

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

RECEIVED

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

OCT 22 2009

SUBMIT IN TRIPLICATE - Other instructions on page 2

Bureau of Land Management
Farmington Field Office

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)
505-333-3100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
990' FNL & 990' FWL NWNW SEC. 17 (D) - T24N-R5W N.M.P.M.

Lease Serial No.

JTC-69

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

APACHE FEDERAL #9

9. API Well No.

30-039-05513

10. Field and Pool, or Exploratory Area
BASIN DAKOTA/OTERO GALLUP

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

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> 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 and abandon this well per the attached precedence. Also see the attached current and proposed well bore diagrams.

RCVD NOV 3 '09

OIL CONS. DIV.

DIST. 3

see addres Chacra plug

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 10/21/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

OCT 28 2009

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.

MMCCD

PLUG AND ABANDONMENT PROCEDURE

June 24, 2008

Apache Federal #9

Basin Dakota

990' FNL and 990' FWL, Section 17, T24N, R5W
Rio Arriba County, New Mexico / API 30-039-05513

Lat: N _____ / Lat: 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 ASTM Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. This project requires the Operator to obtain an approved NMOCD C-144 Pit or Below-Grade Tank Registration or Closure application for a closed loop system for the use of an A-Plus steel tank to handle waste fluids circulated from the well.
2. Install and test location rig anchors. Prepare and line a waste fluid pit. Comply with all NMOCD, BLM, and Energen 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. Pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes X, No _____, Unknown _____

Tubing: Yes X, No _____, Unknown _____, Size 2.375"/2.875", Length 6722'

Packer: Yes _____, No X, Unknown _____, Type _____

If well has rods or a packer, then modify the work sequence in Step #2 as appropriate.

4. **Plug #1 (Dakota perforations and tops, 6588' – 6488')**: RIH and set 5.5" cement retainer at 6588'. Pressure test tubing to 1000 PSI. Load casing with water and circulate well clean. Pressure test casing. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 18 sxs Class G cement and spot a balanced plug above CR to cover the Dakota interval.

5. **Plug #2 (Gallup top, ⁴⁵5564' – ⁴⁵5464')**: Mix and pump 18 sxs Class G cement and spot a balanced plug inside casing to cover the Gallup top. TOH.

Plug #3 (Mesaverde top, 3806' – 3706'): Perforate 3 HSC squeeze holes at 3806'. If the casing tested, then attempt to establish rate into the squeeze holes. Set 5.5" cement retainer at 3756'. Establish rate below CR. Mix and pump 49 sxs Class G cement, squeeze 31 sxs outside the casing and leave 18 sxs inside the casing to cover the Mesaverde top. PUH.

Add: Chacrapug - Top @ 3125 - Plug 3175 - 3075

7. **Plug #4 (Pictured Cliffs, Fruitland and Kirtland tops, 2284' – ¹⁸⁵⁸1890')**: Mix and pump ~~52~~ sxs Class G cement and spot a balanced plug inside casing to cover through the Kirtland top. TOH

- 36 36 36
8. Plug #5 (Ojo Alamo top, 1757' – 1657'): Perforate 3 HSC squeeze holes at 1757'. If the 5.5" casing tested, then attempt to establish rate into the squeeze holes. Set a 5.5" cement retainer at 1707'. Establish rate below CR. Mix and pump 49 sxs Class G cement, squeeze 31 sxs outside the casing and leave 18 sxs inside the casing to cover the Ojo Alamo top. TOH and LD tubing.
- 342
9. Plug #6 (Nacimiento top and 8.625" casing shoe, 518' – 0'): Perforate 3 HSC squeeze holes at 518'. Establish circulation to surface out the 5.5" casing and bradenhead valve, circulate the BH annulus clean. Mix approximately 190 sxs Class G cement and pump down the 5.5" casing to circulate good cement to the surface. Shut in well and WOC.
10. 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.

