Form 3160-3
(August 1999)

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL OR REENTER

070 Farmington, NM

5. Lease Serial No. **NMSF-078872A**

6. If Indian, Allottee or Tribe Name **N/A**

1a. Type of Work: ☑ DRILL ☐ REENTER

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

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

8. Lease Name and Well No. **Bolack 9 #3**

2. Name of Operator **XTO Energy Inc.**

9. API Well No. **30-045- 32079**

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

3b. Phone No. *(include area code)* **(505) 324-1090**

10. Field and Pool, or Exploratory **Basin Fruitland Coal**

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface **1050' FSL & 895' FWL**

At proposed prod. zone **Same**

11. Sec., T., R., M., or Blk. and Survey or Area **M 9-27n-11w NMPM**

14. Distance in miles and direction from nearest town or post office* **9 air miles S of Bloomfield, New Mexico**

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)	16. No. of Acres in lease	17. Spacing Unit dedicated to this well
895'	**2,401.76**	**W2 (320 acres)**
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. **152'***	19. Proposed Depth **2,000'**	20. BLM/BIA Bond No. on file **BLM nation wide: 57 91 73**
21. Elevations (Show whether DF, KDB, RT, GL, etc.) **6,197' ungraded**	22. Approximate date work will start* **Upon Approval**	23. Estimated duration **2 weeks**

24. Attachments

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.

Comments

*Burlington's Frontier B 2 E which is a Dakota well.

AUG 2005
RECEIVED
OIL CONS. DIV.
DIST. 3

HOLD C104 FOR Change in status to: Bolack 9 #1

cc: BLM (& OCD), Burlington, NAPI, Patton

25. Signature	Name *(Printed/Typed)*	Date
Brian Wood	Brian Wood	12-14-03

Title **Consultant** Phone: 505 466-8120 FAX: 505 466-9682

Approved by *(Signature)*	Name *(Printed/Typed)*	Date
Jim Lovato		8/22/05

Title Acting Field Manager - Min. Office

Application approval does not warrant or certify the 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.

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

NMOCD

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

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
-	71629	BASIN FRUITLAND COAL

[4] Property Code	[5] Property Name	[6] Well Number
30316	BOLACK 9	3

[7] OGRID No.	[8] Operator Name	[9] Elevation
167067	XTO ENERGY INC.	6197'

