

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
SEP 11 1995  
OIL & GAS DIVISION

Sundry Notices and Reports on Wells

SEP 11 1995 PM 1:56

1. Type of Well  
GAS

2. Name of Operator  
**MERIDIAN OIL**

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M  
1650' FNL, 890' FEL, Sec. 7, T-27-N, R-10-W, NMPM

5. Lease Number  
SE-077875  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name  
8. Well Name & Number  
Pipkin #6  
9. API Well No.  
30-045-06693  
10. Field and Pool  
Basin Fruitland 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 Injection
	<input checked="" type="checkbox"/> Other - Pay add	

## 13. Describe Proposed or Completed Operations

It is intended to add pay to the existing Fruitland Coal interval @ 1543-1794' according to the attached procedure and wellbore diagram.

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

Signed [Signature] (SCWFTC) Title Regulatory Administrator Date 9/5/95

(This space for Federal or State Office use)

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

CONDITION OF APPROVAL, if any:

**APPROVED**

SEP 07 1995

NMOCD

DISTRICT MANAGER

**LAT - LONG 36.592484 - 107.930252**  
**MERIDIAN OIL - OVERBALANCED PERFORATING PROCEDURE**

**Pipkin #6**

**GENERAL WELL DATA:**

**Well Name:** Pipkin #6  
**Location:** Unit H, Section 07, T27N, R10W  
**County, State:** San Juan, New Mexico  
**Field:** Basin Fruitland Coal  
**Formation:** Fruitland Coal  
**Elevation:** 5981' GL  
**AFE #:**

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OIL CON. DIV.  
BELL 3

**GEOLOGY:** TD: 1881'  
PBTD: 1800'

Surface:	
Ojo Alamo:	745'
Kirtland:	890'
Fruitland Coal:	1425'

**Deliver to location:**

1. 1700' of 2-7/8", N-80, 6.5# fracstring to location.
2. One set of 2-7/8" N-80 space out pup joints for tubing conveyed perforating

**PROCEDURE:**

1. Hold safety meeting. MIRU daylight WO Rig. Place fire and safety equipment in strategic locations. Comply with all MOI, BLM and NMOC rules and regulations. RU flow lines. Blow down tubing and casing. Control well with 2% KCL. ND wellhead.
2. NU BOP. TOOH w/ 1792' of 2-3/8" tubing. Stand back. Visually inspect and replace any bad joints.
3. TIH w/ 2-7/8" tubing and Model G retrievable bridge plug. Set RBP @ approximately 1530'. Pressure test RBP and casing to 1000 psi for 15 minutes. If test fails, contact engineering.
4. Upon successful pressure test, sweep hole clean with nitrogen unit. Release RBP and TOOH.
5. RU Advanced Completion Specialists. TIH with following bottoms up. (Reference Attached Advanced Completion Tool Configuration) (Also reference Advance Completion interval information for perforation, spacer, and proppant carrier spacing.):
  - A) 3-3/8", 4 spf, 90° phased tubing convey guns
  - B) 3-3/8" proppant carrier with 20/40 bauxite sand
  - C) 3-3/8" blank gun spacer

Space guns, proppant carrier, and blanked guns per attached configuration.

- D) firing head w/ vent system
- E) 1 jt of 2-7/8", N-80, 6.5# tubing

- F) Baker 5-1/2" Lokset packer
  - G) 1 jt of 2-7/8", N-80, 6.5# tubing
  - H) Radioactive Marker Sub
  - I) Approximately 47 jts of 2-7/8", N-80, 6.5# tubing
6. Load tubing with approximately 8 bbls of 2% KCL
  7. RU wireline unit. Run Gamma Ray correlation with marker sub. Space TCP guns to correct depth with 2-7/8", N-80 subs on floor. Perforated intervals are given on attached sheet.
  8. Set 5-1/2" Lokset packer at approximately 1570'
  9. RU nitrogen unit services. Pressure test surface lines to 4500 psi.
  10. Load annulus with approximately 24 bbls of 2% KCL and hold 1000 psi on casing.
  11. Load tubing with approximately 8,436 scf nitrogen. Surface pressure estimated at 3500 psi.
  12. Perforate Fruitland Coal with TCP guns.
  13. Release pressure on casing.
  14. Release 5-1/2" Lokset packer. Engage packer, pick-up, rotate to the right. Rotate at tool eight to ten times. Continue to rotate coming out of the hole to ensure slips are fully retracted. TOOH with 2-7/8" tubing and TCP equipment.
  15. TIH with 2-3/8" tubing with pump-off plug on bottom and a Model 'F' profile nipple one joint off bottom. Land tubing near bottom perforation. (1794') and run lockdown screws in on donut.
  16. Nipple down BOP. Nipple up wellhead assembly.
  17. Pump out plug. Blow hole clean with nitrogen unit. RD nitrogen unit.
  18. Take final gauges (Gas & Water) at 15 minutes, 30 minutes, 45 minutes and 60 minutes.  
**Notify Production Operations.** Shut in well. Rig down.

