

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

MAR 18 2014

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

XTO ENERGY INC.

3a. Address

382 CR 3100 AZTEC, NM 87410

3b. Phone No. (include area code)

505-333-3630

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1800' FSL & 1180' FWL NWSW SEC 33 (L) -T27N-R8W

5. Lease Serial No.

NMSF-079230

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

BOLACK C LS #15

9. API Well No.

30-045-06127

10. Field and Pool, or Exploratory Area

BLANCO MESA VERDE

OTERO CHACRA

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

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Casing Repair ☐ New Construction ☐ Recomplete ☐ Other
☐ Change Plans ☒ Plug and Abandon ☐ Temporarily Abandon
☐ Convert to Injection ☐ Plug Back ☐ Water Disposal

13. Describe Proposed or Completed 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 recompleat 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 recompleat 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. proposes to plug & abandon this well per the attached procedure and will be using a Closed Loop System. Please see also the attached current & proposed wellbore diagrams and surface reclamation plan.

RCVD MAR 25 '14
OIL CONS. DIV.
DIST. 3

Notify NMOCD 24 hrs
prior to beginning
operations

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHERRY J. MORROW

Title

LEAD REGULATORY ANALYST

Signature

Date

3/17/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

MAR 21 2014

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, and Title 43 U.S.C. Section 1212, 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.

LWA _____
MTG _____
Approved _____

PLUG AND ABANDONMENT PROCEDURE

February 16, 2014

Bolack C LS #15

Blanco Mesaverde / Otero Chacra
1800' FSL, 1180' FWL, Section 33, T27N, R8W, San Juan County, New Mexico
API 30-045-06127 / Lat: _____ N Long: _____ W

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
2. Rods: Yes X, No _____, Unknown _____
Tubing: Yes X, No _____, Unknown _____, Size 2-3/8", Length 5102'
Packer: Yes _____, No X, Unknown _____, Type _____
If well has rods or a packer, then modify the work sequence in Step #2 as appropriate. Round trip 5.5" gauge ring to 4998'

NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where a T.S. or CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.

3. **Plug #1 (Mesaverde perforations and top, 4998' - ⁴²⁶⁵4337')**: TIH and set 5.5" cement retainer at 4998'. Load casing with water and circulate well clean. Pressure tests tubing to 1000#. Mix 81 sxs Class B cement above CR to isolate the Mesaverde interval. TOH.
4. **Plug #2 (Chacra perforations and top, 3655' - 3555')**: TIH and set 5.5" cement retainer at 3655'. Load casing with water and circulate well clean. Pressure test casing to 1000#. **If the casings do not test, then spot or tag subsequent plugs as appropriate.** Mix 17 sxs Class B cement above CR to isolate the Chacra interval. PUH.
5. **Plug #3 (7-5/8" shoe, 5.5" liner top, Pictured Cliffs and Fruitland tops, 2985' - 2686')**: Mix and pump 72 sxs Class B cement and spot a balanced plug inside casing to cover through the Fruitland top. PUH.
6. **Plug #4 (Kirtland top, 2555' - ⁴⁷2456')**: Mix and pump 34 sxs Class B cement and spot a balanced plug inside casing to cover through the Kirtland top. PUH.
7. **Plug #5 (Ojo Alamo top, 2110' - ¹⁷⁸⁰2010')**: Mix and pump 34 sxs Class B cement and spot a balanced plug inside casing to cover through the Ojo Alamo top. TOH.
8. **Plug #6 (Nacimiento top, ⁸²²840' - ⁷²²710')**: Perforate 3 squeeze holes at ⁸²²840'. Attempt to establish rate if the casing pressure tested. Set 5.5" cement retainer at ⁷²²760'. Establish rate into squeeze

holes. Mix and pump 71 sxs Class B cement, squeeze 37 sxs outside 7-5/8" casing and leave 34 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.

