

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

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
990' FSL, 990' FWL, Sec. 35, T-27-N, R-9-W, NMPM

5. Lease Number
SF-078135
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
Huerfanito Unit
8. Well Name & Number
Huerfanito Unit #29
9. API Well No.
30-045-06100
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 - Restimulate

13. Describe Proposed or Completed Operations

It is intended to restimulate the subject well according to the attached procedure and wellbore diagram.

RECEIVED
AUG 2 3 1995
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (PMP1) Title Regulatory Administrator Date 8/14/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date **APPROVED**

CONDITION OF APPROVAL, if any:

AUG 17 1995
/s/ Ken Townsend
DISTRICT MANAGER

WMOCD

HUERFANITO UNIT #29 FRTC
 Workover Procedure
 M 35 27 9
 San Juan County, N.M.
 Lat-Long: 36.527054 - 107.763107

1. Comply to all NMOC, BLM, & MOI rules & regulations. MOL and RU completion rig. NU 6" 900 series BOP w/flow tee and stripping head. NU blooie line & 2-7/8" relief line.
2. Set blanking plug in S.N. of 2-3/8" tbg @ 2127' & pressure test to 3000 psi. Lower tbg to tag fill. If fill is above 2165', C.O. w/air/mist to 2170'. TOH w/67 jts 2-3/8" tbg.
3. Spot and fill 3-400 bbl. frac tanks w/1% KCL water. Filter all water to 25 microns. Two tanks are for gel & one tank for breakdown water. Usable water required for frac is 500 bbls.
4. TIH w/7" pkr on 3-1/2" 9.3# P-110 w/shaved collars (4.25" O.D. 2.992" I.D.) rental frac string & set @ 1950'. Load backside w/1% KCL water. Pressure backside to 500 psi & monitor during frac job.
5. Fracture treat FRTC down frac string w/69,000 gals. of 70 quality foam using 30# gel as the base fluid & 130,000# 20/40 Arizona sand. Pump at 55 BPM. Monitor bottomhole & surface treating pressures, rate, foam quality, & sand concentration with computer van. Sand to be tagged w/ 0.4 mCi/1000# Ir-192 tracer. Max. pressure is 6000 psi & estimated treating pressure is 4500 psi. Treat per the following schedule:

<u>Stage</u>	<u>Foam Vol. (Gals.)</u>	<u>Gel Vol. (Gals.)</u>	<u>Sand Vol. (lbs.)</u>
Pad	20,000	6,000	---
1.0 ppg	10,000	3,000	10,000
2.0 ppg	10,000	3,000	20,000
3.0 ppg	20,000	6,000	60,000
4.0 ppg	5,000	1,500	20,000
5.0 ppg	4,000	1,200	20,000
Flush	(712)	(214)	0
Totals	69,000	20,700	130,000#

Shut well in after frac for six hours in an attempt to allow the gel to break. Treat frac fluid w/the following additives per 1000 gallons:

- * 30# J-48 (Guar Gel mix in full tank - 16,000 gal)
- * 1.0 gal. Aqua Flow (Non-ionic Surfactant mix in full tank)
- * 1.0# GVW-3 (Enzyme Breaker mix on fly)
- * 1.0# B - 5 (Breaker mix on fly)
- * 5.0 gal Fracfoam I (Foamer mix on fly)
- * 0.38# FracCide 20 (Bacteriacide mix on full tank)

6. Open well through choke manifold & monitor flow. Flow @ 20 bbl/hr, or less if sand is observed. Take pitot gauges when possible.
7. Release pkr & TOH w/frac string. TIH w/4-3/4" bit on 2-3/8" tbg & clean out to 2170' w/air/mist.
8. Monitor gas & water returns & take pitot gauges when possible.