[10] Surface Location

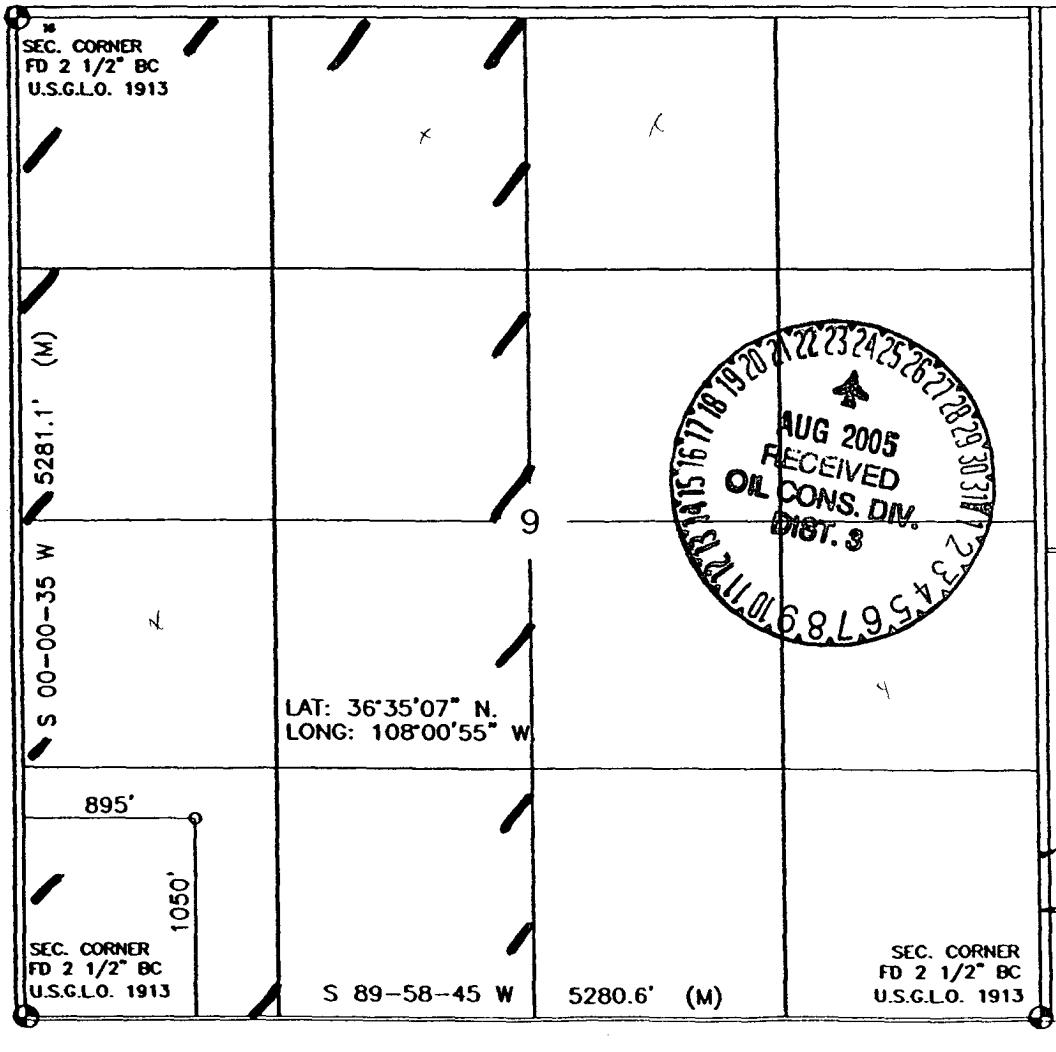
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	9	27-N	11-W	-	1050	SOUTH	895	WEST	SAN JUAN

[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.
320			

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

BRIAN WOOD
Printed Name

CONSULTANT
Title

DEC. 14, 2003
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.