10. **Plug #7 (Surface plug, 224' - Surface):** Perforate 3 HSC holes at 224'. Mix and pump approximately 120 sxs cement down the 7-5/8" casing until good cement returns out casing, annuli and bradenhead. Shut in well and WOC.
11. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Bolack C LS #15

Current

Blanco Mesaverde /Otero Chacra
1800' FSL, 1180' FWL, Section 33, T-27-N, R-8-W,
San Juan County, NM / API #30-045-06127
Lat _____ / Long _____

Today's Date: 11/14/12

Spud: 4/13/58

PC Comp: 5/24/58

MV Comp: 5/3/11

Elevation: 6783' GL
6793' KB

Ojo Alamo @ 2060'

Kirtland @ 2505'

Fruitland @ 2736'

Pictured Cliffs @ 2818'

Chacra @ 3707 *est

Mesaverde @ 4387'

12" hole

9-7/8" hole to 2937'

7-7/8" hole to 5246'

10.75" 32.75# Casing set @ 174'
Cement with 150 sxs (Circulated to Surface)

7-5/8" TOC @ 1750' (T.S.)

2-3/8" tubing at 5102'
(162 jts, 4.7#, J-55, SN @ 5101' with
rods and pump)

Pictured Cliffs Perforations:
2744' - 2798' (sqz'd with 50 sxs)

5.5" liner top at 2869'

5.5" TOC @ 2869'

7-5/8", 26.4#, J-55 Casing set @ 2935'
Cement with 200 sxs

Chacra Perforations:
3705' - 3877'

Mesaverde Perforations:
5048' - 5136'

5.5", 15.5", liner set @ 5246'
Cement with 300 sxs

TD 5246'
PBD 5198'

Bolack C LS #15

Proposed P&A

Blanco Mesaverde /Otero Chacra
1800' FSL, 1180' FWL, Section 33, T-27-N, R-8-W,
San Juan County, NM / API #30-045-06127
Lat _____ / Long _____

Today's Date: 11/14/12
Spud: 4/13/58
PC Comp: 5/24/58
MV Comp: 5/3/11
Elevation: 6783' GL
6793' KB

Nacimiento @ 760' *est

Ojo Alamo @ 2060'

Kirtland @ 2505'

Fruitland @ 2736'

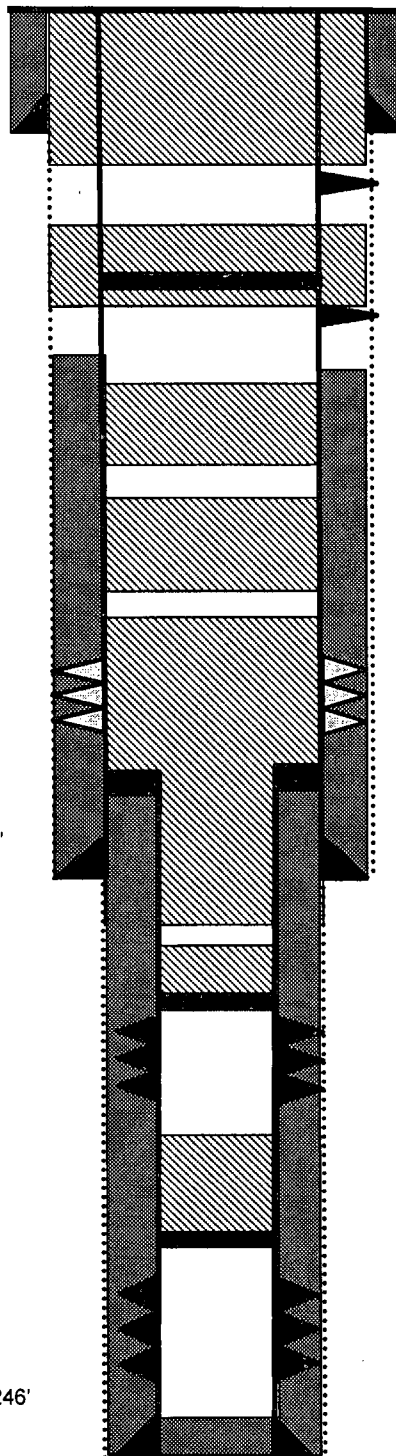
Pictured Cliffs @ 2818'

9-7/8" hole to 2937'

Chacra @ 3707' *est

Mesaverde @ 4387'

7-7/8" hole to 5246'



Plug #7: 224' – 0'
Class B cement, 120 sxs

10.75" 32.75#, Casing set @ 174'
Cement with 150 sxs (Circulated to Surface)

Perforate @ 224'

Cmt Retainer @ 760'

Perforate @ 810'

7-5/8" TOC @ 1750' (T.S.)

