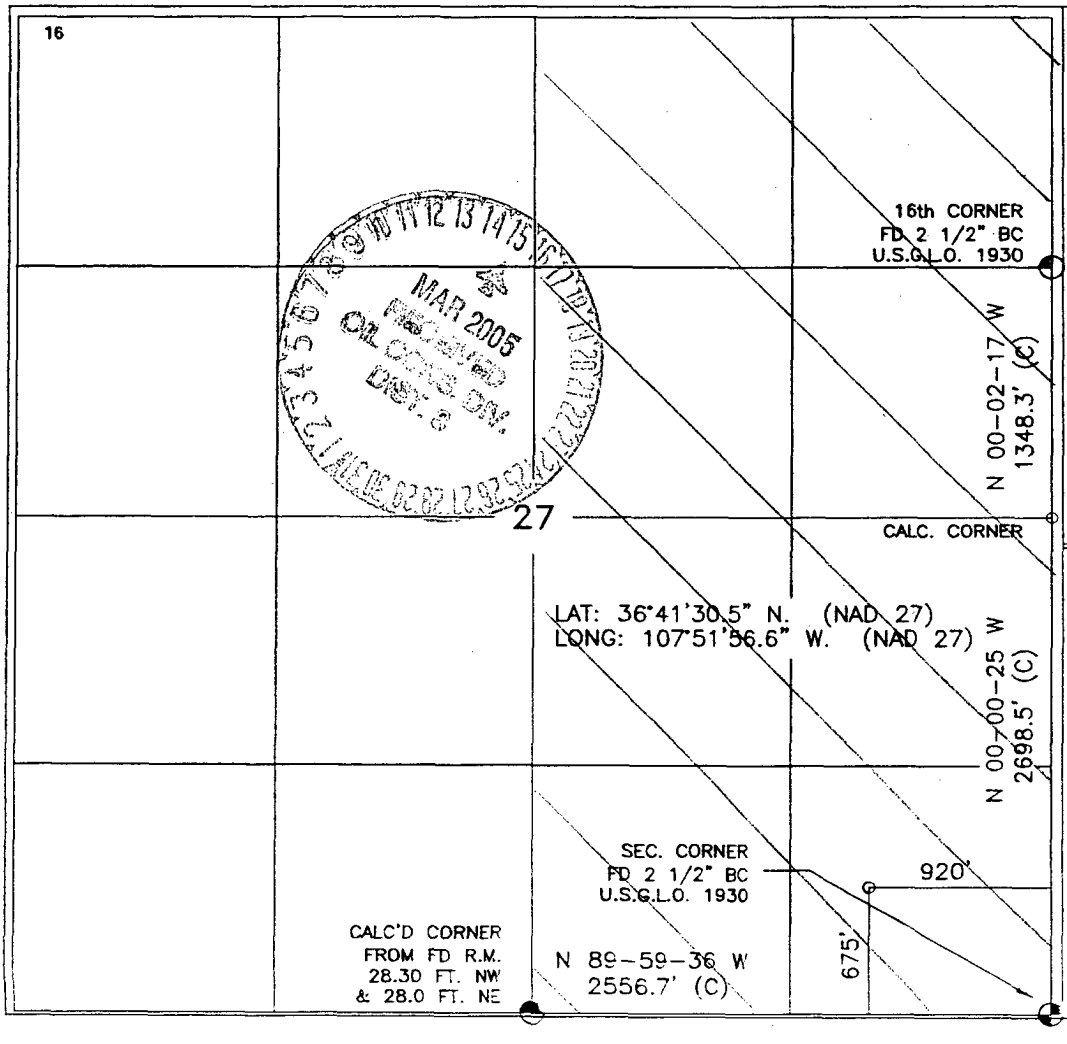
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	27	29-N	10-W		675	SOUTH	920	EAST	SAN JUAN

[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



[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

3-14-05
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.

Date of Survey

Signature and Seal of Professional Surveyor:

JOHN A. VUKONICH
NEW MEXICO
14831
REGISTERED PROFESSIONAL SURVEYOR

14831
Certificate Number

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 available and on the rig floor.

