

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well GAS	5. Lease Number SF-078138
2. Name of Operator MERIDIAN OIL	6. If Indian, All. or Tribe Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name
4. Location of Well, Footage, Sec., T, R, M 1650'FSL, 1550'FWL Sec.22, T-30-N, R-11-W, NMPM	8. Well Name & Number Morris A #10
	9. API Well No. 30-045-21440
	10. Field and Pool Basin Ft Coal
	11. County and State San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injectio
	<input checked="" type="checkbox"/> Other - restimulation	

13. Describe Proposed or Completed Operations

It is intended to restimulate this wellbore per the attached procedure.

RECEIVED  
JUN 13 1994  
OIL CON. DIV.  
DIST. 3

RECEIVED  
BLM  
54 JUN -1 AM 11:36  
070 FARMINGTON, NM

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

Signed [Signature] (SBD) Title Regulatory Affairs Date 6/1/94

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_

CONDITION OF APPROVAL, if any:

APPROVED  
JUN 06 1994  
DISTRICT MANAGER

**Pertinent Data Sheet - MORRIS A #10**

**Location:** 1650' FSL, 1550' FWL, Unit K, Section 22, T30N, R11W, San Juan County, New Mexico

**Field:** Basin Fruitland Coal  
(Aztec Pictured Cliffs)

**Elevation:** 5826' DF  
5816' GR

**TD:** 2339'  
**PBTD:** 2308'

**Completed:** (FTC) 04/20/90  
(PC) 04/22/84

**Spud Date:** 03/14/74

**DP #:** 44210B      FTC  
**DP #:** 44210A      PC

**Casing Record:**

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top/Cement</u>
	8-5/8"		139'	100 sxs	Surface/Circ
	2-7/8"	6.4#	2339'	260 sxs	To be determined

**Tubing Record:**

<u>Tbg Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>
1 1/4"	2.4# J-55 I J	2175'

**Formation Tops:**

Ojo Alamo	828'
Kirtland:	929'
Fruitland:	1872'
Pictured Cliffs:	2208'

**Logging Record:** IEL, CDL-GR (1974)

**Stimulation:**    PC    Frac'd W/ 24,00#'s,sand, 24,000 gals H2O  
                          FTC   BROKE DOWN W/ 760 GAL 7 1/2%HCl

**Workover History:**

4/90:    PB TO FTC FTC PERFS:1995'-2182', 2SPF,TOTAL OF 76 HOLES  
         BROKE DOWN W/ 760 GAL, 7 1/2%HCl SICP = 550 PSI

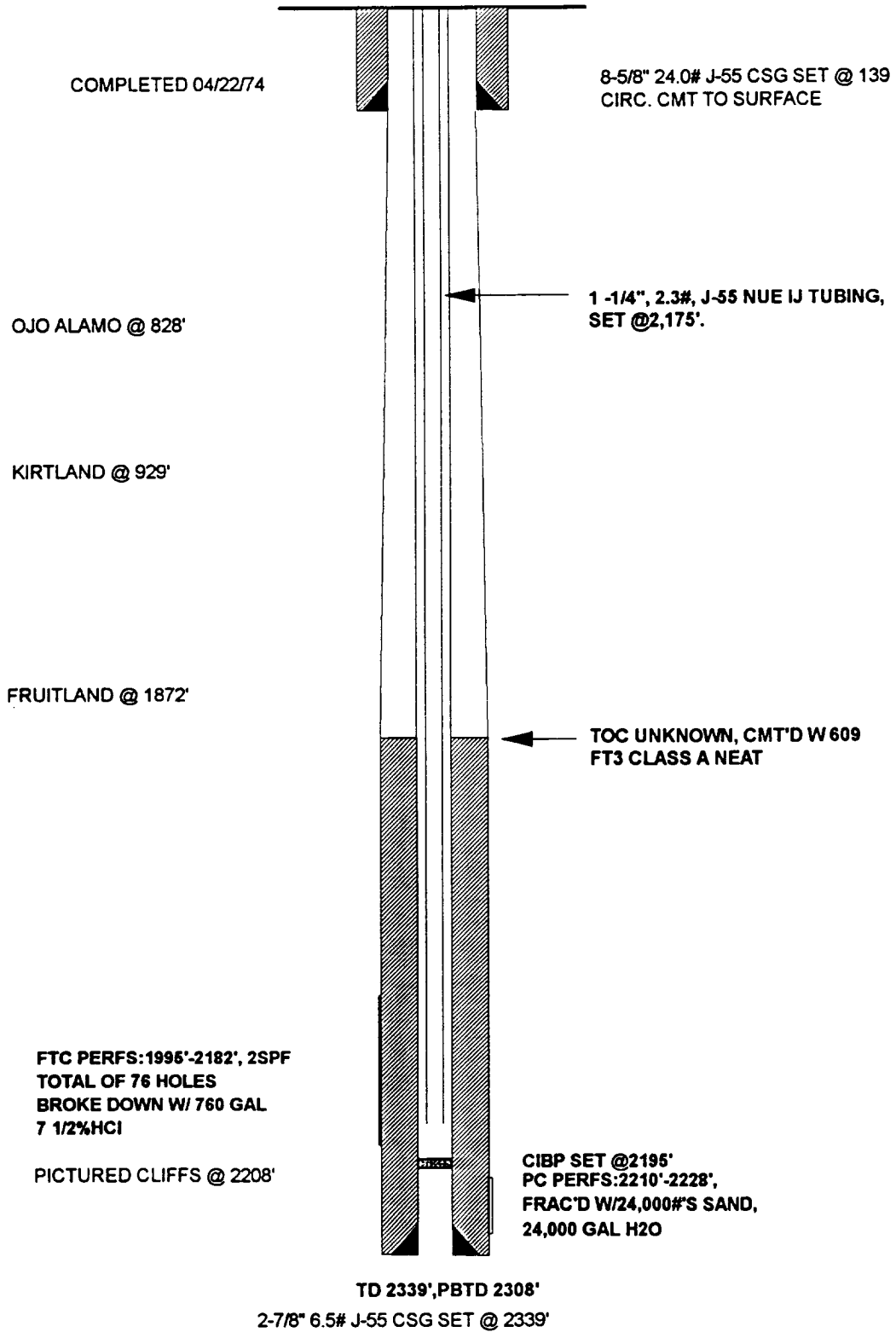
**Production History:**    PC    CUM'D 69.6 MMCF  
                                  FTC   CUM'D 0 MMCF