Plug #6: 810' – 710'
Class B cement, 71 sxs:
34 inside and 37 outside

Plug #5: 2110' – 2010'
Class B cement, 34 sxs

Plug #4: 2555' – 2455'
Class B cement, 34 sxs

Pictured Cliffs Perforations:
2744' – 2798' (sqz'd with 50 sxs)

5.5" liner top at 2869'

5.5" TOC @ 2869'

7-5/8", 26.4#, J-55 Casing set @ 2935'
Cement with 200 sxs

Plug #3: 2985' – 2686'
Class B cement, 72 sxs

Cmt Retainer @ 3655'

Chacra Perforations:
3705' – 3877'

Plug #2: 3655' – 3555'
Class B cement, 17 sxs

Cmt Retainer @ 4998'

Mesaverde Perforations:
5048' – 5136'

Plug #1: 4998' – 4337'
Class B cement, 81 sxs

5.5", 15.5", liner set @ 5246'
Cement with 300 sxs

TD 5246'
PBDT 5198'



P&A Reclamation Plan

3/11/2014

BOLACK C LS 15

API 30-045-06127

Lease # NMSF- 079232

Lat: 36.52811, Long: -107.69233

Footage: 1,860' FSL 1,620' FWL

NW/SW Sec.33L, T27N, R8W

San Juan County, NM

1.0 PURPOSE and SCOPE

1.1) The purpose of this document is to ensure final reclamation of associated pad and access roads as required by applicable laws and regulations. Properly performed reclamation procedures are required to preserve Private, Public, Tribal and National Forest lands, mitigating any possible environmental/surface owner issues that could potentially arise. This reclamation plan is designed to provide environmentally sound, safe, prudent and specific guidelines, while implementing Best Management Practices, to assist in returning disturbed soils to a level consistent with the surrounding topography prior to the approved disturbance.

