Form 3160-3 (April 2004)*

UNITED STATES DEPARTMENT OF THE INTERIOR RURFALL OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires March 31, 2007

| ø | BUREAU OF LAND | | Explies Maich 31, 2007 | | | | |
|---|--|--------------------------|--|---------------------------------------|--|-----------------------|--|
| - | APPLICATION FOR PERMIT | | Lease Serial No. | | | | |
| la. Type of Work | DRILL | REENTE | L 18 AM 0 13 | 6. I | f Indian, Allotee or | Tribe Name | |
| 1b. Type of Well | | _ | _ | 7.1 | N/A 7. Unit or CA Agreement Name and No. | | |
| ib. Type of wen | Oil Well 🔀 Gas Well | Other | Single Zone Multiple Zone | · 1 | N/A | | |
| 2. Name of Operato | r | 670 | FARMINGTON | 8.1 | ease Name and We | II No. | |
| XTO Energy In | e. | 0:0 | 3b. Phone No. (include area coo | | LC KELLY #2F | | |
| | ton Ave., Bldg. K. Ste 1 Fa | erminatan. | | 9.7 | API Well No. | 33240 | |
| 4. Location of Well | (Report location clearly and in accordance | e with any Stat | e equirements)* | 10.1 | Field and Pool, or Ex | | |
| At surface 18 | 10' FNL x 665' FEL in Sec 5 | , T30N, R1 | .2W | | BASIN DAKOTA | | |
| At proposed prod. | zone | | | 1.1 | | Blk. and Survey or Ar | |
| | SAMS | ~ | | 12.0 | S5, T30N, R12 County or Parish | W 13. State | |
| | and direction from nearest town or post off | | TWI-L- 190 Dark 0551 | - 1 | • | | |
| 5/ Distance from pr | prox 3.29 air miles northwe | St of Flor | 16. No. of Acres in lease | | n <i>J</i> uan g Unit dedicated to t | his well | |
| location to neares | st line, ft. 665' | | 2410.24 | i i i i i i i i i i i i i i i i i i i | E/2 29 | 7 89 1 | |
| | drg. unit line, if any) | | | | | ,100 | |
| Distance from pre- to nearest well, d | oposed location* rilling, completed, | | 19. Proposed Depth | 20.BLM/ | BIA Bond No. on f | ile | |
| applied for, on th | | | 7100' | | | | |
| 1. Elevations (Show | levations (Show whether DF, KDB, RT, GL, etc. 22. Approximate date work will start* | | | | | tion | |
| 5894' Gro | und Elevation | | fall 2005 | | 21 Weeks | | |
| | eted in accordance with the requirements of | <u> </u> | Attachments | | m: (© 0 4) | 4. 3 | |
| | lan (if the location is on National Forest Sy led with the appropriate Forest Service Off | • | 4. Bond to cover the operation ltem 20 above). 5. Operator certification. 6. Such other site specific in authorized officer. | | E S | ron S | |
| 25. Signyature | 1.6 | IN | ame (Printed/Typed) | | Date | 8717 30 M | |
| Kyla | Vaughan | | Yala Vaughan | | | 07/15/05 | |
| Title Regulatory | Compliance Tech | · | | | | | |
| Approved by (Signau | tre) | N | lame (Printed/Typed) | | Date | | |
| Idard | Admis | | ROLAND ADAMS | ., S | 06. | /11/05 | |
| Title | | C | Office | | · · · · · / | | |
| ACTING | L Arch. | | FARMINGTON | DIS | TRICT C | FFICE | |
| onduct operations th | does not warrant or certify that the appli lereon. al, if any, are attached. | icant holds lega | | | | | |
| Fitle 18 U.S.C. Section | on 1001 and Title 43 U.S.C. Section 1212, | make it a crime | e for any person knowlingly and willfu | lly to make | to any department of | or agency of the Unit | |
| States any false, fictit | ious or fraudulent statements or representa | tions as to any | matter within its jurisdiction. | | | | |
| (Instructions on page | DRILLING OPERATIONS AUTHO SUBJECT TO COMPLIANCE WIT SUBJECT TO COMPLIANCE WIT SUBJECT TO COMPLIANCE WIT | RIZED ARE 'H ATTACHED | This action is subject procedural review pu and appeal pursuant | rsuant to 4 | 3 CFR 3165.3 | | |
| AUG AUG COA COA COA | | ı | APD | | 20 | W | |
| £.7 | 27 | • | | # | WA COMPANY | | |

