

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JUN 1 1994

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
1650' FNL, 1650' FNL Sec. 10, T-27-N, R-10-W, NMPM
E

5. Lease Number
NM-84063 SF-077329

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
C. M. Morris #1

9. API Well No.
30-045-06698

10. Field and Pool
Basin Ft 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 checked="" 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 Injectio
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

It is intended to plug and abandon this well per the attached procedure and wellbore diagram.

RECEIVED
MAY 10 1994
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (LWD Title Regulatory Affairs Date 4/29/94)

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

MAY 08 1994

DISTRICT MANAGER

NMOCD

PLUG & ABANDON PROCEDURE

C.M. Morris # 1
Fruitland Coal
NE/4 Sec. 10, T27N, R10W
San Juan Co., New Mexico

1. Install and test location rig anchors. Prepare blow pit. MI atmospheric blow tank.
2. MOL and RU daylight pulling unit. Comply to all NMOCD, BLM, and MOI regulations. Conduct safety meeting for all personnel on location. NU relief line to atmospheric tank.
3. Blow down well and kill with water as necessary. ND wellhead and NU BOPs. Test operation of BOPs.
4. PU on tubing hanger, unseat packer, and TOH.
5. Run 5 1/2" gauge ring to 1975'. PU 5 1/2" cement retainer and TIH.
6. **Plug # 1 (Fruitland Coal):** Set cement retainer at 1946'. Establish rate and squeeze open hole with 45 sx class B cmt. Sting out of retainer and spot 20 sx cement on top of retainer. Spot drilling mud between Plug # 1 and Plug # 2. Pressure test 5 1/2" casing to 500 psi. TOH.
8. **Plug # 2 (Kirtland/Ojo Alamo):** Perforate 2 holes at 1346'. TIH with 5 1/2" cement retainer and set at 1296'. Establish rate into perforations with bradenhead valve open. Squeeze with 80 sx class B cement. Sting out of retainer and spot 25 sx cement on top of retainer. Spot drilling mud between Plug # 2 and Plug # 3.
10. **Plug # 3 (Surface Casing Shoe):** Perforate 2 holes at 170'. Establish circulation down 5 1/2" casing and out bradenhead valve. Pump cement and circulate out bradenhead (\cong 60 sx).
11. Cut off wellhead below surface casing flange and install dry hole marker to BLM specifications. Release rig and restore location.
 - * Cement volumes are calculated from 50' above to 50' below formation tops.
 - * Surface plug volume is calculated from 50' below casing shoe to surface.
 - * All cement volumes are calculated with 100% volume excess outside pipe and 50 foot plug length excess inside pipe.
 - * Plugs spotted on top of cement retainers will fill minimum of 50' inside pipe.
 - * Drilling mud will be mixed to 8.4 ppg weight and 40 viscosity.

Recommended: 
Operations Engineer

Approval: _____
Production Superintendent

lwd 4/26/94

PERTINENT DATA SHEET

4/27/94

WELLNAME: C. M. Morris #1	DP NUMBER: 4963B																																
WELL TYPE: Fruitland Coal (Plugged back from Pictured Cliffs)	ELEVATION: GL: 6249' KB: 6259'																																
LOCATION: 1650' FNL 1650' FEL Sec. 10, T27N, R10W San Juan County, New Mexico	INITIAL POTENTIAL: No AOF Found SICP: 8/90 160 (obtained from drilling report)																																
OWNERSHIP: GWI: 50.0000% NRI: 32.8125%	DRILLING: SPUD DATE: 10-26-49 COMPLETED: 11-09-49 PLUG BACK TO FTC: 08-30-90 TOTAL DEPTH: 2212' PBD: 2142'																																
CASING RECORD: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">HOLE SIZE</th> <th style="text-align: left;">SIZE</th> <th style="text-align: left;">WEIGHT</th> <th style="text-align: left;">GRADE</th> <th style="text-align: left;">DEPTH</th> <th style="text-align: left;">EQUIP.</th> <th style="text-align: left;">CEMENT</th> <th style="text-align: left;">TOC</th> </tr> </thead> <tbody> <tr> <td>12 3/4 (?)</td> <td>9 5/8"</td> <td>36#</td> <td>OD</td> <td>120'</td> <td>-</td> <td>85 sx</td> <td>surface</td> </tr> <tr> <td>7 7/8"</td> <td>5 1/2"</td> <td>15.5#</td> <td>OD</td> <td>2147'</td> <td>CIBP @ 2147' CIBP @ 2142'</td> <td>100 sx</td> <td>1400'+-</td> </tr> <tr> <td>Tubing</td> <td>2 3/8"</td> <td>4.7#</td> <td>J55</td> <td>2130'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="font-size: small; margin-top: 5px;">Expendable check valve was run on bottom. 1 jt. tubing, seating nipple @ 2098'. 20 jts. tubing, Arlington packer set @ 1459', completed w/ 46 jts. tubing. (Total of 67 jts.)</p>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	12 3/4 (?)	9 5/8"	36#	OD	120'	-	85 sx	surface	7 7/8"	5 1/2"	15.5#	OD	2147'	CIBP @ 2147' CIBP @ 2142'	100 sx	1400'+-	Tubing	2 3/8"	4.7#	J55	2130'			
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LOGGING: GR - CCL - CNL - CBL																																	
PERFORATIONS FTC 1996' - 2141' (total of 84 shots)																																	
STIMULATION: 12/14 - PC - open hole shot with 160 quarts SNG 5/55 - FTC - 14,000# sand & 10,000 gal diesel																																	
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C. M. Morris #1

CURRENT

Fruitland Coal
DPNO 4963B

1650' FNL, 1650' FEL,
Section 10, T-27-N, R-10-W, San Juan County, NM

Spud: 10-26-49

Completed : 11-09-49