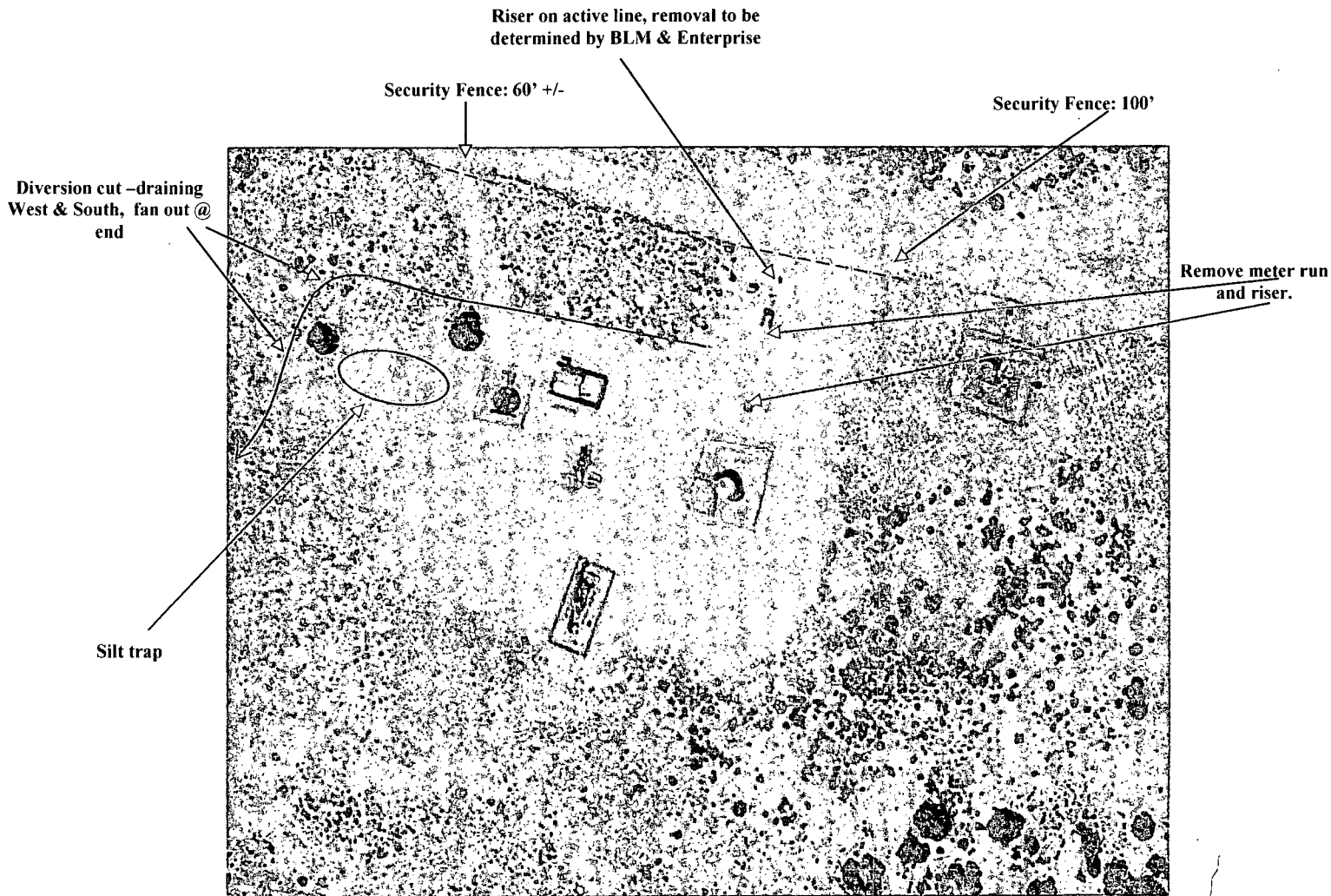
2.0 PRE-RECLAMATION SITE INSPECTION

2.1) A pre-reclamation site inspection with BLM Farmington Field Office (FFO) Authorized Officer (AO) **Randy McKee** and XTO Energy, Inc. representatives **Brent Beaty & Luke McCollum** took place on **3/11/2014**, prior to implementation of the reclamation process to determine contours, silt trap placement; seed mix selection, weed abatement procedures as well as additional requirements needed to assist in returning the area to applicable pre-disturbance condition.

3.0 PROCEDURES

3.1) Rehabilitation work will be completed within one year from plug date. No new disturbance will be allowed outside current disturbed areas to be reclaimed. Notifications, as stipulated in the APD, will be provided to proper authorities via sundry notifications, e-mail, or phone within required time frames.

3.2) All fences, production equipment, purchaser's equipment, concrete slabs, anchors, flow lines (above ground and/or subterranean), risers (*Riser on location to be removed. Meter run will be removed and riser removal servicing M/R to be determined by Enterprise & BLM*), debris, and trash will be removed from location and disposed of at approved facilities.



3.3) **Production pits** will be closed and remediated according to Federal, State, and Local guidelines. Proper notifications will be made according to above regulations as required. Impacted soil discovered during reclamation activities will be remediated and disposed of at an approved waste facility according to above mentioned guidelines and regulations.

3.4) **Available top soil**, typically the top 6", will be stockpiled during reclamation procedures with the top soil being redistributed after completion of earthwork to assist in achieving adequate vegetation growth.

3.5) Gravel on location will be removed and/or may be placed/buried in cut areas to assist in contouring or, with AO approval, used on surrounding lease roads for road stabilization. ***(Gravel will be buried on location and spread on lease road as determined during onsite inspection.)***

3.6) Disturbed areas will be returned (as close as possible), weather permitting, to pre-disturbance topography. The removal of sharp angular corners and redefinition of natural drainage will be priority allowing for additional contouring, as needed, to aid in erosion control. ***(Diversion cut will be placed on North edge of reclamation and drain to the West & South, fanning out at the end. A silt trap will be placed in the North West portion of reclamation).*** Reclaimed areas will be ripped to depths of a minimum of 12" (inches), leaving the surface as rough as necessary, to provide sufficient root establishment, growth, and stabilization of disturbed areas.

