

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.

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)
505-333-3176

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
990' FNL & 1650' FWL NENW SEC.9 (C) -T27N-R11W N.M.P.M.

5. Lease Serial No.
NMSF-078872A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
ALICE BOLACK #6

9. API Well No.
30-045-06745

10. Field and Pool, or Exploratory Area
KUTZ W. PICTURED CLIFFS

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
	☐ 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. intends to plug and abandon this well per the attached procedure.

Please also see the attached current and proposed wellbore diagrams.

**Notify NMOCD 24 hrs
prior to beginning
operations**

**RCVD OCT 28 '10
OIL CONS. DIV.
DIST. 3**

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed) **TEENA M. WHITING**

Title **REGULATORY COMPLIANCE TECHNICIAN**

Signature *Teena M. Whiting*

Date **10/7/2010**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **Original Signed: Stephen Mason**

Title **Office**

Date **OCT 28 2010**

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.

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.

NMOCD

Alice Bolack #6

Location: 990' FNL & 1,650' FWL, Section 9, T27N, R11W, San Juan County, NM
API: 30-045-06745
Open Perfs: Pictured Cliffs – 1,977' - 2,026'

PLUG AND ABANDONMENT PROCEDURE

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.

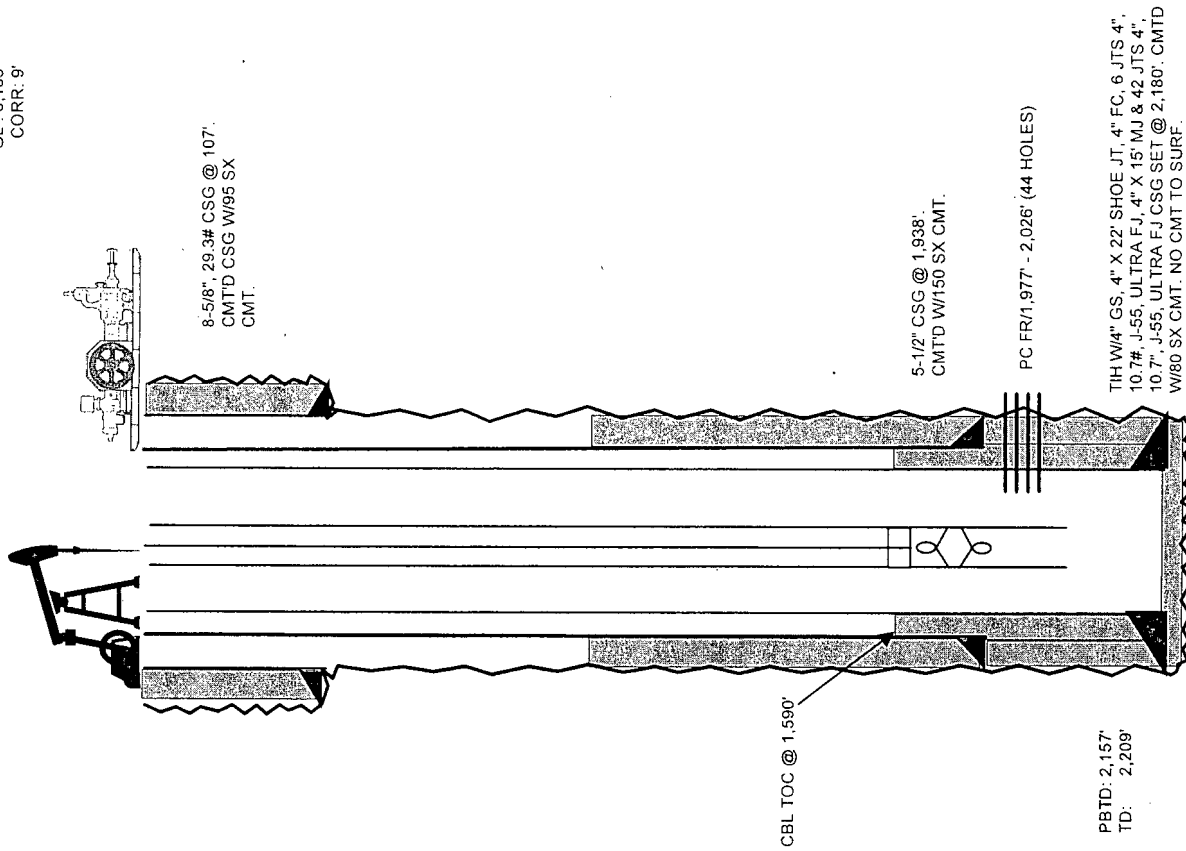
1. This project requires an approved NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an approved steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MIRU pulling 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. TOH and LD rods and pump. ND wellhead and NU BOP. Function test BOP. TOH with tubing and LD BHA.
3. Round trip a 3-1/4" bit to 1,930'.
4. **Plug #1 (Pictured Cliffs, 1,970' – 1,830')**: TIH and set a 4" CICR at 1,930'. Load casing with water and circulate well clean. Pressure test casing to 1000#. If the casing does not test, then spot or tag subsequent plugs as necessary. Mix cement and pump 16 sxs Class B cement (8sxs below CICR and 8 sxs above CIBP) to cover the Pictured Cliffs top. TOH.
Fruitland 1,652' - 1,552'
5. TIH and chemical cut the 4" casing at 1,560'. TOH and LD 4" casing. Round trip a 5-1/2" casing scraper to 1,560'.
6. RU WLU and run a CBL from 1,560' - surface. (The rest of this procedure is written as if the TOC is about 1,200', but will be adjusted if needed pending the CBL results.)
4" casing scrub 1,550 1,450
7. **Plug #2 (Fruitland Coal, 1,460' - 1,360')**: TIH and set a 5-1/2" CBP at 1,460'. Pump 23 sxs cement above the CBP to cover the Fruitland Coal top. TOH.
8. **Plug #3 (Kirtland and Ojo Alamo tops, 980' - 780')**: TIH and perforate 3 squeeze holes at 980'. Set a 5-1/2" CICR at 930'. TIH with tubing and sting into retainer. Establish rate into squeeze holes out the bradenhead valve. Mix and pump 73 sxs Class B cement, squeeze 44 sxs cement outside 5-1/2" x 7-7/8" annulus and leave 29 sxs cement inside casing (41 sxs under the CICR and 18 above) to cover the Kirtland and Ojo Alamo tops. TOH and LD tubing.
9. **Plug #4 (Casing shoe, 160' – Surface)**: Perforate 3 squeeze holes at 160'. Establish circulation out bradenhead valve. Mix and pump approximately 60 sxs cement down 5-1/2" casing to circulate good cement out annulus and bradenhead (36 sxs cement outside 5-1/2" x 7-7/8" & 8-5/8" annulus and 24 sxs inside the 5-1/2" casing to surface). Shut well in and WOC.
10. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Tops:

Casing shoe	107'	Fruitland Coal	1,410'
Ojo Alamo	830'	Pictured Cliffs	1,930'
Kirtland	930'		

September 13, 2010

KB: 6,194'
GL: 6,185'
CORR: 9'



Alice Bolack # 6 WELLBORE DIAGRAM

DATA

LOCATION: 990' FNL & 1,650' FWL, UNIT C, SEC 9, T 27 N, R 11 W
COUNTY/STATE: SAN JUAN COUNTY, NEW MEXICO
FIELD: WEST KUTZ PICTURED CLIFFS
FORMATION: PICTURED CLIFFS
API#: 30-045-06745 XTO ACCT#: 78548
SPUD DATE: 09/09/51 COMPLETION DATE: 09/27/51
IP:
PERFS: PC FR/2,026' - 2,022' - 2,017' - 2,012' & 1,990' - 1,977' W/2 JSPF (44 HOLES)
TUBING STRING: 2-3/8" OEMA W/3/8" WEEP HOLE & PIN, SN & 62 JTS 2-3/8" TBG W/SHC, SN @ 2,051', EOT @ 2,082'.
RODS & PMP: 2" X 1-1/2" X 10' RWAC-Z (DV) EPS PMP & 1" X 1' STNR NIP.
SPIRAL ROD GUIDE, RHBO TL, 1" X 1' LS, 2 - 1-1/4" SBS, 79 - 3/4" RODS, 2 - 3/4" ROD SUBS (8' & 4') & 1-1/4" X 16' PR W/8' LNR.
PRODUCTION METHOD: PPG UNIT