APACHE FEDERAL #9 WELLBORE DIAGRAM

KB 6,551'
GL 6,537'
CORR 14'

DATA

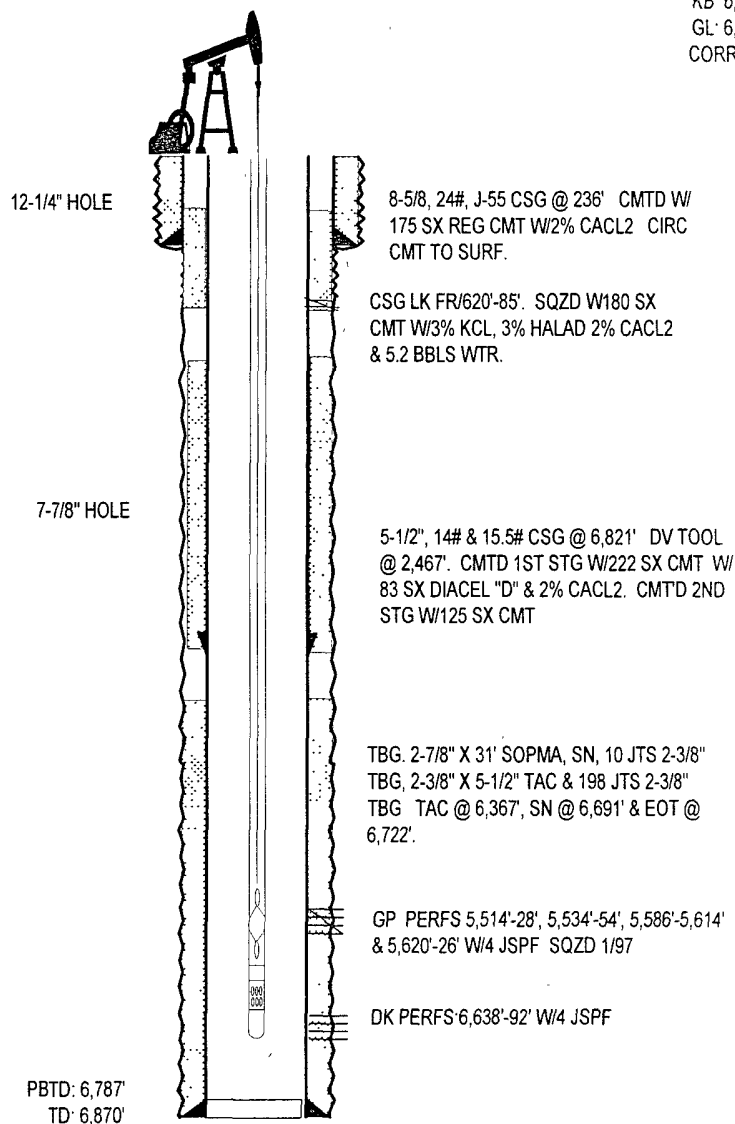
LOCATION: 990' FNL & 990' FWL, UNIT D, SEC 17, T 24 N, R 5 W
COUNTY/STATE: RIO ARriba COUNTY, NEW MEXICO
FIELD: BASIN DAKOTA
FORMATION: DAKOTA
FED LEASE #: JIC 69 **API #:** 30-039-05513 **XTO ACCTG #:** DK 79469
GP 79470

SPUD DATE: 9/04/60 **COMPLETION DATE:** 11/14/60
IP: GP: F. 12 BO, TR BW, 40 MCF, SICP 300 PSIG, 24 HRS
DK: SITP 2,752 PSIG, 86 HRS CAOF 2,040 MCFPD
PERFS: GP: 5,514'-28', 5,534'-54', 5,586'-5,614' & 5,620'-26' W/4 JSPF SQZD 1/97
DK: 6,638'-92' W/4 JSPF
TUBING STRING: 2-7/8" X 31' SOPMA, SN, 10 JTS 2-3/8" TBG, 2-3/8" X 5-1/2" TAC
& 198 JTS 2-3/8" TBG. TAC @ 6,367', SN @ 6,691' & EOT @ 6,722'.
RODS & PMP: 2" X 1-1/4" X 12' RHAC PMP XTO #602 W/3/4" X 6' GAC, SPIRAL
ROD GUIDE, RHBO TL, 1" X 1' LIFT SUB, 222 - 3/4" RODS, 44 - 7/8" RODS, 3/4" X
4' ROD SUB & 1-1/4" X 23' PR W/12' LNR
PPG UT: EMSCO D 114
PRODUCTION METHOD: PPG

HISTORY

NO DRILLING OR COMPLETION REPORTS

09/04/60: MIRU DRLG RIG SPUDDED WELL FOR GULF OIL COMPANY TD 12-1/4" HOLE @ 208' SET 8-5/8, 24#, J-55 CSG @ 236' CMTD W/175 SX REG CMT W/2% CACL2. CIRC CMT TO SURF
09/22/60: TD 7-7/8" HOLE @ 6,870' RAN ACODIST VELOCITY & IND -ELEC LOGS. SET 5-1/2", 14# & 15 5# CSG @ 6,821' DV TOOL @ 2,467' CMTD 1ST STG W/222 SX CMT W/83 SX DIACEL "D" & 2% CACL2 CMT'D 2ND STG W/125 SX CMT
09/25/60: CO TO PBTD @ 6,786'. PRESS TST'D TO 3,500' PSIG. HELD OK. PERFD DK FR/6,638'-92' W/4 JSPF (216 HOLES)
09/27/60: FRAC DK FR/6,638'-92' DWN CSG W/56,000 GALS TREATED WTR & 50,000# 20/40 SD @ 44 BPM & MAX TP 2,800 PSIG, MIN TP 2,500 PSIG 1 SET OF 20 BS DROPPED DURING FRAC ISIP 2,000 PSIG 10 SIP 1,500 PSIG
10/03/60: TIH W/2-3/8" TBG & CO TO PBTD TOH & SET BP @ 5,650'.
10/04/60: PERF GP FR/5,514'-28', 5,534'-54', 5,586'-5,614' & 5,620'-26' W/4 JSPF (274 HOLES) FRAC GP FR/5,514'-5,626' DWN CSG W/20,000 GALS TREATED WTR & 26,000# 20/40 SD @ 50 BPM MAX TP 3,500 PSIG, MIN TP 2,200 PSIG LOST ONE PMP & RATE DROPPED & PREC INCR. SD DWN @ 3,500 PSIG LEFT 6,000# SD IN CSG ISIP 900 PSIG, 10" SIP 700 PSIG
10/05/60: TIH W/2-3/8" TBG & BAILER CO 390' SD
10/09/60: CO TO 5,650'.



APACHE FEDERAL #9 WELLBORE DIAGRAM

10/??/60: SET BAKER MOD "D" PKR @ 5,650'. SET DK 2-1/16", 3.4# TBG @ 6,612'. SET BAKER PARALLEL STRING ANCHOR @ 5,509'. SET 2-1/16", 3.4# TBG IN ANCHOR. SN @ 5,507'.

11/14/60: IP DK: SITP 2,752 PSIG, 86 HRS. CAOF 2,040 MCFPD. IP GP. F 12 BO, TR BW, 40 MCF, SICP 300 PSIG, 24 HRS.

04/17/61: FIRST DEL WELL TO EPNG.

06/29/70: MIRU PU. TOH W/RODS & PMP. TOH W/GP TBG. TOH W/ DK TBG. TIH W/198 JTS 2-1/16", 3.4#, N-80, IJ TBG. HYDROTESTED TBG TO 3,00 PSIG. EOT @ 6,612'. SWB DK IN. LEFT GP SI. DID NOT RUN GP TBG.

10/05/65: BRITISH AMERICAN OIL PRODUCING CORP ASSUMED OPERATIONSHIP OF WELL.

08/01/66: GULF OIL ASSUMED OPERATIONSHIP OF WELL.

10/28/79: PERF'D DK 2-1/6" W/2, 0.32" HOLES @ 5,646'. GP FLWD 10 BO, 0 BW & 111 MCF, FTP 425 PSIG, 3/4" CK, 24 HRS.

12/12/79: NMOC D ASSIGNED ALLOCATIONS FOR RECENTLY DHC WELL. GP 20% GAS, 90% OIL. DK. 80 % GAS, 10% OIL.

08/08/87: MIRU SU. S 14 BBLS, 4 RUNS. WELL KO FLWG. FLWD 22 BBLS IN 1 HR. RDMO SU.

02/22/90: CHGD OPERATOR FR/CHVRON OIL COMPANY TO FLOYD OIL COMPANY.

11/10/94: MIRU PU. TOH & LD 110 JTS 2-1/16", IJ TBG.

11/11/94: FIN TOH W/TBG TIH W/PKR PLUCKER.

11/12/94: MO PKR. TOH W/PLUCKER & PKR. TIH W/5-1/2" CSG SCRAPER TO 6,761'. TOH.

11/13/94: TIH W/RBP & PKR. SET RBP @ 6,719' & PKR @ 6,493' IR INTO DK PERFS @ 2 BPM & 450 PSIG. MOVE RBP & PKR TO 5,751 & 5,399' IR INTO GP PERFS @ 2 BPM & 650 PSIG TOH W/PKR & RBP.

11/24/94: TIH W/PKR & 169 JTS TBG. SET PKR @ 5,430'. ACIDIZED WELL W/2,500 GALS 15% HCL & 500 BS @ 2.5 BPM & 1,000 PSIG. MAX TP 1,200 PSIG. SAW SOME BA. FLSHD W/38 BW. ISIP 700 PSIG. 5" SIP 200 PSIG. 10" SIP VAC. TOH W/PKR & TBG TIN STC, 1 JT 2-3/8" TBG, PS, SN, 38 JTS 2-3/8" TBG, TCA & 170 JTS 2-3/8" TBG SN @ 6,686'. EOT @ 6,723'. SWB WELL RDMO PU

05/06/96: MIRU PU TOH W/RODS & PMP. RIH W/NEW PMP & 3/4" & 7/8" RODS.

05/07/96: NO PA. BACKED OFF RODS. TOH W/RODS & TBG.

05/08/96: TIH W/TBG. TIH W/RODS & PMP RDMO PU.

06/24/96: MIRU PU. TOH W/RODS & PMP. SWB WELL.

06/25/96: PPD 10 BBLS 15% HCL ACID DWN TBG S 65 BBLS, 11 RUNS.

06/26/96: S. 20 BO, 2 RUNS. TIH W/RODS & PMP PPD WELL 10" NO PA

06/28/96: TOH W/RODS & PMP. TOH & LD 1 JT TBG. WRKD TBG UP & DWN SEVERAL TIMES. RE SET TCA. TIH W/RODS & PMP RDMO PU.

01/20/97: MIRU PU. TOH W/226 - 3/4" RODS, 42 - 7/8" RODS, PMP. REL TCA TIH & TGD FILL @ 6,739'. TOH W/207 JTS 2-3/8" TBG, 4' X 2-3/8" PUP JT, SN & MA.

01/21/97: TIH W/PKR & RBP. SET RBP @ 6,546' FOUND CSG LK FR/5,459'-5,652' & 620'-685'. NOTE: GP PERFS FR/5,514'-5,626'.

01/22/97: TIH W/TBG, PKR & TBG TO 5,657' SPOTTED 50 SX CMT W/3% KCL, 3% HALAD & 5 2 BBLS WTR TOH W/ 20 JTS TBG. SET PKR. SQZD CSG LK FR/5,459'-5,652' @ 1/4 BPM & 1,500 PSIG EST TOC 5,200'. WOC 2 HRS TOH W/TBG & PKR TIN W/PKR & TBG TO 457'. SQZD CSG LK FR/620'-685' W/150 SX CMT W/3% KCL, 3% HALAD 2% CACL2 & 5 2 BBLS WTR EST CIRC OUT BRADENHEAD VLV DID NOT CIRC CMT

01/24/97: TIH W/BIT, DC'S & TBG TGD CMT @ 515' DO CMT. PRESS TSTD CSG TO 500 PSIG. LOST 60 PSIG/" TOH.

01/25/97: TIH W/PKR & TBG. SET PKR @ 717' PRESS TSTD CSG BELOW PKR TO 500 PSIG. HELD OK. PRESS TSTD ABOVE PKR PPD IN CSG @1/4 BPM & 1,400 PSIG. FOUND CSG LK @ 655' SPOTTED 30 SX CL "H" CMT W/3% KCL & 3% HALAD 344 SQZD LK TO 1,250 PSIG.

01/27/97: TIH W/BIT, DC'S & TBG TGD CMT @ 485'. DO CMT TO 680' PRESS TSTD CSG TO 500 PSIG HELD OK

01/28/97: TIH & TGD TOC @ 5,191'. DO 128' CMT

01/29/97: DRLD 134' CMT

01/30/97: DRLD 96' CMT, TTL 358' CMT PRESS TSTD CSG TO 500 PSIG. HELD OK. CO TO 6,546' TOH W/TBG, DC'S & BIT NOTE: GP PERFS FR/5,514'-5,626' ARE SQZD OFF. UNKNOWN IF REOPENED.

