Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

RECEIVED 2002 SEP 10 PM 3:49

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
NM - 03380

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Florance #62F

2. Name of Operator
XTO Energy Inc.

9. API Well No.
30-045-31097

3a. Address
2700 Farmington Ave., Bldg. K, Ste 1 Farmington, NM 87401

3b. Phone No. (include area code)

10. Field and Pool, or Exploratory Area
Blanco Mesaverde, Chacra
Dakota, Gallup

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2,360' FNL & 1,923' FWL Sec 20, T27N, R08W

11. County or Parish, State
San Juan NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Complete an additional zone
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Coommpleted Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy Inc. recently requested approval to drill the above mentioned well to the Dakota formation. Due to a number of recent completions in the ~~Gallup~~ (Basin Mancos) formation, XTO Energy also request approval to complete this well in the ~~Gallup~~ Mancos. If the ~~Gallup~~ Mancos appears to be productive, it will be downhole commingled with the other formations in the same wellbore.

Please note: A copy of the drilling program (same as the one submitted for drilling to the Dakota formation) is attached for you review along with the C-102 plat.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)
Jeffrey W Patton

Title Drilling Engineer

Date 9/10/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **Original Signed: Stephen Mason**

Title

Date 9/13/02

Conditions of approval, if any, are attached. Approval of this notice 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.

Office

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.

(Instructions on reverse)

This well is currently Florance D #15C

They filed a Sundry To change the name to Florance #62F to reflect the Dakota completion - still at BLM — SH

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
	97232	WC BASIN MANCOS

[4] Property Code	[5] Property Name	[6] Well Number
	FLORANCE	62F

[7] OGRID No.	[8] Operator Name	[9] Elevation
167067	XTO ENERGY INC.	6769'

[10] Surface Location

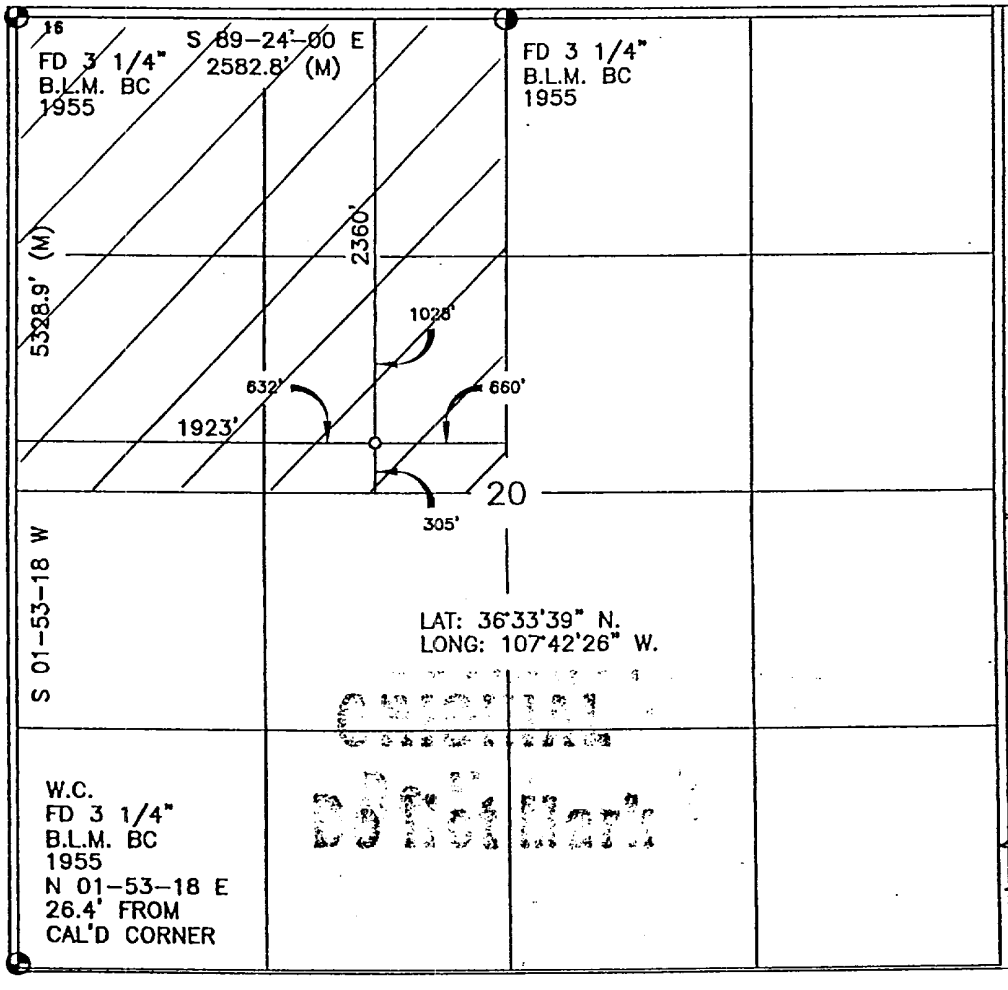
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	20	27-N	8-W		2360'	NORTH	1923'	WEST	SAN JUAN

[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.
160 NW/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

JW Patton
Signature

JEFFREY W PATTON
Printed Name

DRILLING ENGINEER
Title

9-4-02
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 knowledge.