MILLED

DISTRICT IV 1220 South St. Francia Dr., Santa Fe, NW 87505

State of New Mexico Energy, Winerste & Natural Resources Department

OIL CONSERVATION DIVISION 1 3 1220 South St. Francis Or. South Fe, NM 87505

Form C-102 Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

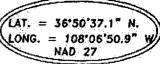
AMENDED REPORT

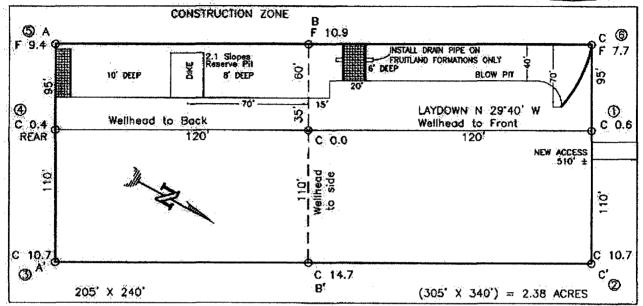
| | WELL LOC | CATION AND AC | GREAGE DEDI | | | india i Amerikan karanjaran kalikalahan da Fransakan kan il Santan Jawa (1884). | |
|----------------------------------|-----------------------------|--|-------------------------------|--|--|--|--|
| 'API Number | 1712 | åå | Rasio | Pool Name | $\Delta \mathcal{L}$ | | |
| Property Code | | ⁹ Properly | Norme | COCK IC | | fell Number | |
| 22620 | | LC RELLY 2F | | | | | |
| TOGRED HA | | *Operator XTO ENERG | | | | Elevation 5894 | |
| <u>10706.1</u> | | | | | | | |
| JE or lot no. Section | Township Ronge L | 10 Surface of ldn Feet from the | LOCGUON North/South line | Feet from the | East/West line | County | |
| н 5 | 30-N 12-W | 12 1810 | NORTH | 665 | EAST | SAN JUAN | |
| | "Bellon | The state of the s | ll Different From | the same of the sa | | | |
| UL or lot no. Section | Township Ronge I | of Ida Feet from the | North/South line | Feat from the | East/West the | County | |
| Dedicated Acres | Publish on Intil | "Consolidation C | 200 | GOrder No. | 4 | anan anang pada anang kanan katan kata | |
| PPG 213 | 79 | | | | | | |
| | WILL BE ASSIGNED | TO THIS COMPLETE | ON UNTIL ALL I | NTERESTS H | AVE BEEN CO | INSOLIDATED | |
| | OR A NON-STAN | | | BY THE DI | VISION | | |
| | OTR. CORNER FO 3 1/4" BC | N 69-03 26 23 | -33 W CAC'D | COR. 17 (| OPERATOR CE | RTIFICATION | |
| | 1951 B.L.M. | LOT 6 | LOT 5 | 1 745 C 10 2 C 1 | y that the information cor lets to the best of my in | | |
| LOT B | LOT 7 | \ 101.0 | 1 10 m | | | | |
| | | | 0 8 | ତ୍ର 🏻 | | | |
| 회사의 교통하다는 경우 회사 - 건강하는 교통 - 전 | | | E 15 | 6 | | 010111277 | |
| | | | | 34. 1 | , A | ₹8°° | |
| | | | 1 | Koll | u KImala | 0.294 N | |
| | LON | T: 36:50'37.1" N. G: 108'06'50.9" W. | (NAD 27) (NAD 27) 66 | Kelly K. | Small 4 | 1000 PM | |
| LOT 9 | LOT 10 | LOT M | LOT 1 | 2 Drilling A | ssistant m | 6 6 6 CO | |
| | | | | | 10702 | o on | |
| | | | | | W. | Elec | |
| | | | 0794 CO 19 3 744 1976 1 | RNER IS CI | JRVEYOR CER | 82129250 | |
| | | | 1978 1 | I hereby carl | by that the well location | n shown on this plet | |
| LOT 16 | LOT 15 | LOT 14 | 1.07 1 | or under my | on hald notes of action supervising, and that L | he some is true and | |
| | | | | correct to the | OF THE PARTY OF TH | | |
| | | | | | | | |
| | | | | ~ falls | MILLIPHO | Garage: | |
| | | | | I VILL | ヘンプノイ | | |
| | | | | 100 | 15/4 | 75 | |
| LOT 17 | LOT 18 | LOT 19 | SQT 2 | | POPESSION | | |
| | | | | | 14831 | | |