**Transporter:** EL PASO NATURAL GAS

# MORRIS A #10

CURRENT

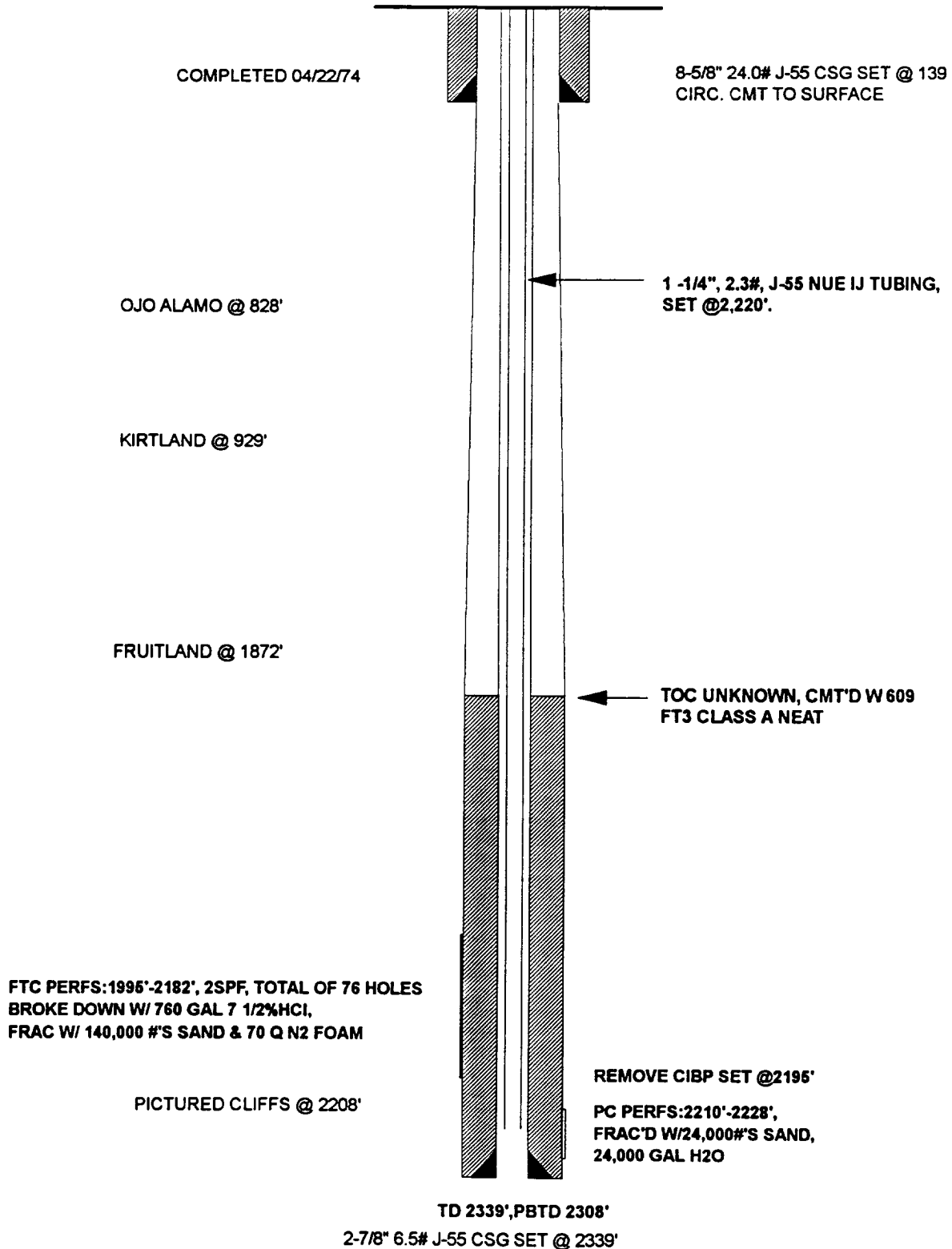
BASIN FRUITLAND COAL  
UNIT K, SEC 22, T30N, R11W, SAN JUAN COUNTY, NM



# MORRIS A #10

## PROPOSED

BASIN FRUITLAND COAL / AZTEC PICTURED CLIFFS  
UNIT K, SEC 22, T30N, R11W, SAN JUAN COUNTY, NM



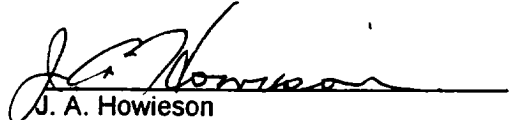
MORRIS A #10  
Recommend Completion Procedure  
SW/4 SECTION 22 T30N R11W

1. Test rig anchors and repair if necessary. Install 2-400 bbl frac tanks on location and fill with 2% KCl water. Filter all water to 25 microns.
2. MOL and RU. Comply to all NMOC, BLM and MOI rules & regulations. Hold safety meeting. TOOH w/ 2175' of 1-1/4" tbg, tally & inspect. PU 1-1/4" workstring.
3. ND wellhead. NU BOP. Test operation of rams. NU two relief lines.
4. TIH w/ 2-1/4" bit and 2-7/8" casing scraper on 1-1/4" tbg and clean out to PBTD of 2195'. TOOH.

**\*\*\*FRUITLAND COAL\*\*\***

5. TIH w/ 1-1/4" tbg and fullbore pkr between 1970' - 1980'. Load backside w/ 2% KCl water. Set packer @1980 and pressure test annulus to 4000 psi. TOOH. If pressure test fails contact production engineering prior to proceeding with frac procedure.