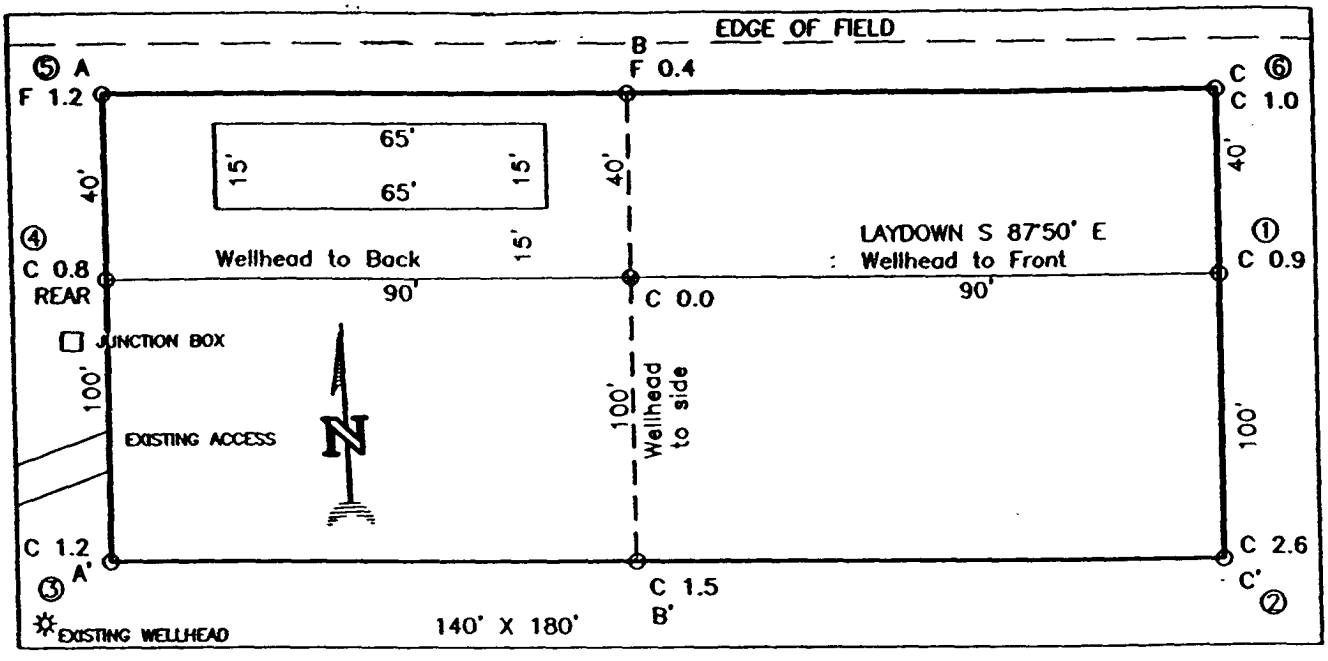
8-1-03
Date of Survey

Signature and Seal of Professional Surveyor:

14827
Certificate Number

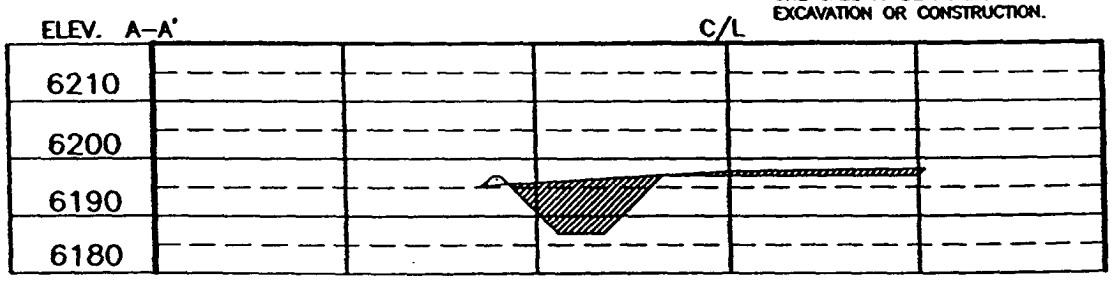
XTO ENERGY INC.
BOLACK 9 No. 3, 1050' FSL 895' FWL
SECTION 9, T27N, R11W, N.M.P.M., SAN JUAN COUNTY, N. M.
GROUND ELEVATION: 6197', DATE: APRIL 23,2003

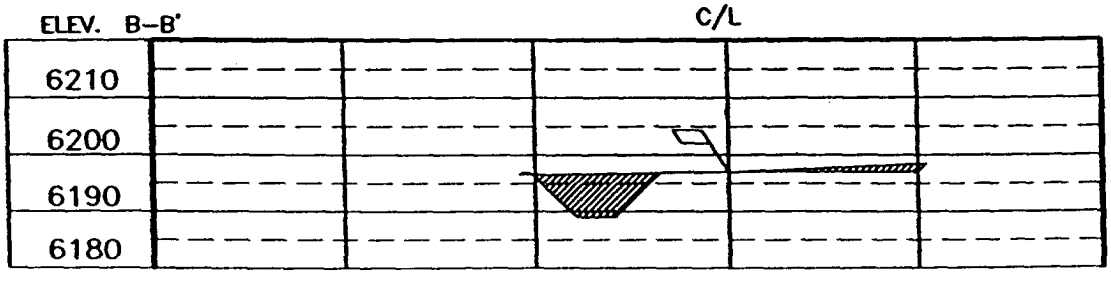
LAT. = 36°35'07" N.
LONG. = 108°00'55" W