| Submit 3 Copies To Appropriate District Office | State of New M Energy, Minerals and Natu | | | Form C-103 May 27, 2004 |
|---|---|----------------------------|--------------------------------------|--------------------------------|
| District I | Elicigy, Millicials and Man | urar Resources | WELL API NO. | Way 27, 2004 |
| 1625 N. French Dr., Hobbs, NM 87240 District II | OIL CONSERVATIO | N DIVISION | | |
| 1301 W. Grand Ave., Artesia, NM 88210 District III | 1220 South St. Fr | | 5. Indicate Type of I | _ease |
| 1000 Rio Brazos Rd., Aztec, NM 87410 | Santa Fe, NM | 87505 | STATE 🗌 | FEE 🗌 |
| District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 | | | 6. State Oil & Gas L | ease No. |
| SUNDRY NOTIC (DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVOIR. USE "APPLIC | | OR PLUG BACK TO A | 7. Lease Name or U | nit Agreement Name: |
| PROPOSALS.) | (| ,, | 8. Well Number | |
| 1. Type of Well: Oil Well Gas Well X | Other | | 8. Well Number | |
| 2. Name of Operator | Other | | 9. OGRID Number | |
| XTO Energy Inc. | | | 16706 | 57 |
| 3. Address of Operator | | | 10. Pool name or W | ildcat |
| 2700 Farmington Ave., Bldc | . K. Ste 1 Farmington, N | MM 87401 | BASIN DAKOTA | |
| 4. Well Location | • | | | |
| Unit Letter H: | 1810 feet from the NC | DRTH line and | 665 feet from | the EAST line |
| Section 5 | Township 30N | Range 12W | NMPM NMPM | County SAN JUAN |
| | 11. Elevation (Show whether | | c.) | |
| Pit or Below-grade Tank Application X | | | | >200'41000', |
| Pit type DRILL Depth to Groundwater | | sh water well 1 MILE Dis | tance from nearest surface | اد/الا |
| Pit Liner Thickness: 12 mil | Below-Grade Tank: Volume | | | |
| NOTICE OF INTE | PLUG AND ABANDON | SUB REMEDIAL WORK | SEQUENT REPO | ORT OF: ALTERING CASING |
| TEMPORARILY ABANDON | CHANGE PLANS | COMMENCE DRILLI | NG OPNS | PLUG AND ABANDONMENT |
| PULL OR ALTER CASING | MULTIPLE COMPLETION | CASING TEST AND CEMENT JOB | | |
| OTHER: PIT | X | OTHER: | | |
| 13. Describe proposed or completed of starting any proposed work). or recompletion. | | | | |
| with NMOCD guidelines when | | | pit will be closed | AUG 2005 CONS. ON. |
| I hereby certify that the information a grade tank has been/will be constructed or | | | | |
| SIGNATURE TYLO W | | | ompliance Tech [| OATE <u>07/15/05</u> |
| Type or print name Kyla Vaughan | <u> </u> | -mail address: ky: | la_vaughan@xtoener Telepho | gy.com one No. 505-564-6726 |
| For State Use Only | 11 | : | | |
| APPROVED BY | TI TI | ITLEEPUTY OIL & GAS | INSPECTOR, DIST. 65 | ATE <u>AUG 1 5 200</u> 5 |
| Conditions of Approval, if any: / | V | | • | NUMBER D |

EXHIBIT D

XTO ENERGY INC. L.C. KELLY No. 2F, 1810' FNL 665' FEL SECTION 5, T30N, R12W, N.M.P.M., SAN JUAN COUNTY, N. M. GROUND ELEVATION: 5894', DATE: FEBRUARY 22, 2005





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

DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PRELINES. NEW MEXICO ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION. NOTE: C/I ELEV. A-A AUG 5900 5890 5880 5870 C/L ELEV. B-B' 5900 5890 ng and Oil Fleid Services x 15053 · Fermington, NU 87401 6) 206-1772 · Fox (505) 226-6019 5880 aggett Enterprises, Inc. 5870 C/L ELEV. C-C' 5900 Surveying . P. O. Box 150 Phone (505) 32 NEW MED 5890 5880 5870 CONTRACTOR SHOULD CALL ONE-CALL FOR LOGATION 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. NOTE:

XTO ENERGY INC.

