

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 1545'FSL, 1775'FWL Sec.16, T-26-N, R-5-W, NMPM</p>	<p>5. Lease Number Jic Contract 109</p> <p>6. If Indian, All. or Tribe Name Jicarilla Apache</p> <p>7. Unit Agreement Name</p> <hr/> <p>8. Well Name & Number Jicarilla F #12</p> <p>9. API Well No. 30-039-</p> <p>10. Field and Pool Basin Ft Coal/ S.Blanco PC</p> <p>11. County and State Rio Arriba 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 checked="" 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 -	

13. Describe Proposed or Completed Operations

The Fruitland Coal will be perforated and stimulated in this wellbore in the following manner: This is a 2-7/8" slimhole completion. Set CIBP at 3035', above the existing Pictured Cliffs perforations at 3038' - 3084'. Run GR-CBL to verify Top of Cement. Good TOC must be above 2900' to continue. Perforate the Fruitland Coal interval (2940' - 3030'). Fracture stimulate the Fruitland Coal perforations. Run after frac gamma ray log in an attempt to verify if frac stayed in zone. Clean out sand, drill out CIBP. Application will be made to the NMOCD for commingling. Attached is a procedure and wellbore diagram for this work.

TA PC

RECEIVED
MAY 20 1994

OIL CON. DIST. 3

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

Signed *John Bradford* Title Regulatory Affairs Date 4/29/94

(This space for Federal or State Official use)
APPROVED BY *Patricia M. Hester* Title Chief, Lands and Mineral Resources Date MAY 18 1994
CONDITION OF APPROVAL, if any:

8

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

Form C-10
 Revised February 21, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-06471		2 Pool Code 71629/72489		3 Pool Name Basin Fruitland Coal/S. Blanco Pictured Cliffs	
4 Property Code		5 Property Name Jicarilla "F"		6 Well Number 12	
7 OGRID No. 14538		8 Operator Name MERIDIAN OIL INC.		9 Elevation 6559'	

10 Surface Location

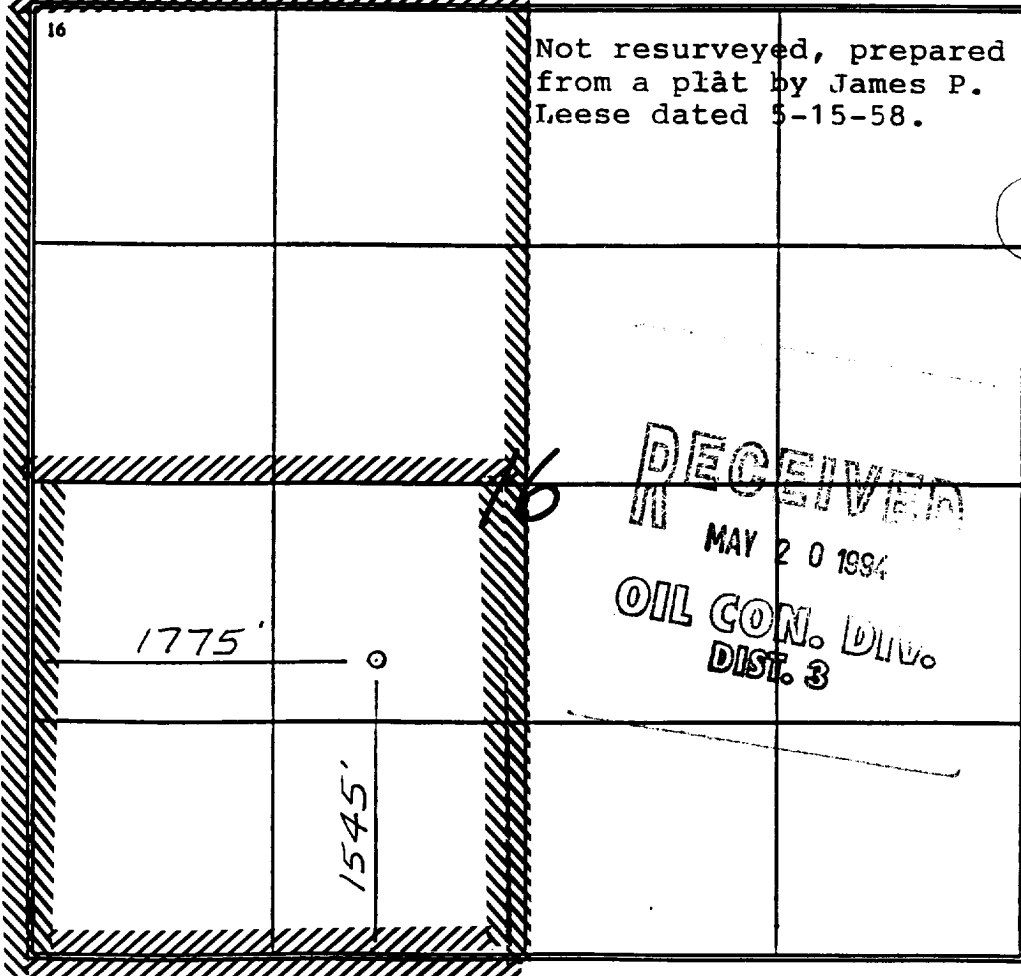
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	16	26 N	5 W		1545	South	1775	West	R.A.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 320/160	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Peggy Bradfield
 Signature
 Peggy Bradfield
 Printed Name
 Regulatory Representative
 Title
 5-4-94
 Date