RECEIVED
BLN

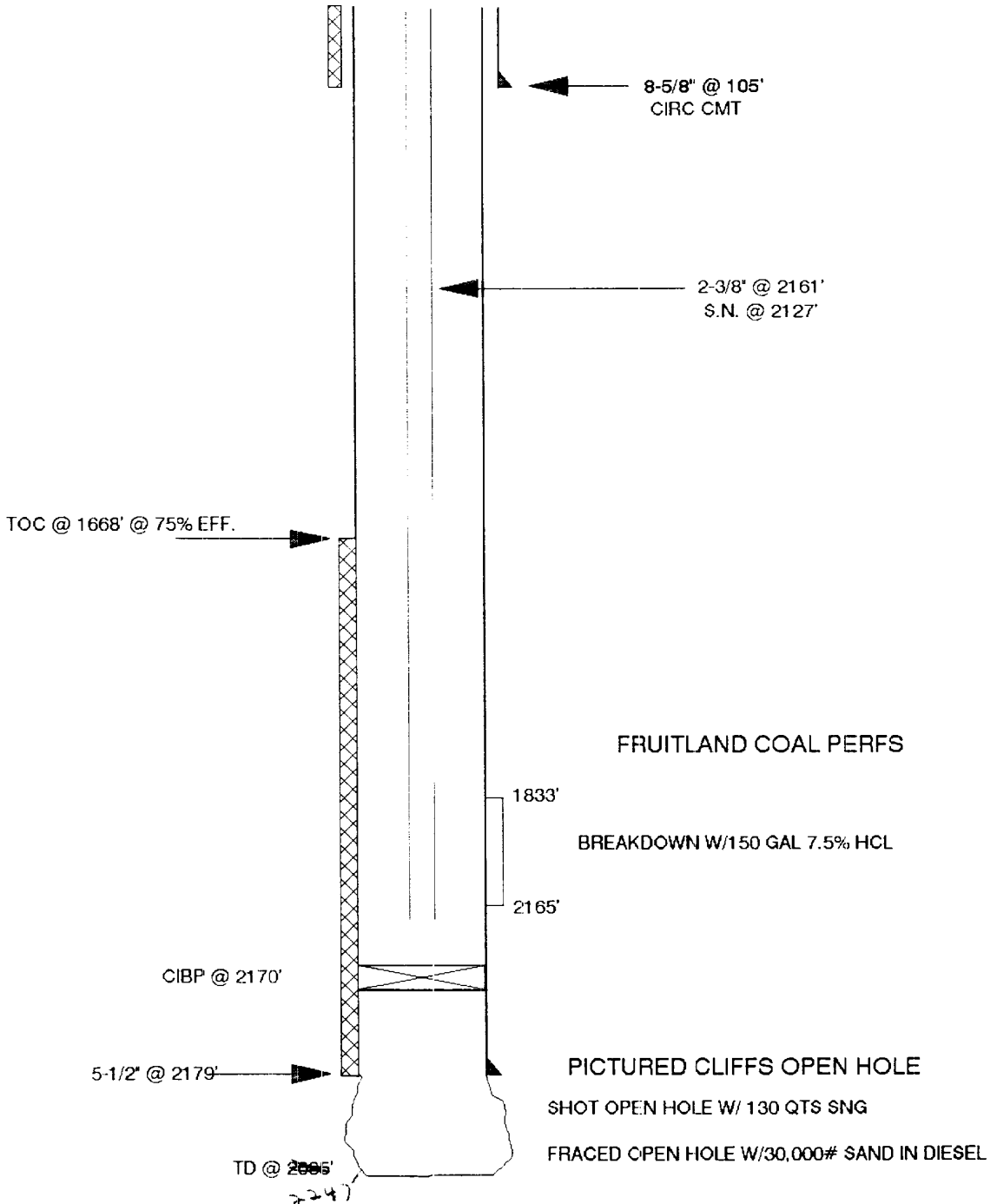
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OLD FARMINGTON, N.M.

HUERFANITO UNIT #29 FRTC

UNIT M SECTION 35 T27N R9W
SAN JUAN COUNTY, NEW MEXICO

PRESENT



Pertinent Data Sheet - HUERFANITO UNIT #29 FRTC

Location: 990' FSL & 990' FWL, Unit M, Section 35, T27N. R09W, San Juan County, New Mexico

Field: Basin Fruitland Coal **Elevation:** 6384' GL
7' KB **TD:** 2247'
PBTD: 2170'

Completed: 11-5-55 **Spud Date:** 8-17-55 **DP #:** 49435B
Recompleted: 7-2-90 **Lease:** Fed SF-078135
GWl: 100%
NRI: 72.50%
Prop#: 071076309

Initial Potential: Pitot Gauge FRTC = TSTM

Casing Record:

<u>Hole Size</u>	<u>Csq Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Cement (Top)</u>
12-1/4"	8-5/8"	24# J-55	105'	94 sx.	Circ Cmt
7-7/8"	5-1/2"	14# J-55	2179'	100 sx.	1668' @ 75% Eff.

Tubing Record:

<u>Tbg. Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	
2-3/8"	4.70# J-55	2161'	67 Jts
	SN @	2127'	

Formation Tops:

Ojo Alamo:	1410'
Kirtland Shale:	1490'
Fruitland:	1975'
Pictured Cliffs:	2202'

Logging Record: GRN ('55)

Stimulation: Shot open hole 2179'-2247' w/130 qts SNG. Fraced w/30,000# sand in diesel.

Workover History: 7-2-90: TOH w/1" tbg. Set CIBP @ 2003' & pressure tested to 1200 psi. Perf FRTC @ 1833'-35', 1874'-86', 1941'-44', 1954'-57', 1974'-82', Set CIBP @ 2170' Perfed FRTC @ 2026'-46', 2094'-2100', 2116'-23', 2128'-43', 2157'-65' w/2 spf. Broke down perfs w/150 gal 7.5% HCL acid & SPIT tool.

Production history: FRTC 1st delivered 11-9-90. SBHP = 570 psi @ 2150'. Current FRTC capacity is 49 MCF/D. PC cum is 128 MMCF. FRTC cum is 65 MMCF.

Pipeline: EPNG