LC Kelly #2F APD Data July 12, 2005

Location: 1,810' FNL x 665' FEL Sec 5, T30N, R12W

County: San Juan

State: New Mexico

GREATEST PROJECTED TD: 7,100'

APPROX GR ELEV: 5,894'

OBJECTIVE: <u>Basin Dakota</u> Est KB ELEV: 5,906' (12' AGL)

1. MUD PROGRAM:

| INTERVAL | 0' to 360' | 360' to 4,000' | 4,000' to TD |
|------------|-------------|----------------|---------------------|
| HOLE SIZE | 12-1/4" | 7-7/8" | 7-7/8" |
| MUD TYPE | FW/Spud Mud | FW/Polymer | LSND / Gel Chemical |
| WEIGHT | 8.6-9.0 | 8.4-8.8 | 8.6-9.0 |
| 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:

8-5/8" casing to be set at \pm 360' in a 12-1/4" hole filled with 8.8 ppg mud

| | | | | | Coll | Burst | | | | | | |
|----------|--------|-------|------|------|--------|--------|---------|-------|-------|------|-------|-------|
| | | | | | Rating | Rating | Jt Str | ID | Drift | SF | SF | SF |
| Interval | Length | Wt | Gr | Cplg | (psi) | (psi) | (M-lbs) | (in) | (in) | Coll | Burst | Ten |
| 0'-360' | 360' | 24.0# | J-55 | STC | 1370 | 2950 | 244 | 8.097 | 7.972 | 7.32 | 7.95 | 29.39 |

Production Casing:

5-1/2" casing to be set at TD ($\pm 7,100$ ') in 7-7/8" hole filled with 9.0 ppg mud.

| | | | | | | | | | | 110 | | |
|----------|--------|-------|------|------|--------|--------|---------|-------|-------|------|-------|------|
| | | | | | Coll | Burst | | | | | | |
| | | | | | Rating | Rating | Jt Str | ID. | Drift | SF | SF - | SF |
| Interval | Length | Wt | Gr | Cplg | (psi) | (psi) | (M-lbs) | (in) | (in) | Coll | Burst | Ten |
| 0'-TD | 7,100' | 15.5# | J-55 | STC | 4040 | 4810 | 202 | 4.950 | 4.825 | 1.25 | 1.48 | 1.88 |

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, 8-5/8" 8rnd thread on top.



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

A. Surface:

8-5/8", 24#, J-55, STC casing to be set at \pm 360' in 12-1/4" hole.

210 sx of Type III cement (or equivalent) typically containing accelerator and LCM, mixed at 14.5 ppg, 1.39 ft³/sk, & 6.70 gal wtr/sk.

Total slurry volume is 297 ft³, 100% excess of calculated annular volume to 360'.

B. <u>Production:</u> 5-1/2", 15.5#, J-55 (or K-55), STC casing to be set at $\pm 7,100$ ' in 7-7/8" hole. DV Tool set @ $\pm 4,000$ '

1st Stage

LEAD:

±225 sx of Premium Lite HS (or equivalent) with salt, dispersant, fluid loss & LCM mixed at 12.5 ppg, 2.01 ft³/sk, 10.55 gal wtr/sx.

TAIL:

150 sx Type III cement (or equivalent) with bonding additive, LCM, dispersant & fluid loss mixed at 14.2 ppg, 1.54 cuft/sx, 8.00 gal/sx.

2nd Stage

LEAD:

 ± 500 sx of Type III cement (or equivalent) with gel & LCM mixed at 11.9 ppg, 2.54 ft³/sk, 15.00 gal wtr/sx.

TAIL:

100 sx Type III cement (or equivalent) 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 2,092 ft³.

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: The mud logger will come on at 2,900' and will remain on the hole until TD. The mud will be logged in 10' intervals.

B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (7,100') to the bottom of the AUG 2005 surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (7,100') to 2,000'.

6. FORMATION TOPS:

Est. KB Elevation: 5,906'

| Formation | Subsea Depth | Well Depth |
|---------------------------|--------------|------------|
| Ojo Alamo SS | +5300' | 606' |
| Kirtland Shale | +5214' | 692' |
| Farmington SS | +5090' | 816' |
| Fruitland Formation | +4159' | 1747' |
| Lower Fruitland Coal | +3959' | 1947' |
| Pictured Cliffs SS | +3759' | 2147' |
| Lewis Shale | +3559' | 2347' |
| Chacra | +2696' | 3210' |
| Cliffhouse SS | +2129' | 3777' |
| Menefee | +2029' | 3877' |
| Point Lookout SS | +1406' | 4500' |
| Mancos Shale | +1250' | 4656' |
| Gallup SS | +144' | 5762' |
| Greenhorn Limestone | -600' | 6506' |
| Graneros Shale | -658' | 6564' |
| 1st Dakota SS | -727' | 6633' |
| 2 nd Dakota SS | n/a | n/a |
| 3 rd Dakota SS | -774' | 6680' |
| 4 th Dakota SS | n/a | n/a |
| 5 th Dakota SS | -813' | 6719' |
| 6 th Dakota SS | -851' | 6757' |
| Burro Canyon SS | -943' | 6849' |
| Morrison Shale | -1000' | 6906' |
| Project TD | -1176' | 7100' |

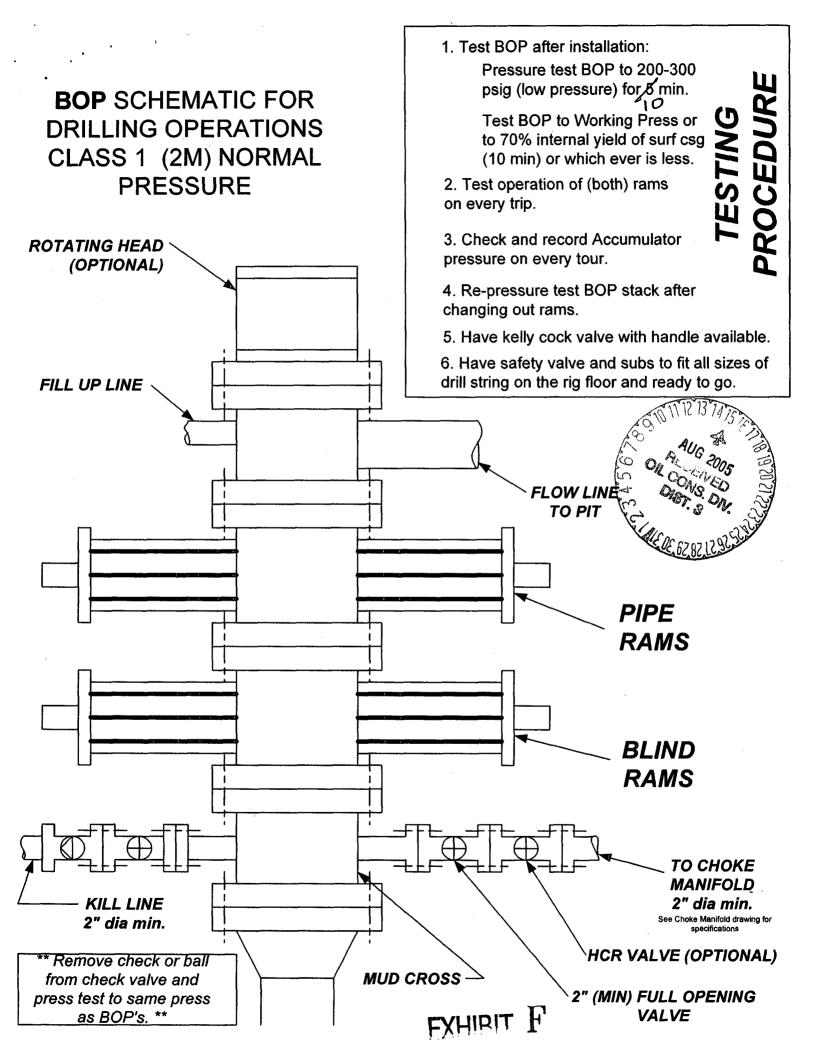
** Max anticipated BHP will be < 2,000 psig (<0.30 psi/ft) ****

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 | 505-326-2024 |
| Red Meek | Project Geologist | 817-885-2800 | 817-427-2475 |
| Barry Voigt | Reservoir Engineer | 817-885-2462 | 817-540-2092 |

JWP 7/12/05





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

- 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.

TESTING PROCEDURE

