

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells

95 AUG 16 PM 3:24

OTO FARMINGTON, NM

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
1190' FSL, 790' FWL, Sec. 15, T-27-N, R-10-W, NMPM

5. Lease Number
SF-077329
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
C.M. Morris #6
9. API Well No.
30-045-06476
10. Field and Pool
Fulcher Kutz Pict. Cliffs
11. County and State
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☒ Altering Casing
☒ Other - Stimulate
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut off
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to set and cement 3 1/2" casing, perforate and stimulate the subject well according to the attached procedure and wellbore diagram.

RECEIVED
AUG 23 1995
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (LJB2) Title Regulatory Administrator Date 8/14/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

Date **APPROVED**

AUG 17 1995
/s/ Ken Townsend
DISTRICT MANAGER

WMCCD

C.M. MORRIS #6 PC
Workover Procedure
M 15 27 10
San Juan County, N.M.
Lat-Long: 36.571152 - 107.888611

1. Comply to all NMOC, BLM, & MOI rules & regulations. MOI and RU completion rig. NU 6" 900 series BOP w/flow tee and stripping head. NU bleed line & 2-7/8" relief line.
2. TOH w/1" tbg & lay down. TIH w/4-3/4" bit on 2-3/8" work string & C.O. w/air/mist to new TD 2050'. Load hole w/500 gal 1% KCL water. TOH.
3. MI Blue Jet. Run an advanced integrated data processing GSL neutron log 2050'-1600'. Correlate log to open hole log.
4. Run 3-1/2"-OD 9 2# J-55 NUE tbg to TD 2050' w/Omega type latching collar above 2' tbg sub w/notched collar on bottom. Cement w/200sx 50-50 CI"B" POZ w/2% gel & 6-1/2#/sx kolite & 10% salt & 2% Cacl. (Calc @ 50% excess)(yield=1.44 cf/sx). After cmt. break & wash lines. run 2 wiper balls & Omega wiper latching plug. followed by 100 gal 7-1/2% HCL acid. Displace acid w/1%KCL water. Space out using tbg subs & install 3-1/2" csg in new csg spool. Install 6000 psi rental frac valve on 3-1/2" csg.
5. Pressure test csg to 6000 psi. MI Basin Perforating. Run GR-CCL & correlate to neutron log. Perf PC w/about 18 holes over 80' of PC interval as per Production Engineering Dept. Perf using a 2-1/8" gun w/RTG-2125-402NT & run centralized. These 6.7 gr Owen charges make a 0.27" hole and have 11-18" of penetration.
6. Break down PC perfs down 3-1/2" csg w/2000 gal 15% GCL & 150% excess perf balls. Acidize @ 7 BPM w/max pressure = 6000 psi. Run junk basket to retrieve balls.
7. Spot & fill 2-400 bbl. frac tanks w/2% KCL water. Filter all water to 25 microns. One tank is for gel & one tank is for breakdown water. Usable gel water required for frac is 355 bbls.
8. Frac PC down 3-1/2" csg w/49,000 gals. of 70 quality foam using 30# gel as the base fluid & 80,000# 20/40 Arizona sand. Pump at 40 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 3500 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	14.000	4.200	---
1.0 ppg	10.000	3.000	10.000
2.0 ppg	10.000	3.000	20.000
3.0 ppg	10.000	3.000	30.000
4.0 ppg	5.000	1.500	20.000
Flush	(706)	(212)	0
Totals	49.000	14.700	80.000#

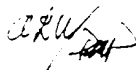
Shut well in after frac for six hours in an attempt to allow the gel to break. Treat frac fluid w/the following additives per 1000 gallons:

- * 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)

S.M. MORRIS #6 PC - CEMENT 3-1/2" CSG PERF PC. & FRAC

- * 1 10# B - 5 (Breaker mix on fly)
- * 5.0 gal Fractam (Foamer mix on fly)
- * 0.38# FracOxide 20 (Bactericide mix on full tank)

9. Open well through choke manifold & monitor flow. Flow @ 20 bbl/hr, or less if sand is observed. Take pitot gauges when possible.
10. Change out frac valve w/tbg head. TIH w/notched collar on 1-1/4" IU tbg & C.O. to 2045'. Monitor gas & water returns & take pitot gauges when possible.
11. When wellbore is sufficiently clean. TOH & run after frac gamma-ray log from 2045'-1600'.
12. TIH w/1-1/4" IU tbg w/standard seating nipple one joint off bottom & again cleanout to 2045'. Use expendable check if necessary. When wellbore is sufficiently clean, land tbg @ 1950' KB. Take final water & gas samples & rates.
13. ND BOP & NU wellhead & tree. Rig down & release rig.