SEPTEMBER 10, 2001
Date of Survey

Signature and Seal of Professional Surveyor:

NEW MEXICO
DAVID A. THOMPSON
14827
REGISTERED PROFESSIONAL SURVEYOR

14827
Certificate Number

XTO ENERGY INC.

Florance #62F
APD Data
September 10, 2002

Surface Location: 2,360' FNL & 1,923' FWL, Sec 20, T27N, R08W **County**: San Juan **State**: New Mexico

PROJECTED TOTAL DEPTH: ±7,700'
GR ELEV: 6,769'

OBJECTIVE: Dakota/Mesaverde/Chacra
Est KB ELEV: 6,782' (13' AGL)

1. MUD PROGRAM:

INTERVAL	0' to 265'	265' to 3,150'	3,150' to TD
HOLE SIZE	12-1/4"	8-3/4"	6-1/4"
MUD TYPE	FW/Native Mud	FW/Polymer	Air/Foam
WEIGHT	8.6-8.8	8.6-9.0	
VISCOSITY	28-32	29-34	
WATER LOSS	NC	NC	

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. RU air compressors after setting the intermediate csg. Drill with air or foam to TD.

2. CASING PROGRAM:

Surface Casing: 9-5/8" casing to be set at ± 265' in 8.6 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'-265'	265'	32.3#	H-40	STC	1370	2270	254	9.001	8.972	5.98	5.68	15.73

Intermediate Casing: 7" casing to be set at ±3,150' (MD) 3,150' (TVD) 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'-3,150' (MD)	3,150'	20.0#	J-55	STC	2257	3740	234	6.456	6.331	1.15	1.31	2.57

Production Casing: 4-1/2" casing to be set at 7,700' in air.

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'-7,700'	7,700'	10.5#	J-55	STC	4010	4790	132	4.052	3.927	1.33	1.20	1.90

3. WELLHEAD:

A. Bradenhead: 9-5/8" x 7" 2,000 psig WP (4,000 psig test).
Casinghead: 7" x 4-1/2" 3,000 psig WP (6,000 psig test).

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

3. WELLHEAD:

A. Bradenhead: 9-5/8" x 7" 2,000 psig WP (4,000 psig test).
Casinghead: 7" x 4-1/2" 3,000 psig WP (6,000 psig test).

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

A. Surface: 9-5/8", 32.3#, H-40, STC casing to be set at ± 265'.

Lead: **140 sx** of Class "B" (Standard) cement containing 2% $CaCl_2$, ¼ pps celloflake, mixed at 15.6 ppg, 1.18 ft^3/sk, & 5.20 gal wtr/sk.

Total slurry volume is 166 ft^3, 100% excess of calculated annular volume to 265'.

B. Intermediate: 7", 20.0#, J-55, STC casing to be set at ± 3,150' (MD).

Lead: **225 sx** of Class "B" (Standard) cement containing ±3% extender, ¼ pps celloflake and 2% CaCl2 mixed at 11.4 ppg, 2.88 ft^3/sk, 17.89 gal wtr/sx.

Tail: **50 sx** of Class "B" (Standard) cement containing ¼ pps celloflake and 2% CaCl2 mixed at 15.6 ppg, 1.18 ft^3/sk, 5.20 gal wtr/sx.

Total slurry volume is 707 ft^3, circulated to surface. This value is 50% (excess) over gage hole volume.

C: Production: 4-1/2", 10.5#, J-55, STC casing to be set at ±7,700'.

Lead: **327 sx** of Class "H" Premium Lite High Strength (65/35/6), ¼ pps celloflake, 2% KCl, 0.5% fluidloss, 0.2% dispersant & 2% Phenoseal mixed at 12.5 ppg, 2.01 ft^3/sk, 10.12 gal wtr/sx.

Total estimated slurry volume for the 4-1/2" production casing is 657 ft^3 for 4,750' of fill. Est. TOC should be @ 2,950'. 35% (excess) over gage hole volume has been added to the number of sacks indicated. We will unload the hole with nitrogen prior to cementing the production casing. Using a single completion grade slurry will usually circ into the 7" overlap without losing returns.

Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined for the caliper logs plus 35%..

5. LOGGING PROGRAM:

A. Mud Logger: The mud logger will come on the hole from 3,500' to TD (7,700').

B. Open Hole Logs as follows: Run Dual Induction/MSFL/GR/CAL/SP/CNL/LDT (lithodensity) from TD to the bottom of the intermediate csg (@ ±3,150' MD).