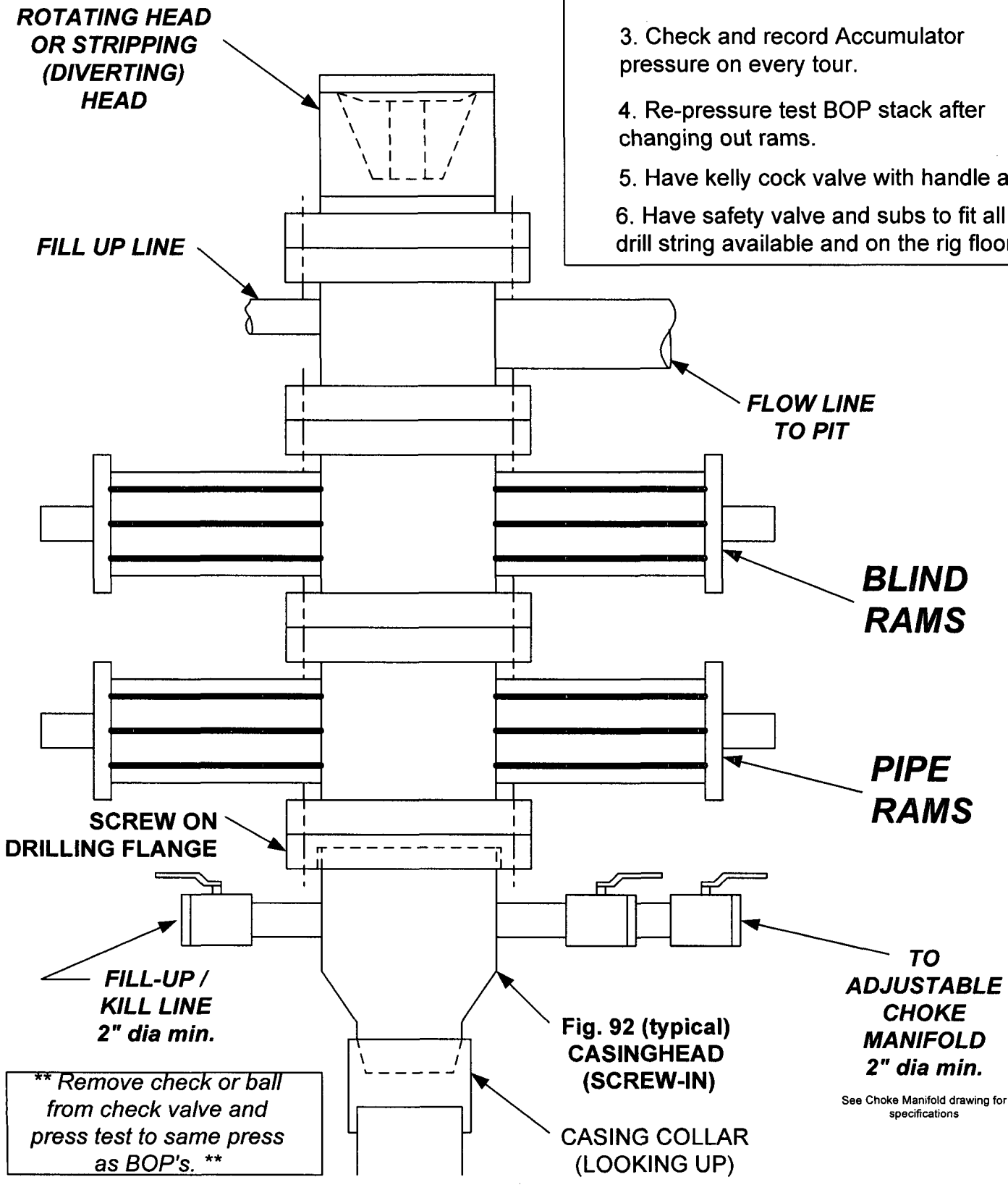


Fig. 92 (typical) CASINGHEAD (SCREW-IN)

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

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

TESTING PROCEDURE

1. Stake all lines from choke manifold to pit.
2. Pressure test choke monifold after installation.
3. Pressure test manifold at the same time with the BOP Stack. Test manifold to the same test pressures.