HISTORY

09/09/51: SPUDDED WELL, TD HOLE @ 108'. SET 8-5/8" CSG @ 107'. CMT'D
CSG W/95 SX CMT.
09/15/51: TD HOLE @ 2,032'. SET 5-1/2" 15.5# CSG @ 1,938'. CMT CSG W/150 SX
CMT. DO CMT.
09/21/51: PMPD 16 SX CMT. CMT FR/1,991' - 2,032'.
09/23/51: SET CAL-SEAL PLUG @ 1,979'.
09/24/51: USED 210 QRTS NITRO. SHOT FR/1,954' - 1,979'.
09/25/51: LAST 20' OF CSG BENT. SWAGING OUT CSG W/4-21/32" SWAGE.
12/01/51: CO FILL FR/1,957' - 1,973'.
12/02/51: TIH W/1" TBG. EOT @ 1,968'.
10/20/04: INSTALLED COMP.
07/01/02: XTO ENERGY ASSUMED OPERATIONS.
05/20/08: TOH & LD W/81 JTS 1" TBG. FISH LEFT IN HOLE; 10 JTS 1" TBG. PU &
TIH W/4-3/4" OVER-SOCKET, 10 - JTS 2-7/8" TBG, XO & 44 JTS 2-3/8"
TBG. TGD @ 1,740' (TOF). WKD EOT TO 1,891'. TOH W/48 JTS 2-3/8"
TBG & BHA. RECD FISH AS FOLLOWS: 6 JTS 1" TBG & 1" X 18' PC TBG.
FISH LEFT IN HOLE; 1" X 3' PC TBG & 3 JTS 1" TBG. TIH W/4-3/4"
OVER-SOCKET, 10 JTS 2-7/8" TBG, XO & 50 JTS 2-3/8" TBG. TGD @
1,957' (TOF). TOH W/50 JTS 2-3/8" TBG & BHA. RECD FISH AS
FOLLOWS; 1" X 3' PC TBG & 1 JT 1" TBG. FISH LEFT IN HOLE; 2 JTS 1"

TBG. FOUND 1ST - 89TH JTS TBG FS W/LT SC. FOUND 70TH - 79TH CPLGS FS W/MED CORR. FOUND 80TH - 84TH JTS TBG FS WHVY CORR. FOUND 85TH - 89TH JTS TBG FS W/SEVERE CORR. TOOK TBG SMPLS TO H&M. TIH W/RBP & 24 JTS 2-3/8" TBG. SET RBP @ 789'.

05/28/08: TIH W/RETR TL. TGD @ 780' (9' OF SD). ESTB CIRC W/1% KCL WTR. CO FILL FR/780' - 789' (RBP). CAUGHT & RLSD RBP @ 789'. TOH W/RBP. PU & TIH W/4-3/4" ML, XO, 8 - 3-1/2" DCS, XO & 54 JTS 2-7/8" TBG. TGD @ 1,943' (TI SPOT). 5-1/2" CSG SHOE @ 1,938'. EST TOF @ 1,970' (2 JTS 1" TBG). ESTB CIRC W/AFU. DO TI SPOT FR/1,943' - 1,988'.

05/29/08: TGD @ 1,988' (3' OF JNK). DO JNK FR/1,988' - 1,991' (PBTD). DO FR/1,991' - 2022'. TOH W/ML. TIH W/4-3/4" BIT, XO, 8 - 3-1/2" DCS, XO & 56 JTS 2-7/8" TBG. TGD @ 1,985' (TI SPOT). DO & CO TI SPOT FR/1,985' - 2,033'. DO FR/2,022' - 2,083'.