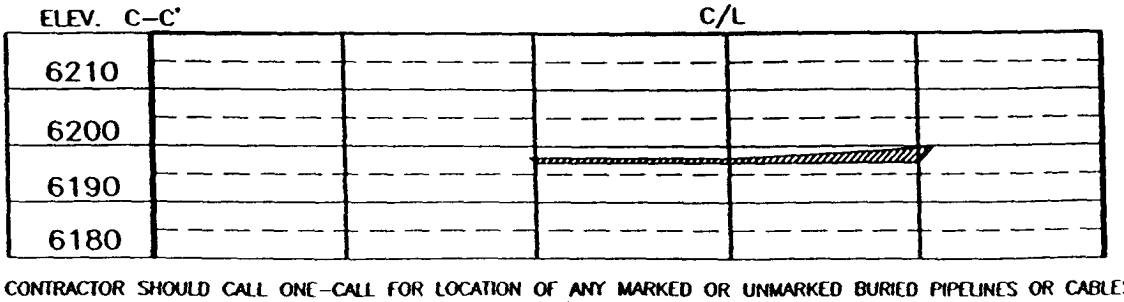


RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW – 3' WIDE AND 1' ABOVE SHALLOW SIDE).
BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

NOTE: DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.







NOTE: CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

DRAWN BY: B.L. ROW#: CR182 CADFILE: CR182CF8 DATE: 07/29/03

Daggett Enterprises, Inc.
Surveying and Oil Field Services
P. O. Box 15068 Farmington, NM 87401
Phone (505) 326-1772 Fax (505) 326-6019

XTO Energy Inc.
Bolack 9 #3
1050' FSL & 895' FWL
Sec. 9, T. 27 N., R. 11 W.
San Juan County, New Mexico

Drilling Program

1. ESTIMATED FORMATION TOPS

Formation Name	GL Depth	KB Depth	Sub Sea Elevati
Nacimiento Fm	000'	5'	+6,197'
Ojo Alamo Ss	797'	802'	+5,400'
Kirtland Shale	952'	957'	+5,245'
Fruitland Coal	1,657'	1,662'	+4,540'
Pictured Cliffs Ss	1,859'	1,864'	+4,338'
Total Depth (TD)*	2,000'	2,005'	+4,197'

* all elevations reflect the ungraded ground level of 6,197'

2. NOTABLE ZONES

Gas & Oil Zones	Water Zones	Coal Zone
Fruitland	Nacimiento	Fruitland
Pictured Cliffs	Ojo Alamo	
	Fruitland	

Water zones will be protected with casing, cement, and weighted mud. Fresh water found while drilling will be recorded. Oil or gas shows will be tested for commercial potential based on the geologist's recommendations.

3. PRESSURE CONTROL

The drilling contract has not yet been awarded, thus the exact BOP system to be used is not yet known. A typical 2,000 psi stack, manifold, and testing procedures are on Page 3.

4. CASING & CEMENT

Hole Size	O. D.	Weight (lb/ft)	Grade	Age	Connection	GL Setting De
8-3/4"	7"	20	K-55	New	S T & C	160'
6-1/4"	4-1/2"	10.5	K-55	New	S T & C	2,000'

Surface casing will be cemented to the surface with ≈50 cubic feet (≈43 sacks) Class B + 1/4 lb/sk cello-flake + 2% $CaCl_2$. Yield = 1.18 cubic feet per sack. Weight = 15.2 pounds per gallon. Volume: ≥ 100% excess. A guide shoe and insert float will be used. W. O. C. =12 hours. Surface casing will be tested to 1,500 psi for 30 minutes.

Production casing will be cemented to the surface. Total cement: ≥ 417 cubic feet. Volumes are calculated at >100% excess. If cement does not circulate to surface, then a temperature survey will be run to determine the actual cement top as needed. W. O. C. = 12 hours. Test to 2,000 psi.