18 SURVEYOR CERTIFICATION
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

5-2-94
 Date of Survey
 Signature and Seal of Professional Surveyor

 6857
 Certificate Number

Jicarilla F #12

Unit K, Sec. 16, T26N, R05W

Fruitland Coal Recompletion and Stimulation

CURRENT

PROPOSED

8-5/8" 24.0# H-40 SET @ 98'
CIRC. CMT TO SURFACE

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CIRC. CMT TO SURFACE

OJO ALAMO @ 2459'

KIRTLAND @ 2695'

FRUITLAND @ 2897'

PICTURED CLIFFS @ 3034'

LEWIS @ 3105'

TD 3141'

Calc. TOC @ 2700'

Calc. TOC @ 2700'

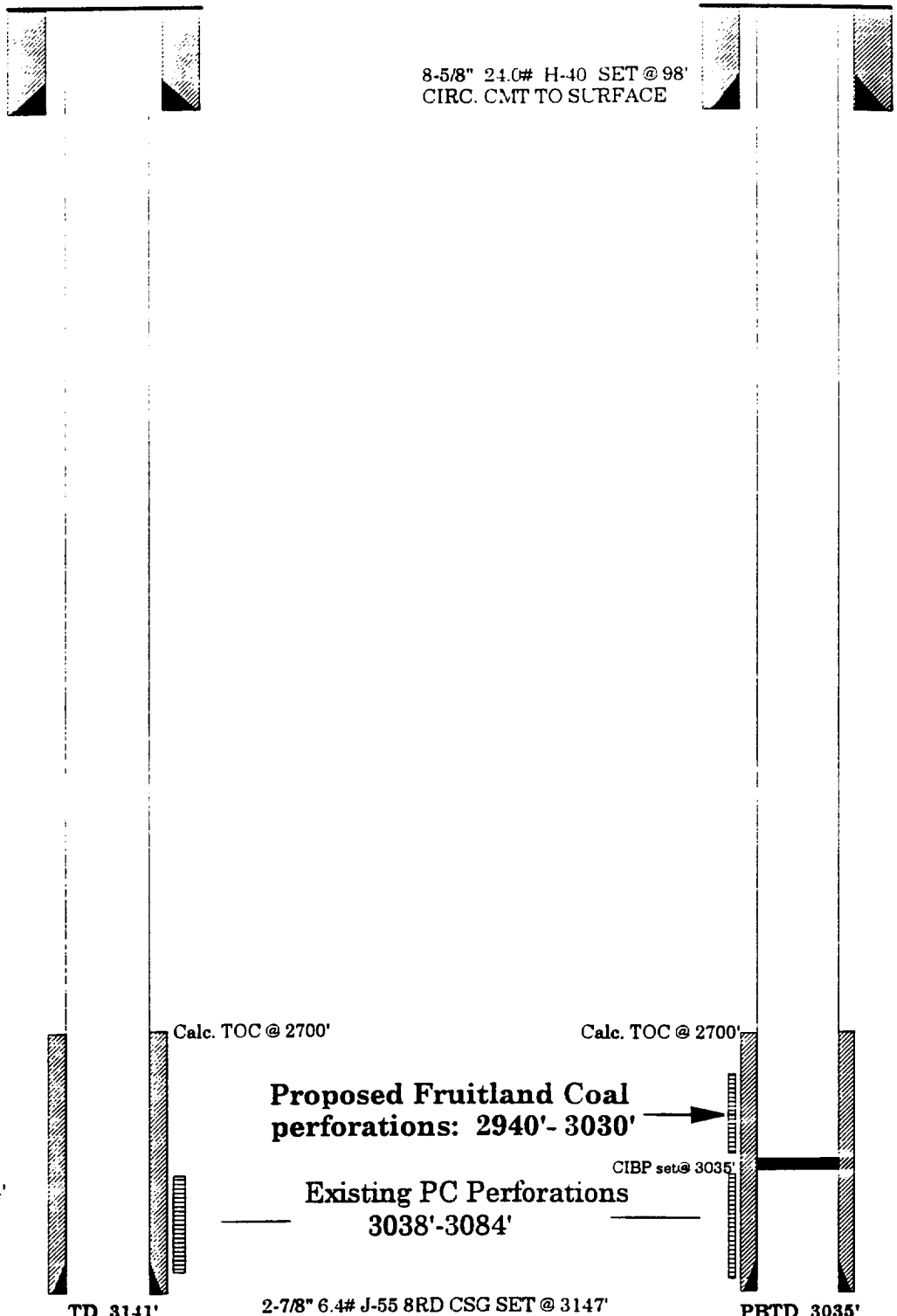
**Proposed Fruitland Coal
perforations: 2940'- 3030'**