05/30/08: TGD @ 1,985' (TI SPOT). DO & CO TI SPOT FR/1,985' - 1,990'. TGD @ 2,000' (83' OF FILL). CO FILL FR/2,000' - 2,083'. DO FR/2,083' - 2,209' (TD). CIRC 3.5 HRS. PPD DWN CSG W/20 BBLs GELLED 2% KCL WTR. TOH W/8 JTS TBG. SD 1 HR. TIH W/8 JTS TBG. TGD @ 1,985' (TI SPOT). WRKD THRU TI SPOT. TGD @ 2,118' (91' OF FILL). CO FILL FR/2,118' - 2,009' (TD). CIRC 1 HR. USED 130 BBLs GELLED 2% KCL WTR W/AFU. TGD @ 2,178' (31' OF FILL). RU PWR SWIVEL. CO FILL FR/2,178' - 2,209' (TD). CIRC 30". USED 30 BBLs GELLED 2% KCL WTR W/CO. TOH & LD WTBG & BHA. MIRU SAN JUAN CSG. PU & TIH W/4" GS (NON AUTO FILL). 4" X 22" SHOE JT, 4" FC (NON AUTO FILL). 6 JTS 4", 10.7# J-55, ULTRA FJ, KOPPEL SEAMLESS CSG, 4" X 15" MJ & 42 JTS 4", 10.7", J-55, ULTRA FJ, CSG. MJ @ 1,888' (15'). FC @ 2,157'. GS @ 2,180'. ESTB CIRC W/90 BBLs GELLED FW. CIRC 30". CMT 4" PROD CSG W/80 SXS 50/50 POZ PREMIUM CMT W/0.2% CFR-3 (DISPERSANT), 0.5% HALAD R-344 (LOW FLD LOSS CONTROL), 0.125 #/SX POLY-E-FLAKE (LCM) (MIXED @ 13.0 PPG & 1.43 CU FT/SX YIELD). GD CIRC THRU CMT JOB. DID NOT CIRC W/CMT TO SURF.

06/03/08: RAN GR/CCL/CBL LOG FR/2,048' - 1,300'. CBL TOC @ 1,590'. TIH W/3-1/4" BIT, XO & 67 JTS 2-3/8" TBG W/SHC'S. TGD CMT STGERS @ 2,044'. CO CMT FR/2,044 TO 2,137' (TOC). (20' OF CMT). DO CMT FR/2,137' - 2,157' (PBTD). TOH W/BIT. PERFD PC FR/2,026' - 2,022', 2,017' - 2,012' & 1,990' - 1,977' W/2 JSPF (44 HOLES).

06/18/08: BD PC W/FW @ 4.5 BPM & 1,045 PSIG. EIR @ 10 BPM & 1,630 PSIG. A. W/1,500 GALS 15% NEFE HCL AC & 100 - 7/8" 1.1 SG BIO BS. FLSHD W/27 BFW @ 10 BPM & 523 PSIG. SBA @ 800 PSIG. ISIP 199 PSIG. 2" SIP 0 PSIG.

06/19/08: FRACD PC DWN 4" CSG W/55, 120 GALS 80Q N2 FOAM, 9CP 12# LINEAR GEL. FW CARRYING 100,100# SD (79,100# 16/30 BASF SD & 21,000# 16/30 SUPER LC RC SD PER WT SLIPS). FLSHD W/22 BBLs 70Q N2 FOAM FRAC FLD. AIR 28.1 BPM. ATP 2,144 PSIG.

06/20/08: TIH WNC & 65 JTS 2-3/8" TBG W/SHC. TGD @ 2,151' (6' OF FILL).

06/21/08: RU SWB TLS. BFL 1800' FS S. 0 BO, 23 BPW, 19 RUNS 3 HR, FFL 1,800' FS. BRN FLD SMPL W/LT FORM SD. PU & TIH W/1 JT TBG. TGD FILL @ 2,136' (21' OF FILL). CO FILL FR/2,136' TO 2,157' (PBTD). CIRC W/N2 FOR 1.5 HRS. RETS FR/HVY TO LT SD. RU SWB TLS. BFL 1,800' FS S. 0 BO, 6 BPW 4 RUNS 1 HR, FFL 1,800' FS. BRN FLD SMPL W/LT SD. PU

& TIH W/1 JT TBG. TGD FILL @ 2,152' (5' OF FILL). TOH W/8 JTS 2-3/8" TBG.

