

submitted in lieu of Form 3160-5

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 MERIDIAN OIL</p> <hr/> <p>3. Address & 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 1650'FSL, 1650'FWL Sec.2, T-27-N, R-12-W, NMPM</p>	<p>5. Lease Number SF-078936</p> <p>6. If Indian, All. or Tribe Name</p> <p>7. Unit Agreement Name</p> <p>8. Well Name & Number Harmon A #1</p> <p>9. API Well No. 30-045-06826</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 Injunctio
	<input checked="" type="checkbox"/> Other - restimulate	

13. Describe Proposed or Completed Operations

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

RECEIVED
JUL 25 1994

OIL CON. DIV.
DIST. 3

RECEIVED
BLM
94 JUL 20 AM 10:52
070 FARMINGTON, NM

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

Signed [Signature] (SBD2) Title Regulatory Affairs Date 7/19/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

JUL 21 1994

[Signature]
DISTRICT MANAGER

NMOCD

HARMON A #1
Recommend Completion Procedure
Unit K Section 2 T27N R12W

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 NMOCD, BLM and MOI rules & regulations. Hold safety meeting. ND wellhead. NU BOP. Test operation of rams. NU two relief lines.
3. TOOH w/ 1585' of 2 3/8" tbg, tally & inspect.
4. TIH w/ 4-3/4" bit and 5-1/2" casing scraper on 2-3/8" tbg and clean out to PBTD of 1597'. TOOH.
5. TIH w/ 3-1/2", 9.3#, N-80, frac string and set fullbore pkr @ 1350'. Pressure test backside to 500 psi for 15 minutes. If pressure test fails, **contact production engineering**.

*****FRUITLAND COAL*****

6. RU treatment company for frac. Hold safety meeting with all personnel. Pressure test surface lines to 5000 psi.
7. Fracture treat lower coal according to attached schedule w/ 70Q foam at 20 BPM with 165,000 lbs of 20/40 mesh Arizona sand and 10,000 lbs 12/20 mesh Brady sand. Tag pad and sand as stated in attached **Nitrogen Foam Stimulation Procedure**. Flush with 8 bbls 2% KCl water. Estimated treating pressure is 2000 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**.
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 4-3/4" bit and clean out Fruitland Coal until sand flow stops. Take Pitot gauge. TOOH.
12. RU wireline and run After - Frac - GR log from 1596' to 1200'.
13. TIH w/ 2-3/8" tbg w/ standard seating nipple one jt off bottom and expendable check on bottom and CO to PBTD (1596'). Land tbg string @ 1585'.
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:	SCHLUMBERGER	325-5006
Fracturing:	WESTERN	327-6222
RA Tagging:	Protechnics	326-7133