**Existing PC Perforations
3038'-3084'**

CIBP set @ 3035'

2-7/8" 6.4# J-55 8RD CSG SET @ 3147'

PBTD 3035'



JICARILLA F #12
 Unit K, Section 16, T26N, R05W
 Recommended Stimulation Procedure
Fruitland Coal Recompletion

Inspect location and install and/or test rig anchors. Install 1 - 400 bbl rig tank and fill w/ 2% KCl water. Comply with all BLM, NMOCD, Jicarilla Apache, and MOI rules and regulations. Notify engineering when work has commenced. Hold Safety Meetings on a regular basis.

1. Install 1 X 400 bbl frac tanks and fill with 2% KCl water.
2. Hold Safety Meeting. MIRU. Place fire and safety equipment in easily accessible locations. NU relief line and blooie line to laydown flow tank. Obtain and record all wellhead pressures.
3. Blow down tubing. If tubing will not blow down, kill well with KCl water. PBTB is 3141'.
4. RU wireline. RIH with 2-7/8" 6.4# guage ring and check pipe. Run GR - CNL - CCL from 3035' to 2400'. Run CBL from 3035' to top of cement (fluid level must be high enough to run CBL, if not, set CIBP then run CBL). Good top of cement must be above 2900' to continue. If good TOC is not above 2900', sqz procedures will be submitted by Production Engineering. If microannulus is suspected, rerun w/ 750 psi.
5. RIH w/ 2-7/8" CIBP and set @ 3035' (3' above top PC perf.). Pressure test CIBP and 2-7/8" csg to 4000 psi for 15 min. If pressure test fails, locate leak and contact Production Engineering for repair procedure.

Fruitland Coal Stimulation:

6. TIH w/ dump bailer and spot 12% Acetic acid across Fruitland Coal interval. Perforate the Fruitland Coal interval with API part number 017 - 3405 - 008 charges.

2940' - 2952', 2977' - 2983', 2997' - 3004', 3014' - 3030' (2 spf, 82 holes)
 24' 12' 6' 7' 16'

7. RU stimulation company. Prepare to fracture stimulate the Fruitland Coal.
8. Pressure test surface treating lines to 5000 psi. **Maximum treating pressure is 4000 psi.** Fracture and tag the FTC according to the attached procedure. Flow-back the well immediately using a variable choke manifold. Increase choke size as needed to keep the well from logging off, if possible.
9. RU wireline, tag sand, if sand is above bottom set of perforations, CO to CIBP at 3035'. Run After-frac tracer Survey-GammaRay (report if frac stayed in zone, if possible), POOH. RD wireline. Send copy of logs to Production Engineering.
10. Obtain final pitot gauge. ND BOP, NU WH. Contact Production Operations for well tie-in. RD and MOL.

Approved: _____
 Drilling Superintendent

Suggested Vendors:

Wireline:	Blue Jet	325-5584
Radioactive Tag:	ProTechnics, Intl	326-7133
Stimulation:	BJ Services	327-6288
Packer/RBP:	Baker Oil Tools	325-0216
Production Oper.:	Bruce Voiles	326-9571
Engineering:	Brian Ault	326-9871 w 326-6613 h