

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p> <hr/> <p>2. Name of Operator <b>MERIDIAN OIL</b> <i>Scottland Property Co.</i></p> <hr/> <p>3. Address &amp; Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M 790'FSL, 790'FWL Sec.5, T-27-N, R-11-W, NMPM</p>	<p>5. Lease Number SF-080382</p> <p>6. If Indian, All. or Tribe Name</p> <p>7. Unit Agreement Name</p> <p>8. Well Name &amp; Number Santa Fe G #2</p> <p>9. API Well No.</p> <p>10. Field and Pool Basin Ft Coal</p> <p>11. County and State San Juan Co, NM</p>
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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 - refrac	

13. Describe Proposed or Completed Operations

It is intended to refracture this well per the attached procedure.

**RECEIVED**  
MAR 1 4 1994  
**OIL CON. DIV.]**  
DIST. 3

070 FARMINGTON, NM  
94 FEB 16 PM 3:23

RECEIVED  
BLM

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

Signed *Randy Bladwell* (SBD) Title Regulatory Affairs **APPROVED** Date 1/6/94

(This space for Federal or State Office use)

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

CONDITION OF APPROVAL, if any:

**FEB 17 1994**  
Date  
**DISTRICT MANAGER**

NMOCD

**Pertinent Data Sheet - Santa Fe G #2**

**Location:** 790' FSL, 790' FWL, Section 5, T27N, R11W; San Juan County, New Mexico

**Field:** Basin Fruitland Coal

**Elevation:** 6105' GL

**TD:** 5925'

**PBTD:** 1880'

**Completed:** 11-18-88

**1st Del:** 02-14-91

**DP #:** 69345B

**Spud Date:** 06-03-61

**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>
12 1/4"	8 5/8"	24.0# K-55	197'	175 sxs	Surface/Circ
7 7/8"	4 1/2"	11.6# J-55	5923'	400 sxs	TOC @ 4700' TS
		DV Tool @	2065'		
		Cmt Retainer @	1880'		

**Tubing Record:**

<u>Tbg Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>	
1 1/2"	2.9# J-55	1849'	SN @ 1817'

**Formation Tops:**

Ojo Alamo: 861'  
Kirtland: 970'  
Pictured Cliffs: 1850'