Approve: _____

Drilling Superintendent

VENDORS

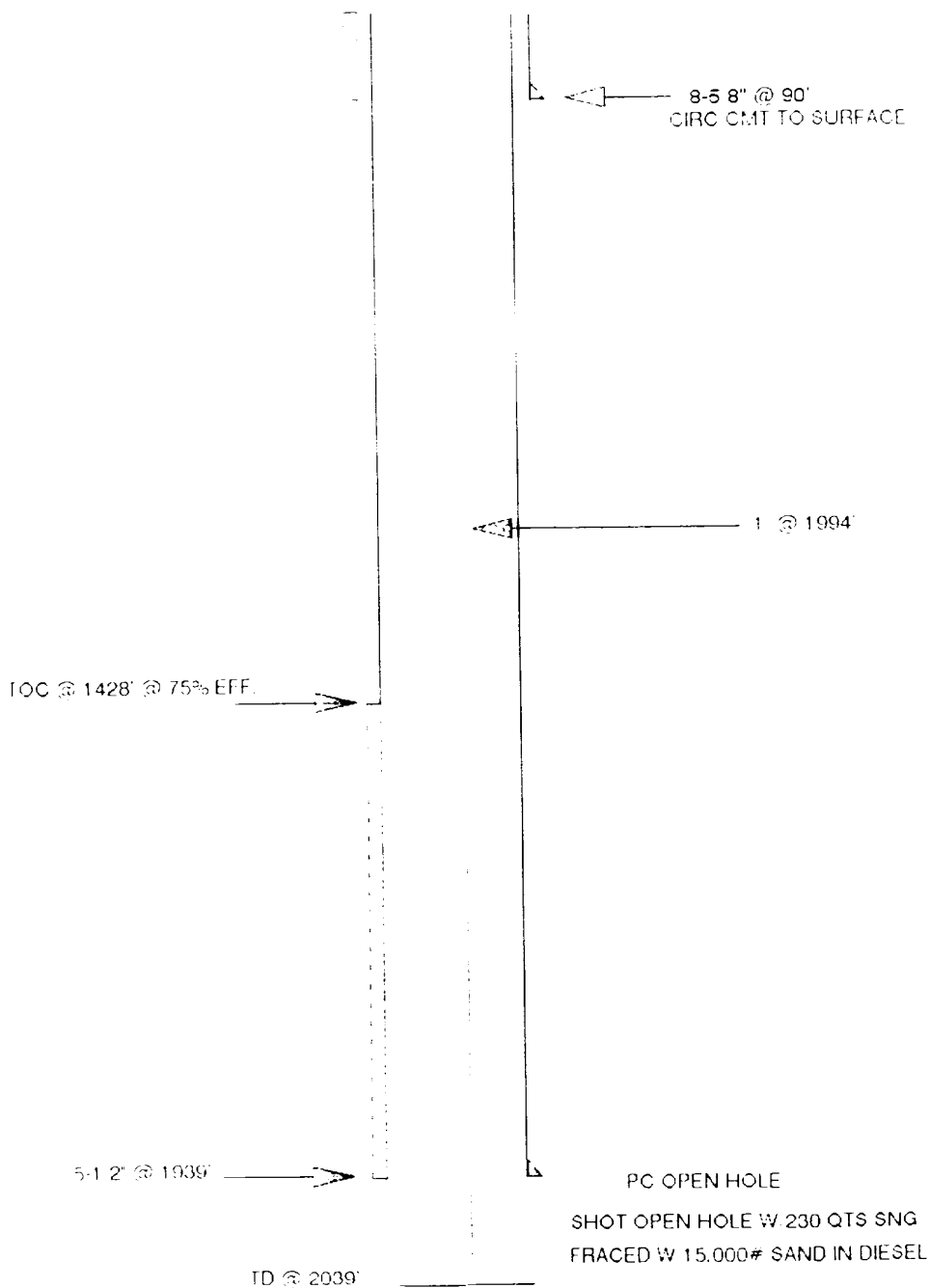
Logging:	Blue Jet	325-5584
Perfing	Basin	327-5244
Fracturing:	Howco	325-3575
RA Tagging:	Pro-Technics	326-7133
Csg Equip:	Howco	325-3575
Cmt	Howco	325-3575

