

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-103

Revised March 25, 1999

WELL API NO 30-045-07785	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEDERAL <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name:  KEYS GAS COM C	
8. Well No. #1	
9. Pool name or Wildcat AZTEC PC / AZTEC FRUITLAND COAL	
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-01) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator: XTO Energy Inc.	
3. Address of Operator 2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401	
4. Well Location Unit Letter <u>N</u> : <u>990</u> feet from the <u>SOUTH</u> line and <u>1650</u> feet from the <u>WEST</u> line Section <u>29</u> Township <u>29N</u> Range <u>10W</u> NMPM County <u>SAN JUAN</u>	
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 5562' GL	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

XTO Energy Inc. plans to have A Plus Well Service turnkey P&A this well per their attached procedure.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Ray Martin TITLE OPERATIONS ENGINEER DATE 4/22/02

Type or print name RAY MARTIN Telephone No 505-324-1090

(This space for State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of approval, if any:

## PLUG AND ABANDONMENT PROCEDURE

3/19/02

### Keys Gas Com "C" 1

Aztec Pictured Cliffs / Fruitland Sand  
990' FSL & 1650' FWL, Section 29, T29N, R10W  
San Juan County, New Mexico, API #30-045-07785

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

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMCCD, BLM, and XTO safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and LD 1-1/2" IJ Fruitland tubing, total 1611'. PU on 1-1/2" PC EUE tubing and release seal assembly from Model D packer. TOH and tally PC tubing; LD seal assembly packer. If necessary prepare a 2-3/8" tubing workstring. Run a 5-1/2" wireline gauge ring or casing scraper to 1750'.
3. **Plug #1 (Pictured Cliffs perforations, 1750' -- 1650')**: TIH and set a 5-1/2" cement retainer at 1750'. Pressure test tubing to 1000#. Attempt to load casing above CR with water and circulate well clean. Mix 18 sxs cement and spot a balanced plug inside casing above the CR to isolate the Pictured Cliffs perforations. TOH with tubing.
4. **Plug #2 (Fruitland perforations and top, 1545' -- 1420')**: Set 5-1/2" cement retainer or CIBP at 1545'. Load casing with water and circulate the well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 20 sxs cement and spot a plug inside the casing above CR to isolate the Fruitland perforations. TOH with tubing.
5. **Plug #3 (Kirtland and Ojo Alamo tops, 807' -- 575')**: Perforate 3 HSC squeeze holes at 807'. If the casing pressure tested, then establish rate into squeeze holes. Set a 5-1/2" CR at 757'. Mix and pump a 101 sxs cement, squeeze 68 sxs outside 5-1/2" casing and leave 33 sxs inside casing to cover the Kirtland and Ojo Alamo tops. TOH and LD tubing.
6. **Plug #4 (8-5/8" casing shoe, 268' - Surface)**: Perforate 3 HSC squeeze holes at 268'. Establish circulation out bradenhead. Mix and pump approximately 90 cement down 4-1/2" casing. Circulate cement out the bradenhead valve. SI and WOC.
7. 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.

# Keys Gas Com "C" #1

Current

Aztec Pictured Cliffs/ Fruit and Sand, API #30-045-07785  
SW, Section 29, T-29-N, R-10-W, San Juan County, NM

Today's Date: 3/19/02  
Spud: 11/20/57  
Comp: PC Comp: 11/30/57  
Ft Comp: 10/6/59  
Elevation: 5548' GI  
5562' KB

12-1/4" Hole

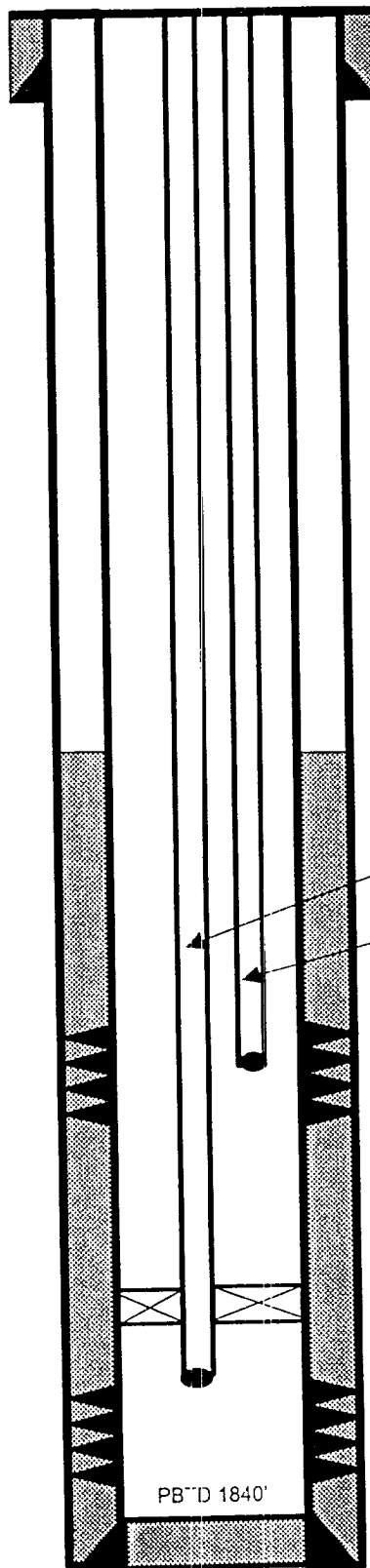
Ojo Alamo @ 625'

Kirtland @ 757'

Fruitland @ 1470'

Pictured Cliffs @ 1798'

7-7/8" Hole



8-5/8" 22.3# K-55 Csg set @ 218'  
185 sxs cement (Circulated to Surface)

## Well History

Nov '57: Completed PC zone.

Sep '59: Tubing parted while TOH. Fished out tubing. Set Model D 1780. Perfed and fraced Fruitland sands. Landed Baker "E" Latch Down seal assembly in packer with PC tubing at 1801'.

Apr '60: Ran 1-1/2" IJ tubing for Fruitland. Land at 1611.

Feb '76: Ran paraffin knife; no paraffin.

Feb '96: Commingle production at surface.

TOC Unknown; Calculates to have circulated to surface with a 50% efficiency however returns were lost while cementing.

PC: 1-1/2" Tubing Set at 1801'  
(54 joints, 2.3#, EUE)

FT: 1-1/2" Tubing Set at 1611'  
(48 joints, IJ)

Fruitland Sand Perforations:  
1595' - 1655'

Baker Model D Packer @ 1780'

Pictured Cliffs Perforations:  
1802' - 1826'

5-1/2" 14#, K-55 Casing at 1855'  
Cement with 480 sxs (803 sfs)  
lost circulation during cement job.

PB"D 1840'

TD 1856'

# Keys Gas Com "C" #1

## Proposed P&A

Aztec Pictured Cliffs/ Fruitland Sand, API #30-045-07785

SW, Section 29, T-29-N, R-10-W, San Juan County, NM

Today's Date: 3/19/02

Spud: 11/20/57

Comp: PC Comp: 11/30/57

Ft Comp: 10/6/59

Elevation: 5548' GI

5562' KB

12-1/4" Hole

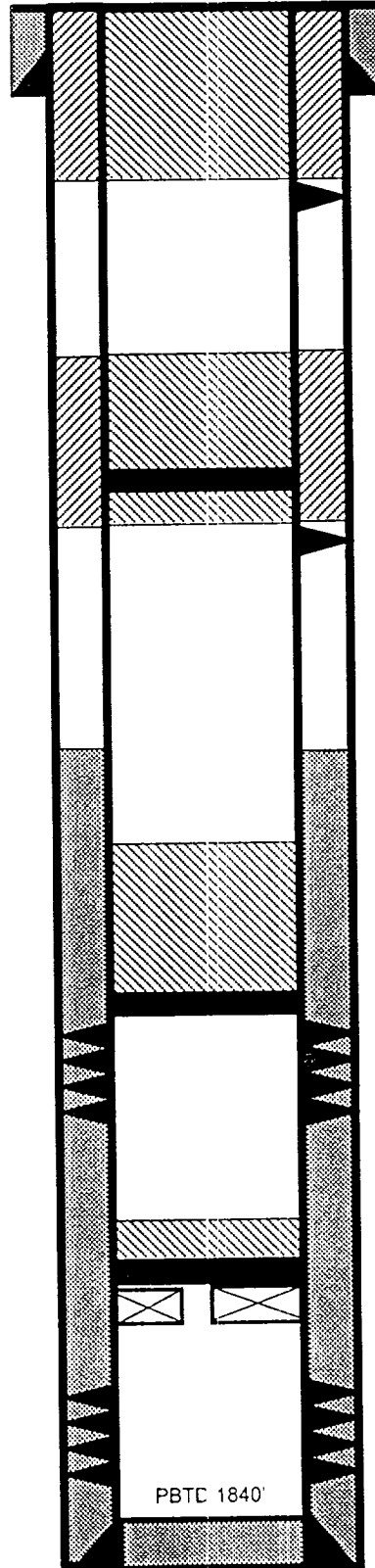
Ojo Alamo @ 625'

Kirtland @ 757'

Fruitland @ 1470'

Pictured Cliffs @ 1798'

7-7/8" Hole



8-5/8" 22.3# K-55 Csg set @ 213'  
185 sxs cement (Circulated to Surface)

Plug #4 @ 268' – Surface  
Cement with 90 sxs

Perforate @ 266'

Plug #3 @ 807' – 575'  
Cement with 101 sxs,  
68 outside casing  
and 33 inside.

Cmt Ret @ 757'

Perforate @ 807'

TOC Unknown; Calculates to  
have circulated to surface with a  
50% efficiency. However returns  
were lost while cementing.

Plug #2 @ 1545' – 1420'  
Cement with 20 sxs

Set CR or CIBP at 1545'

Fruitland Sand Perforations:  
1595' – 1655'

Plug #1 @ 1750' – 1650'  
Cement with 18 sxs

Set CR at 1750'

Baker Model D Facker @ 1780'

Pictured Cliffs Perforations:  
1802' – 1826'

5-1/2" 14#, K-55 Casing at 1855'  
Cement with 480 sxs. (803 sxs  
lost circulation during cement job)

TD 1356'