3.7) Access roads not required will be reshaped, reclaimed and contoured as close as possible to surrounding area. Top soil, typically the top 6", preserved during reclamation procedures will be pulled up and redistributed after completion of earthwork to assist in achieving adequate vegetation growth

3.8) Seeding will be accomplished, following proper agency notifications, with recommended procedures. Appropriate certified weed free seed mixes ***(determined during onsite inspection)*** will be used. ***The Badlands community was identified with Fourwing saltbush (Atriplex canescens) @ 4.0 PLS/acre, Shadscale (Atriplex confertifolia) @ 2.0 PLS/acre, Indian ricegrass (Achnatherum hymenoides) @ 5.0 PLS/acre, Alkali sacaton (Sporobolus airoides) @ 0.25 PLS/acre, Galleta (Pleuraphis jamesii) @ 4.0 PLS/acre, Blue grama (Bouteloua gracilis) @ 2.0 PLS/acre and Small flower globemallow (Sphaeralcea parvifolia) @ 0.25 PLS/acre being chosen during onsite as preferred seed mix for this location.*** Seed will be distributed via appropriate methods as dictated by topography of reclaimed areas. Additional methods, as dictated by reclaimed topography, may be utilized to control runoff and assist in established growth.

3.9) Fencing, signage, and other deterrents will be installed when deemed necessary to discourage travel on reclaimed areas. ***(A security fence will be constructed at reclaimed access road blocking both entrances (Approx. 160' total length), to isolate traffic from reclamation).***

4.0 ARCHAEOLOGICAL CONCERNS

4.1) Any disturbance activity outside approved areas will require additional BLM approval and may require an additional survey.

4.2) All employees will be educated on the importance of cultural site preservation and legalities of disturbing cultural sites.

4.3) If any cultural sensitive areas are unearthed during the reclamation process work will be immediately suspended with the incident reported to the BLM. The BLM will then notify XTO how to proceed.

5.0 THREATENED AND ENDANGERED SPECIES (T&E)

5.1) If any T&E not previously surveyed are discovered during reclamation activities work will be immediately suspended and the BLM T&E Specialist will be promptly notified.

6.0 WILDLIFE RESTRICTIONS

6.1) Closures and restrictions specified in the APD, if applicable, will be strictly adhered to.

7.0 PALEONTOLOGY

7.1) Unknown paleontology discoveries during the reclamation process will immediately halt activities and the BLM AO will be notified. XTO will standby for further instructions.

8.0 ABANDONMENT MARKER

8.1) Required marker as specified by the BLM will be installed.

9.0 WEED MANAGEMENT

9.1) Use of approved pesticides/herbicides shall be according to applicable Federal, State, Tribal and local laws. Management of Invasive and Noxious Weeds, as listed on the BLM Noxious and Invasive list, will be dealt with in a prompt and environmentally safe manner. Noxious or invasive weeds will be eradicated using pesticides/herbicides appropriate for the type of weed found and seed mixes used on reclaimed areas. Pesticide/herbicide use shall be approved by BLM Specialist prior to application. Emergency pesticide/herbicide use shall be approved by BLM Specialist prior to application. Proper authorities will be notified at times specified by BLM with required information regarding pesticide use plans (PUPs), spraying procedures and types of weeds found. *(No noxious or invasive weeds were identified during onsite. Monitoring will continue during life of project as required by laws, rules and regulations).*

10.0 MONITORING

10.1) After attaining reclamation approval FFO and operator will establish a *line point intercept transect* for the achievement of *required growth percentages with relation to chosen plant communities*. Growth monitoring will be conducted and recorded as required until appropriate growth is accomplished. Vegetative cover will be accomplished when growth has reached amounts equal to those required for specific well locations and appropriate procedures.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 15 Bolack C LS

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
 - a) Bring the top of the Mesavered top to 4265'.
 - b) Place the 7 5/8" Casing Shoe/5 1/2" Liner top/Pictured Cliffs plug from 2985'- 2686'.
 - c) Place the Fruitland plug from 2547'- 2447'.
 - d) Place the Kirtland/Ojo Alamo plug from 2110'- 1780'.
 - e) Place the Nacimiento plug from 822'- 722' inside and outside the 7 5/8" casing

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.