Lead cement will be ≈175 sacks Class B light cement (65% cement/35% Poz with 6% gel) with 5 #/sack gilsonite + 1/4 #/sack Flocele. Yield = 1.99 cu ft/sk. Weight = 12.4 #/gal.

Tail cement will be ≈50 sacks 50/50 Class B Poz with 2% gel + 1/4#/sack Flocele + 0.5% Halad-9. Yield = 1.38 cubic feet/sack. Weight = 13.5 #/gallon.

Cement equipment will include a guide shoe, float collar, and 10 centralizers.

5. MUD PROGRAM

Range	Mud Type	Weight
0' - 160'	Fresh-Spud	8.4
160' - TD	LSND	8.6

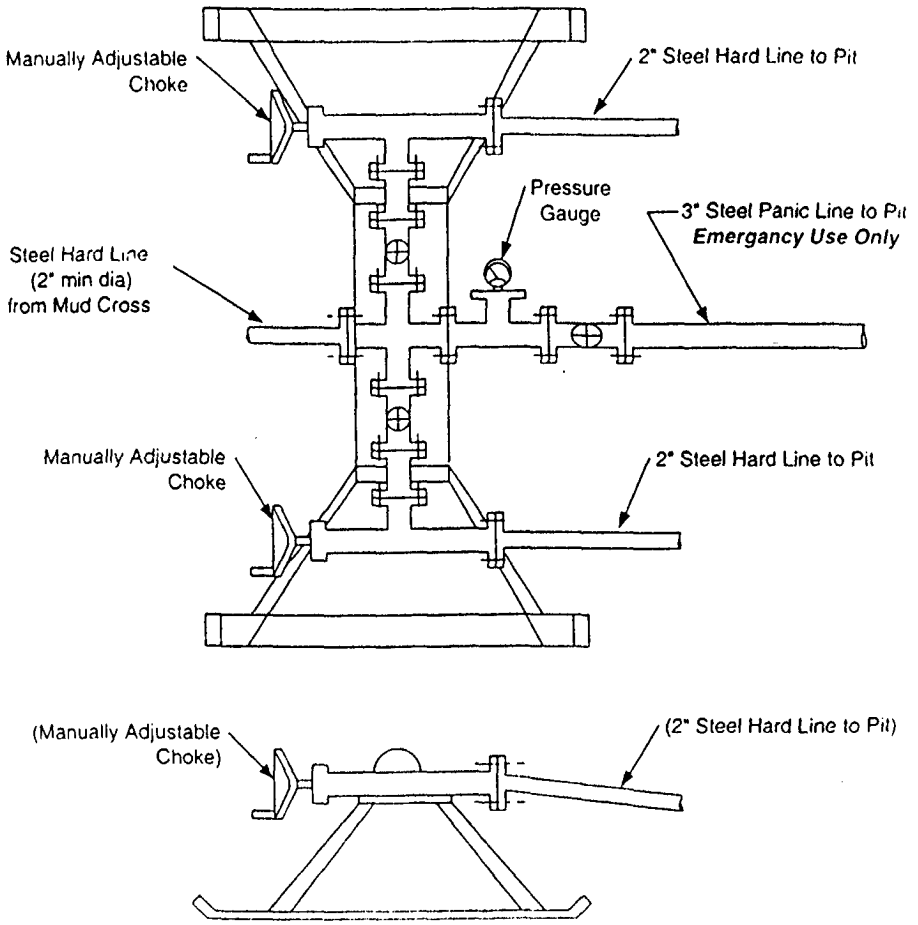
Lost circulation and absorption material will be on location.

Cross Timbers Operating Company

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.



Cross Timbers Operating Company

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

TESTING PROCEDURE

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 availabl
6. Have safety valve and subs to fit all sizes drill string.