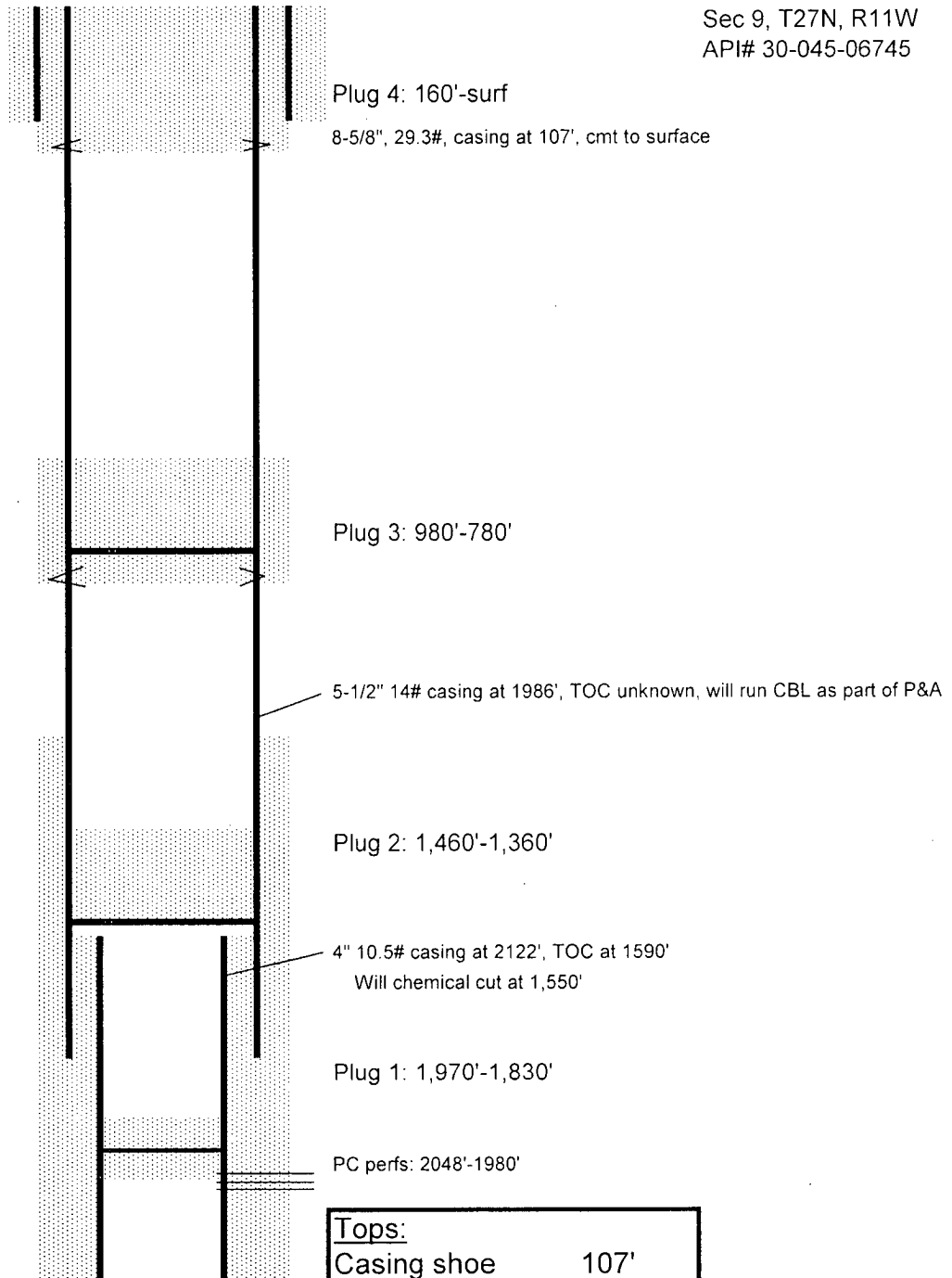
06/24/08: TIH W/1 JT TBG. TGD @ 2,152' (5' OF FILL). TOH W/65 JTS TBG, SN & NC. TIH W/2-3/8" OEMA W/3/8" WEEP HOLE & PIN, SN & 64 JTS 2-3/8" TBG W/SHC. RU SWB TLS. BFL 1900' FS S. 0 BO, 6 BPW 10 RUNS 1 HR, FFL 1,900' FS. BRN FLD SMPL W/NO SOLIDS. TIH W/1 JT TBG. TGD FILL @ 2,152' (5' OF FILL). TOH & LD W/3 JTS TBG. SN @ 2,051'. EOT @ 2,082'. TIH W/2" X 1-1/2" X 10' RWAC-Z (DV) EPS PMP & 1" X1' STNR NIP. SPIRAL ROD GUIDE, RHBO TL, 1" X 1' LS, 2 - 1-1/4" SBS, 79 - 3/4" RODS, 2 - 3/4" ROD SUBS (8' & 4') & 1-1/4" X 16' PR W/8' LNR.