1/31/97: TIH. REL RBP TOH W/RBP TIH W/MA, PS, SN, 10 JTS 2-3/8", J-55 TBG, TCA & 198 JTS 2-3/8" TBG. EOT @ 6,704' PS @ 6,679' SN @ 6,668' TCA @ 6,346' TIH W/2" X 1-1/4" X 6' X 9' X 12' PMP, 253 - 3/4" RODS, 41 - 7/8" RODS, 3 - 7/8" PONY RODS (2', 4', & 8') & 1-1/4" X 23' PR W/12' LINER SKL LENGTH 82" RDMO PU

04/03/97: MIRU PU TOH W/RODS & PMP

04/04/97: TIH W/NEW PMP & RODS RDMO PU

04/21/97: MIRU PU TOH W/RODS & PMP TIH & TGD 50' FILL. TOH W/40 JTS TBG

04/22/97: TIH W/40 JTS TBG. LANDED TBG. TIH W/NEW PMP & RODS RDMO PU

09/22/97: MIRU PU TOH W/RODS & PMP TOH W/TBG

09/23/97: TIH W/TBG & BAILER CO 90' FILL. TOH W/BAILER & TBG. TIH W/BAILER & TBG.

09/24/97: CO 10' FILL TOH W/BAILER & TBG TIH W/MA, 4' PS, SN, 10 JTS 2-3/8", J-55 TBG, TCA & 198 JTS 2-3/8" TBG EOT @ 6,704' PS @ 6,679' SN @ 6,668'

09/25/97: TIH W/NEW PMP & RODS RDMO PU

12/06/99: MIDDLE BAY OIL COMPANY ASSUMED OPERATIONSHIP OF WELL

08/17/00: 3TEC ENERGY CORPORATION ASSUMED OPERATIONSHIP OF THE WELL

10/01/03: XTO ASSUMED OPERATIONSHIP OF WELL

06/19/04: MIRU PU TOH W/1-1/4" X 22' PR W/12' LNR, 7/8" X 2' ROD SUB, 42 - 7/8" RODS, 252 - 3/4" RODS, 2" X 1-1/4" X 12' & 1" X 1' STRN NIP. TIH & TGD BTM 20' FR/EOT BFL 5,500' FS S 0 BO, 3 BW, 1 RUN, 1 HR. FFL 5,500' FS.

APACHE FEDERAL #9 WELLBORE DIAGRAM

06/22/04: SITP 20 PSIG, SICP 25 PSIG BFL 4,200' FS S. 30 BO, 23 BW, 23 RUNS,
7 HRS. FFL 5,000' FS PT TBG TO 1,000 PSIG FOR 10". HELD OK. TOH
W/120 JTS 2-3/8" TBG.

06/23/04: FIN TOH W/198 JTS 2-3/8" TBG, 2-3/8" X 5-1/2" TAC, 10 JTS TBG, SN, 2-
3/8" X 4' PERF SUB & 2-3/8" X 30' MA W/BP TALLIED TBG TGD BTM @
6,749' (38' OF FILL). TIH W/2-7/8" X 31' SOPMA, SN, 6 JTS TUBOCRIBE
2-3/8", 4.7#, J-55, 8RD, EUE TBG FR/TOOL PUSHERS, 4 JTS 2-3/8" TBG,
2-3/8" X 5-1/2" TAC & 198 JTS 2-3/8" TBG. SET TAC W/12K TENSION.
LANDED TBG W/DONUT. TAC @ 6,367', SN @ 6,691' & EOT @ 6,722'.
TIH W/2" X 1-1/4" X 12' RHAC PMP XTO #602 W/3/4" X 6' GAC, SPIRAL
ROD GUIDE, RHBO TL, 1" X 1' LIFT SUB, 222 - 3/4" RODS, 44 - 7/8"
RODS, 3/4" X 4' ROD SUB & 1-1/4" X 23' PR W/12' LNR PT TBG TO 500
PSIG FOR 5". HELD OK LS PMP W/RIG TO 500 PSIG. GD PA. HWO.
RDMO PU.

06/24/04: SITP 0 PSIG, SICP 120 PSIG. STD PU & RWTP @ 1:00 P.M., 6/23/04.
PPG @ 5 X 54" SPM.