PMP

C.M. MORRIS #6 PC

UNIT M SECTION 15 T27N R10W
SAN JUAN COUNTY NEW MEXICO

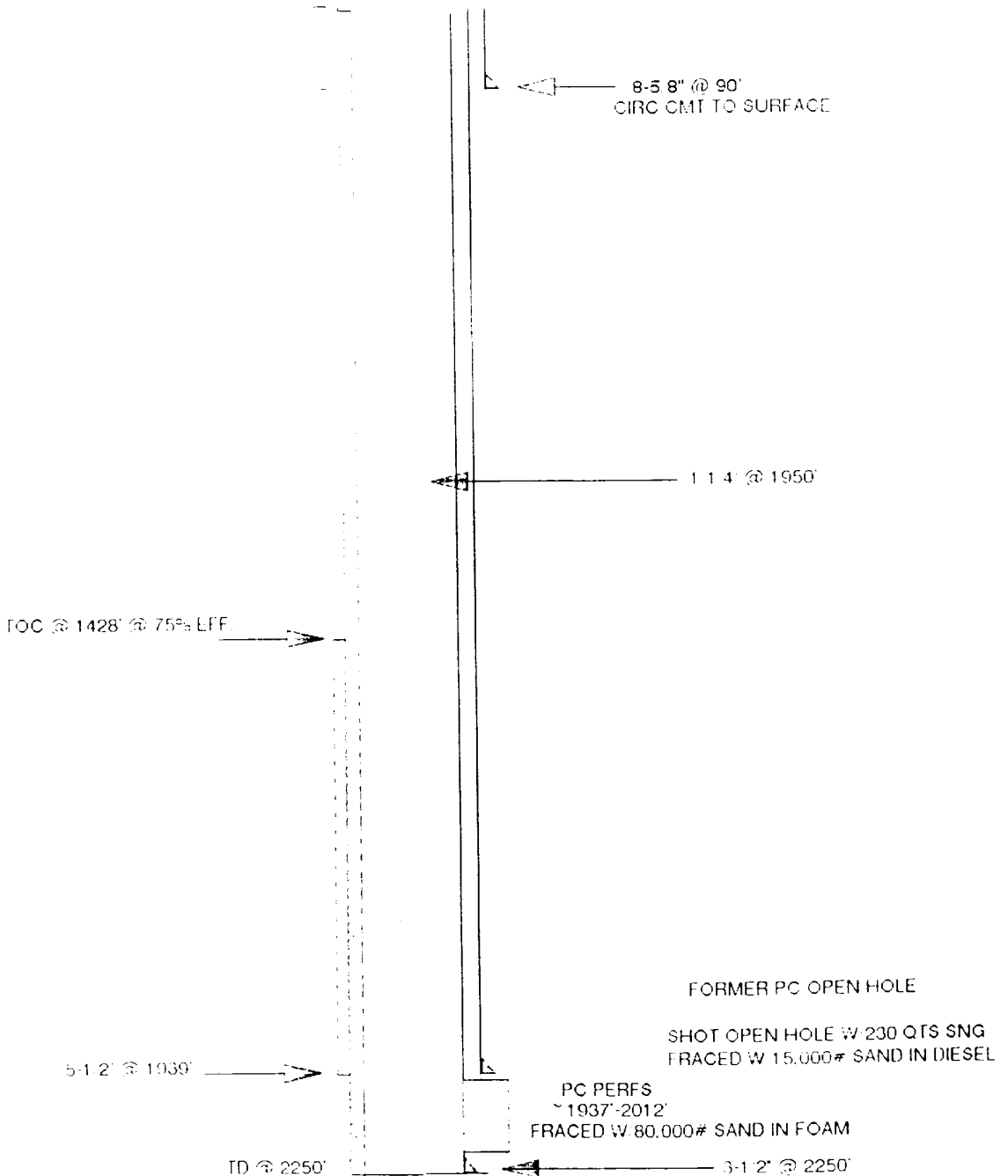
PRESENT



C.M. MORRIS #6 PC

UNIT M SECTION 15 T27N R10W
SAN JUAN COUNTY NEW MEXICO

PROPOSED



Pertinent Data Sheet - C.M. MORRIS #6 PC

Location: 1190' ESL & ~~890'~~^{760'} FWL Unit M, Section 15, T27N, R10W, San Juan County, New Mexico

Field: Frutcher-Kutz PC

Elevation: 6122' GL
2' CH

TD: 2039'
PBTD: 2039'

Completed: 4-12-52 Spud Date: 3-23-52

DP #: 28916A
Lease: Fed: SF 077329473
GWl: 100%
NRI: 75.00%
Prop#: 071337700

Initial Potential: Initial Potential = 560 MCF/D, SICP=545 psi

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>
e12-1/4"	8-5/8"	38# J-55	90'	65 sx.	Circ Cmt
e7-7/8"	5-1/2"	17# J-55	1939'	100 sx.	1428' @ 75% Eff.

Tubing Record:

<u>Tbg. Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>
1"	1.7#	1994'

Formation Tops:

Ojo Alamo:	1070'
Kirtland Shale:	1100'
Fruitland:	1648'
Pictured Cliffs:	1934'

Logging Record: GRN ('52)

Stimulation: Shot open hole w/230 qts SNG.

Workover History: 5/13/55: Fraced PC w/15,000# sand in diesel.

Production history: PC 1st delivered 1952. Current PC capacity is 0 MCF/D. PC cum is 727 MMCF..

Pipeline: EPNG