

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

55 AUG 16 PM 3:23

070 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
1450' FSL, 1850' FEL, Sec. 15, T-30-N, R-11-W, NMPM

5. Lease Number
SF-078138
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name

8. Well Name & Number
Morris A #5
9. API Well No.
30-045-09473
10. Field and Pool
Aztec Pictured Cliffs
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 checked="" 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 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 _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

AUG 18 1995
/s/ Ken Townsend
DISTRICT MANAGER

NMOCD

MORRIS A #5 PC
Workover Procedure
J 15 30 11
San Juan County, N.M.
Lat-Long: 36.809036 - 107.975220

1. Comply to all NMOCD, 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. 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 2480'. Load hole w/1% KCL water. TOH.
3. MI Blue Jet. Run an advanced integrated data processing GSL neutron log 2480'-1800'. Correlate log to open hole log.
4. Run 3-1/2"-OD 9.2# J-55 NUE tbg to TD 2480' 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 & coorelate 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 folowing 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	(748)	(225)	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# GVVW-3 (Enzyme Breaker mix on fly)

MORRIS A #5 PC - CEMENT 3-1/2" CSG. PERF PC. & FRAC

- * 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)

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" IJ tbg & C.O. to 2475'. Monitor gas & water returns & take pitot gauges when possible.
11. When wellbore is sufficiently clean. TOH & run after frac gamma-ray log from 2475'-1700'.
12. TIH w/1-1/4" IJ tbg w/standard seating nipple one joint off bottom & again cleanout to 2475'. Use expendable check if necessary. When wellbore is sufficiently clean, land tbg @ 2350' KB. Take final water & gas samples & rates.
13. ND BOP & NU wellhead & tree. Rig down & release rig.

AKW/

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

Pertinent Data Sheet - MORRIS A #5 PC

Location: 1450' FSL & 1850' FEL, Unit J, Section 15, T30N, R11W, San Juan County, New Mexico

Field: Aztec PC

Elevation: 5892' GL

TD: 2355'

PBTD: 2355'

Completed: 4/1/54

Spud Date: 5/5/54

DP #: 48929A

Lease: Fed: SF 078138

GWI: 100%

NRI: 78.125%

Prop#: 072020900

Initial Potential: Initial Potential = 2863 MCF/D, SICP=604 psi

Casing Record:

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Cement (Top)</u>
12-1/4"	9-5/8"	36# J-55	106'	125 sx.	Circ Cmt
8-3/4"	5-1/2"	15.5# J-55	2313'	150 sx.	1410' - Survey

Tubing Record:

<u>Tbg. Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	
1"	1.68#	2350'	112 jts

Formation Tops:

Ojo Alamo:	1664'
Kirtland Shale:	1733'
Fruitland:	1998'
Pictured Cliffs:	2303'

Logging Record: GRN ('56)

Stimulation: Fraced open hole w/5,100# sand in diesel.

Workover History: NONE

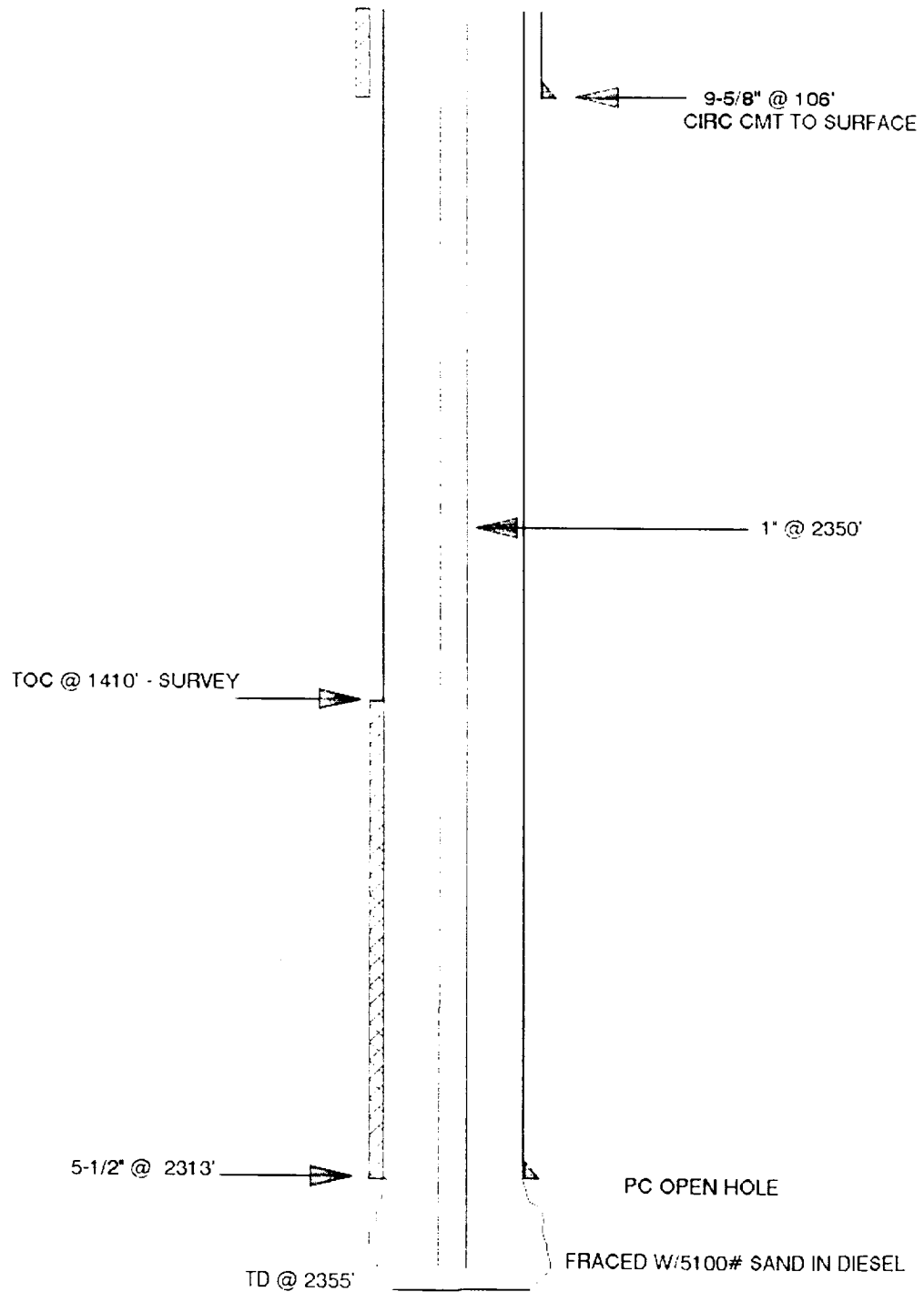
Production history: PC 1st delivered 1954. Current PC capacity is 0 MCF/D. PC cum is 716 MMCF..

Pipeline: EPNG

MORRIS A #5 PC

UNIT J SECTION 15 T30N R11W
SAN JUAN COUNTY, NEW MEXICO

PRESENT



MORRIS A #5 PC

UNIT J SECTION 15 T30N R11W
SAN JUAN COUNTY, NEW MEXICO