Apache Federal #9

Proposed P&A

Basin Dakota

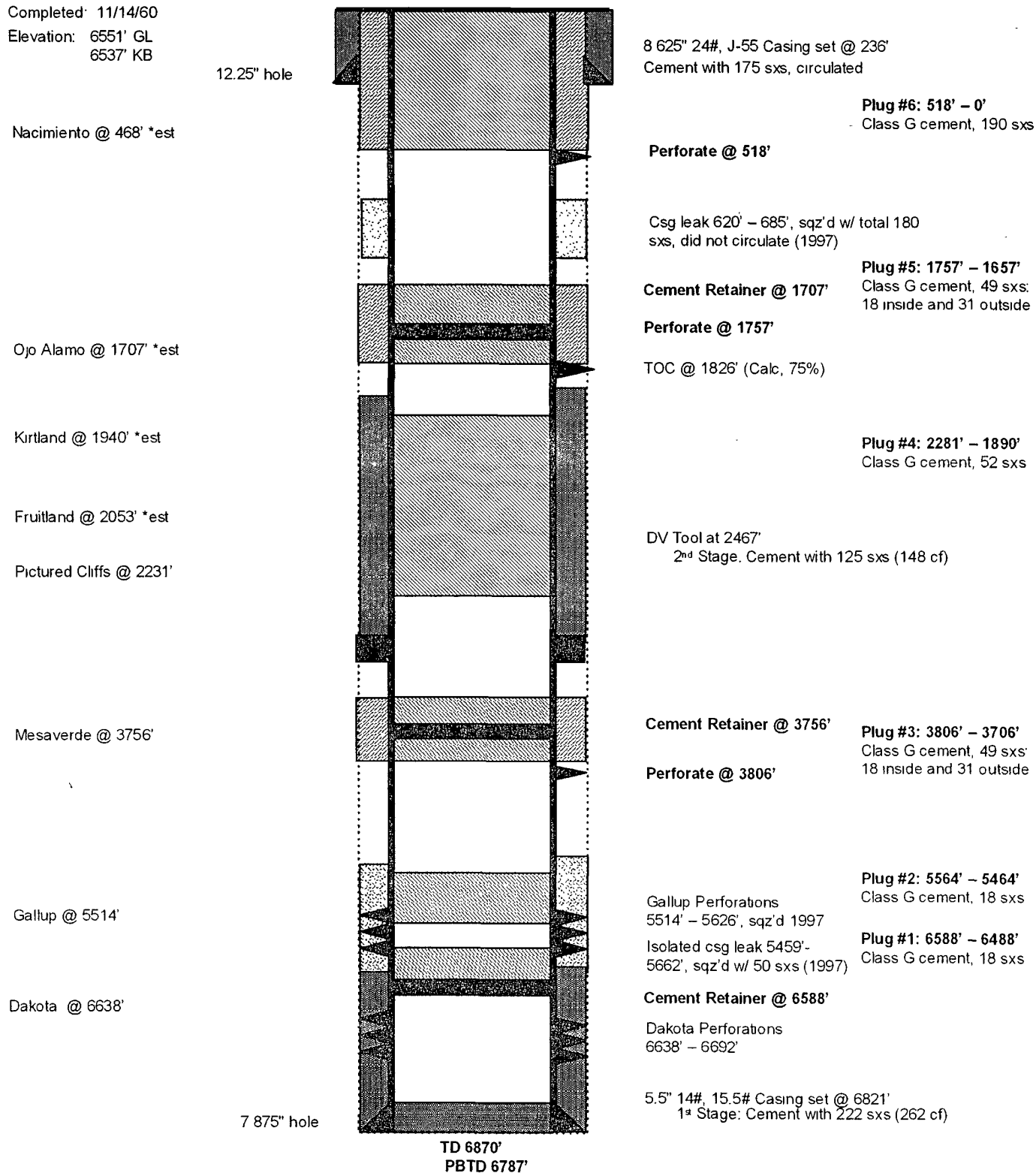
Today's Date: 6/24/08

Spud 9/04/60

Completed: 11/14/60

Elevation: 6551' GL
6537' KB

990' FNL, 990' FWL, Section 17, T-24-N, R-5-W
Rio Arriba County, NM, API #30-039-05513



The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from 10/26/09 in order to determine if they would like to assume ownership of the well. If the Jicarilla Apache Nation has not contacted your office before the end of the 45 days you may proceed with plugging operations.

**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: 9 Apache Federal

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 Gallup plug from 5545' – 5445'.
 - b) Place the Pictured Cliffs/Fruitland/Kirtland plug from 2284' – 1858'.
 - c) Place the Ojo Alamo plug from 1736' – 1636' inside and outside the 5 ½" casing.
 - d) Place the Nacimiento/Surface plug from 382' to surface 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.