Compiled By:

  
S. C. Woolverton  
Production Engineer

Approved By:

\_\_\_\_\_  
D. W. Hill

\_\_\_\_\_  
Drilling Superintendent

**Vendors:**

Tubing Conveyed Perforating  
Tubing Rental  
Packer Rental  
Nitrogen Unit Services

Advanced Completion (307-235-0771)  
Oil Field Rental (327-4421)  
Baker Oil Tools (326-0216)  
BJ Services (326-6288)

SCW/scw      Engineer:      Sean Woolverton      (H) 326-4525      (W) 326-9837

**Pertinent Data Sheet - PIPKIN #6**

**Location:** 1650' FNL, 890' FEL, Unit H, Section 07, T27N, R10W, San Juan County, New Mexico

**Field:** Fruitland Coal                      **Elevation:** 5981' GL                      **ID:** 1881'  
**PBTD:** 1800'

**Completed:** 07-27-53                      **Spud Date:** 05-19-53                      **DP #:** 508788  
**Recompletion:** 08-04-89                      **1st Delivery:** 11-15-89                      **Lease #:** SF-077875  
**Prop #:** 012569301

**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"	32# N/A	102'	110 sxs	Circ/Surface
7-7/8"	5-1/2"	17# N/A	1806'	150 sxs	1296' @ 50% Calc

**Tubing Record:**

<u>Tbg Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>	
2-3/8"	4.7# J-55	1792'	SN @ 1761'

**Formation Tops:**

Ojo Alamo	745'
Kirtland:	890'
Fruitland:	1425'
Pictured Cliffs:	1858'

**Logging Record:** Electric = 6-3-53  
GR-CCL-CNL = 8-3-89

**Stimulation:**

**Pictured Cliffs**

Shot w/165 Qts 1813'-1881' SNG.

**Workover History:**

08-89: Plug Back Pictured Cliffs & Recomplete to Fruitland Coal  
Pumped 25 sxs cement under retainer @ 1800'  
Spot 250 gal. 7-1/2% HCL 1800'-1544'  
Perf: 1543'-1546', 1580'-1583', 1588'-1590', 1595'-1598', 1630'-1648',  
1660'-1664', 1668'-1670', 1682'-1686', 1694'-1699', 1730'-1734', 1788'-1794'  
w/2 SPF, 108 shots. Breakdown with 54.6 bbls slick water.

**Production History:**

Cumulative Gas Production: 687.57 MMCF  
Current Gas Production: 290 MCFD

**Transporter:** El Paso Natural Gas

# PIPKIN #6

AS OF 08/2/1995

BASIN FRUITLAND COAL

UNIT H, SEC 07, T27N, R10W, SAN JUAN COUNTY, NM

PICTURED CLIFFS  
COMPLETED 7/27/53

PLUGGED BACK FROM  
PICTURED CLIFFS TO  
FRUITLAND COAL 8/04/89

12-1/4" HOLE

8-5/8" 32# CSG SET @ 102'  
CMT W/ 110 SX  
CIRC CMT TO SURFACE

7-7/8" HOLE

OJO ALAMO @ 745'

KIRTLAND @ 890'

2-3/8" 4.7# J-55 TBG SET @ 1792'  
SEATING NIPPLE @ 1761'

TOC @ 1296' 50% CALC

FRUITLAND @ 1425'

PUMPED 25 SXS CMT UNDER  
RETAINER @ 1800'

PICTURED CLIFFS @ 1858'

SPOT 250 GAL 7-1/2% HCL @ 1800' - 1544'  
PERFS: 1543'-1546', 1580'-1583', 1588'-1590',  
1595'-1598', 1630'-1648', 1660'-1664', 1668'-1670',  
1682'-1686', 1694'-1699', 1730'-1734', 1788'-1794',  
W/2 SPF. BREAKDOWN PERFS W/54.6 BBLS  
SLICK WATER

5-1/2" 17# CSG SET @ 1806'  
CMT W/ 150 SX

TD 1881'