07/08/08: SET USED LUFKIN, CH-50-89-54 BB/GP PU.

10/02/08: ANCHORS TSTD 9/08. SITP 0 PSIG. FCP 10 PSIG. BD WELL. MIRU HURRICANE RIG #14. UN-HUNG RODS. UNSEATED PMP. TOH W/1-1/4" X 16' PR W/8' LNR, 2 - 3/4" ROD SUBS (4' & 8'), 79 - 3/4" RODS, 2 - 1-1/4" SBS, 1" X 1' LS, SPIRAL ROD GUIDE, RHBO TL, 2" X 1-1/2" X 10' RWAC-Z (DV) EPS PMP XTO #1501) & 1" X 1' STNR NIP. FOUND PMP BBL OD W/PIN HOLE. BD & INSP PMP ON LOC. RU SWB TLS. BFL 1,900' FS. S. 0 BO, 24 BPW, 24 RUNS, 3.5 HRS, FFL 1,900' FS. 1ST - 19TH SWB RUNS W/BLK FLD SMPL W/LT FORM FNS & 20TH - 24TH SWB RUNS W/BRN FLD SMPL W/LT FORM FNS. FTP 0 PSIG. FCP 0 PSIG. RD SWB TLS. DROPD SV. PT TBG TO 1,500 PSIG FOR 5" W/6 BFW. TSTD OK. RLSD PRESS. RU SWB TLS. BFL SURF. S. 0 BO, 6 BFW, 3 RUNS, 1 HR, FFL 1,900' FS. CLN FLD SMPL W/NO SOLIDS. FTP 0 PSIG. FCP 0 PSIG. RD SWB TLS. RETV SV. ND WH. NU BOP. PU & TIH W/3 JTS 2-3/8" TBG. TGD @ 1,952' (5' OF FILL). TOH & LD W/3 JTS TBG. TBG RAN AS FOLLOWS; 2-3/8" X 30' OEMA W/3/8" WEEP HOLE & PIN, SN & 62 JTS 2-3/8" TBG. LD TBG W/DONUT AS FOLLOWS; SN @ 2,051'. EOT @ 2,082'. PC PERFS FR/1,977' - 2,026'. FILL @ 2,152'. PBTD @ 2,157'.

10/03/08: SITP 0 PSIG. SICP 5 PSIG. PU & LOADED W/2" X 1-1/2" X 10 RWAC-Z (DV) EPS PMP W/2' SM PLNGR (XTO #1344) & 1" X 1' STNR NIP. TIH W/PMP, RHBO TL, SPIRAL ROD GUIDE, 1" X 1' LS, 2 - 1-1/4" SBS, 79 - 3/4" RODS, 2 - 3/4" ROD SUBS (8' & 4') & 1-1/4" X 16' PR W/8' LNR. SEATED PMP. PT TBG TO 500 PSIG FOR 5" W/6 BFW. TSTD OK. RLSD PRESS. LS PMP W/RIG TO 500 PSIG. GPA. RLSD PRESS. HWO. SITP 0 PSIG. SICP 5 PSIG. RDMO HURRICANE RIG #14. RWTP @ 10:30 A.M. 10/3/08. PPG @ 5 X 42" SPM

Alice Bolack #6
Sec 9, T27N, R11W
API# 30-045-06745



Casing shoe	107'
Ojo Alamo	830'
Kirtland	930'
Fruitland Coal	1410'
Pictured Cliffs	1930'

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 6 Alice Bolack

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) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Place the Fruitland plug from 1652' – 1552'.
 - b) Place the 4" casing stub plug from 1550' – 1450'.
 - c) Place the Kirtland/Ojo Alamo plug from 980' – 772' inside and outside the 5 ½" 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.