6. FORMATION TOPS:

Formation	Subsea Depth	Well Depth (MD)
Ojo Alamo SS	+4854'	1930'
Kirtland Shale	+4699'	2085'
Farmington Sanstone	+4617'	2167'
Fruitland Formation	+4225'	2559'
Lower Fruitland Coal	+4028'	2756'
Pictured Cliffs SS	+3961'	2823'
Lewis Shale	+3836'	2948'
Chacra Sandstone	+3050'	3734'
Cliffhouse SS	+2383'	4401'
Menefee	+2279'	4505'
Point Lookout SS	+1683'	5101'
Mancos Shale	+1351'	5433'
Gallup Sandstone (Mancos)	+505'	6279'
Greenhorn Limestone	-292'	7076'
Graneros Shale	-354'	7138'
1st Dakota	-398'	7182'
2nd Dakota	-432'	7216'
3rd Dakota	-461'	7245'
4th Dakota	-513'	7297'
5th Dakota	-558'	7342'
6th Dakota	-591'	7375'
Burro Canyon Ss	-631'	7415'
Morrison	-663'	7447'
Projected TD	-916'	7700'

7. COMPANY PERSONNEL:

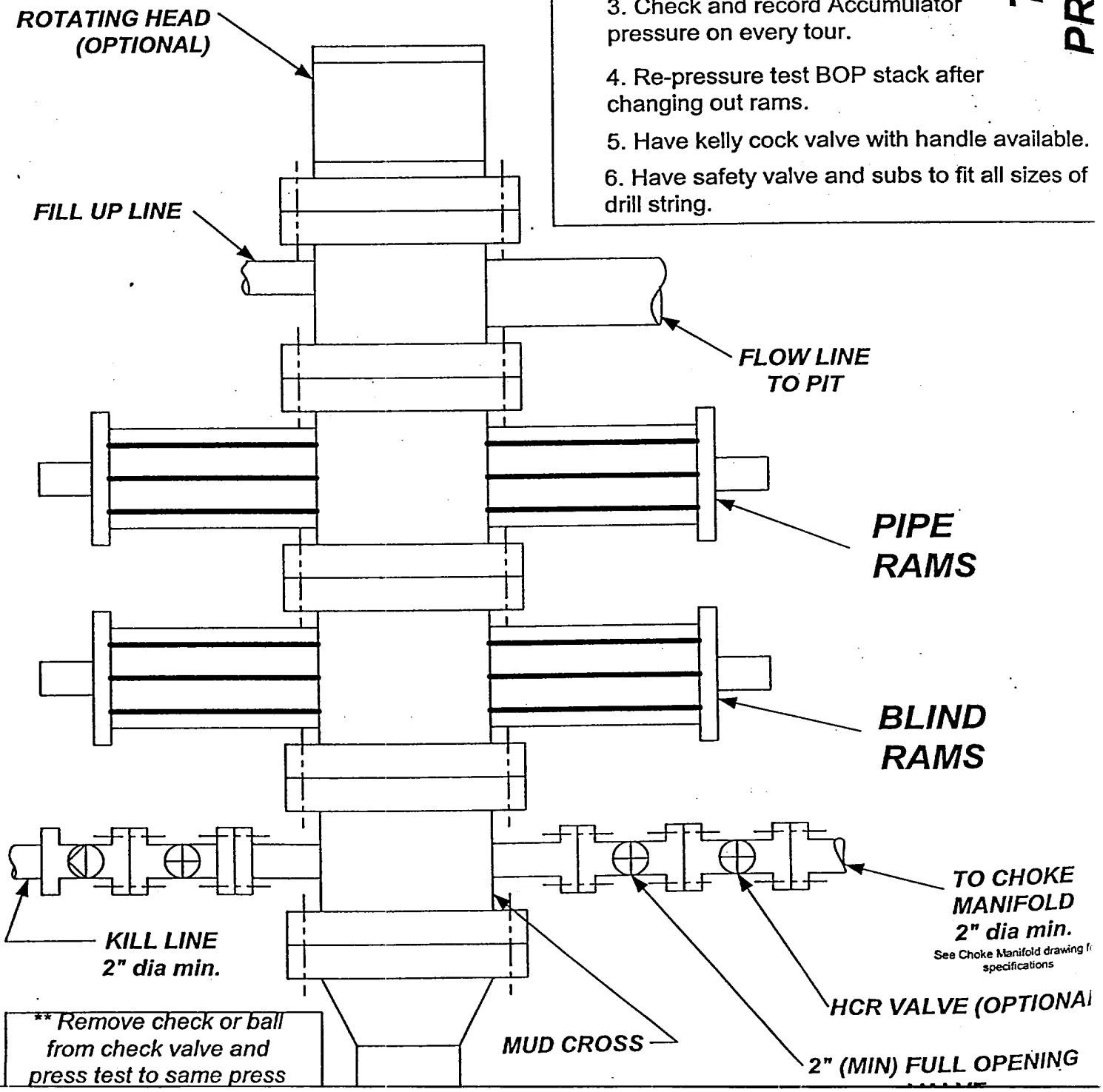
Name	Title	Office Phone	Home Phone
Jeff Patton	Drilling Engineer	505-324-1090	505-632-7882
Dennis Elrod	Drilling Foreman	505-486-6460 cell	505-326-2024
Randy Hosey	Project Geologist	817-885-2398	817-427-2475
Barry Voigt	Reservoir Engineer	817-885-2462	817-540-2092

JWP
9/10/02

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

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.