6. RU treatment company for frac. Hold safety meeting with all personnel. Pressure test surface lines to 5000 psi. Fracture treat lower coal according to attached schedule w/ 70Q foam at 30 BPM with 130,000 lbs of 20/40 mesh Arizona sand and 10,000 #'s 12/20 mesh Arizona sand. Tag sand with 0.4 mCi/1000# Ir-192 tracer. Flush with 16 bbls 2% KCl. Estimated treating pressure is 2800 psi. **MAXIMUM PRESSURE IS LIMITED TO 4000 PSI** Monitor backside and braden head pressures during frac. Monitor bottomhole and surface treating pressure, rate, foam quality and sand concentration with computer van. Frac during daylight only.
7. SI well for 3 hours for gel break.
8. After gel break, open well through choke manifold & monitor flow. Flow @ 20 bbls/hr, or
9. When well ceases to flow, TIH w/ 1-1/4" tbg and csg scraper to 2190'. TOOH.
10. Run After-Frac-Gamma-Ray log from PBTD (2195') - Ojo Alamo depth of 828'. NOTE: IF AFTER FRAC GR SHOWS STIMULATION INEFFECTIVE, REMEDIAL STIMULATION WILL BE EVALUATED AT THIS POINT
11. TIH w/ 2-1/4" bit and four 1-13/16 HOMCO STREAMLINE DRILL PIPE and 1-1/4" tbg, drill out CIBP @ 2195'.
12. Clean out to TD blow well clean. TOOH
13. TIH w/ standard seating nipple one jt off bottom and pump-off plug on bottom and 2190' of 1-1/4" tbg. Land tbg string.
14. ND BOP and NU independent wellhead. Pump off plug. **Take final Pitot gauge.** Rig down & release rig.

Approve:

  
J. A. Howieson

**VENDORS:**

Wireline:	Blue Jet	325-5584
Fracturing:	WESTERN	327-6222
RA Tagging:	Protechnics	326-7133

SBD