**Logging Record:**

**Stimulation:**

FTC : 126 GALLONS 7 1/2% HCl

**Workover History:**

PB FROM GALLUP TO FTC 11/88, Ojo Alamo squeezed 11/88

**Production History:**

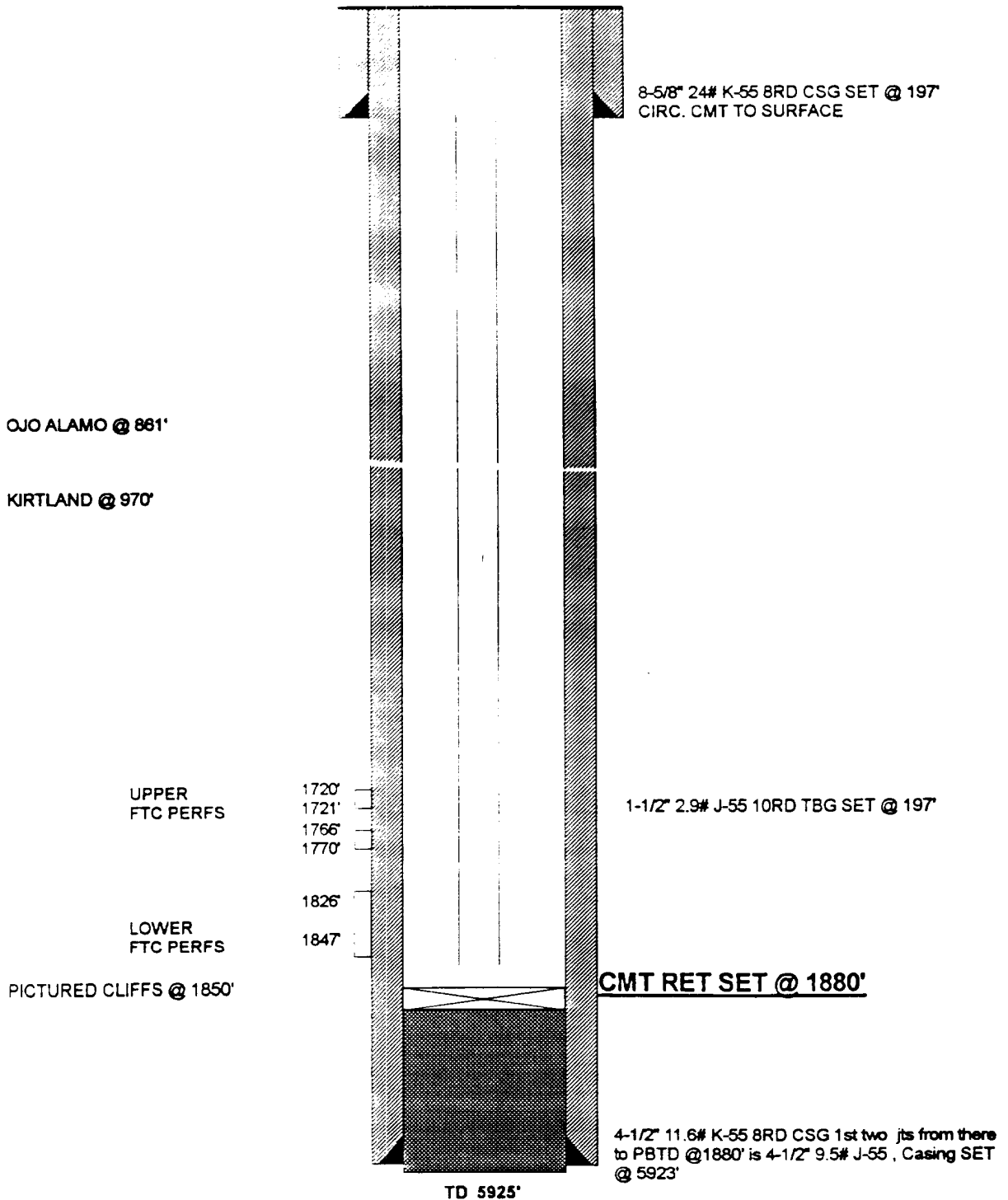
**Transporter:**

# SANTE FE G #2

CURRENT

BASIN FRUITLAND COAL

UNIT M. SEC 05, T27N, R11W, SAN JUAN COUNTY, NM



SANTE FE G #2  
Recommend Completion Procedure  
Unit M Section 5 T27N 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 NMOCDD, BLM and MOI rules & regulations. Hold safety meeting. ND wellhead. NU BOP. Test operation of rams. NU two relief lines.
3. TOOH w/ 1839' of 1-1/2" tbg, tally & inspect.
4. TIH w/ 3-3/4" bit and 4-1/2" casing scraper on 2-3/8" tbg and clean out to PBTD of 1880'. TOOH. **NOTE: 1ST TWO JTS OF CASING ARE 4-1/2", 11.6#, FROM THERE ALL CASING TO PBTD IS 4-1/2", 9.5#.**
5. 6. TIH w/ 2-7/8" 6.4# N-80 FJ frac string and set fullbore pkr @ 1700'. Pressure test backside to 500 psi for 15 minutes. Release packer and set at 1860, pressure test cement retainer to 3000 psi. If either pressure test fails, **contact production engineering.**

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

6. Release pkr set @ 1860' and reset between 1785' - 1790'. Load backside w/ 2% KCl water.
7. 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 20 BPM with 100,000 lbs of 20/40 mesh Arizona sand. Tag all sand w/ 0.4 mCi/1000# Ir-192 tracer. Flush with 9 bbls 2% KCl water. Estimated treating pressure is 2500 psi. **MAXIMUM PRESSURE IS LIMITED TO 5000 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.
8. SI well for 3 hours for gel break.
9. After gel break, open well through choke manifold & monitor flow. Flow @ 20 bbls/hr, or less if sand is observed.
10. When well ceases to flow, TOOH w/ pkr and frac string.
11. TIH w/ 2-3/8" tbg and 3-3/4" bit and clean out Fruitland Coal until sand flow stops. Take Pitot gauge. TOOH.
12. RU wireline and run After - Frac - GR log from 1880' to 1600'.
13. TIH w/ 1-1/2" tbg w/ standard seating nipple one jt off bottom and expendable check on bottom and CO to PSTD (1880'). Land tbg string @ 1870'.
14. ND BOP and NU independent wellhead. Pump off expendable check. **Take final Pitot gauge**. Rig down & release rig.

Approve:

  
J. A. Howieson

**VENDORS:**

Wireline:  
Fracturing:  
RA Tagging:

Basin  
B. J. SERVICES  
Protechnics

327-5244  
325-6961  
326-7133

SBD: