

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

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, 1650' FWL, Sec.35, T-31-N, R-11-W, NMPM, San Juan County

API # (assigned by OCD)
30-045-10048
5. Lease Number
Fee
6. State Oil&Gas Lease #
7. Lease Name/Unit Name
Alston
8. Well No.
1
9. Pool Name or Wildcat
Aztec Pictured Cliffs
10. Elevation:

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 Injection	
	<input type="checkbox"/> Other -		

13. Describe Proposed or Completed Operations

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

RECEIVED
APR 30 1996

OIL & GAS DIV
REC'D

SIGNATURE *John Brannick* (VGW4) Regulatory Administrator April 29, 1996

(This space for State Use)

Approved by *Sherry Robinson* Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date APR 30 1996

* Changes noted on Procedure
Notify OCD in time to Witness.

PLUG & ABANDONMENT PROCEDURE

4-11-96

Alston #1
Blanco Mesaverde
SW Section 35, T-31-N, R-11-W
San Juan Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and MOI regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. POH and LD 1" tubing (112 jts, 2358'). Tally and PU 2" workstring. PU 5-1/2" casing scraper or wireline gauge ring and round trip to 2300'.
3. **Plug #1 (Mesaverde top, 3920' - 3820')**: RIH with open ended tubing to 3920'. Pump 40 bbls water down tubing. Mix 17 sacks Class B cement and spot a balanced plug over the Mesaverde top. POH with tubing.
4. **Plug #2 (Pictured Cliffs perforations, 2362' - 2250')**: PU 5-1/2" cement retainer and RIH; set at 2300'. Pressure test tubing to 1000# and casing to 500#. Establish rate into Pictured Cliffs perforations. Mix and pump 32 sxs Class B cement, squeeze 26 sxs cement under retainer and leave 6 sxs above. POH.
5. **Plug #3 (Fruitland top, 2000' - 1900')**: Perforate 3 HSC squeeze holes at 2000'. Establish rate into squeeze holes if casing tested. PU 5-1/2" cement retainer and RIH; set at 1950'. Establish rate into squeeze holes. Mix and pump 64 sxs Class B cement, squeeze 47 sxs outside casing and leave 17 sxs inside casing over Fruitland top. POH.
6. **Plug #4 (Ojo Alamo interval, 1032' - 867')**: Perforate 3 HSC squeeze holes at 1032'. Establish rate into squeeze holes if casing tested. PU 5-1/2" cement retainer and RIH; set at 982'. Establish rate into squeeze holes. Mix and pump 101 sxs Class B cement, squeeze 77 sxs outside casing and leave 24 sxs inside over Ojo Alamo top. POH and LD.
7. **Plug #5 (Surface)**: Perforate 2 squeeze holes at 207'. Establish circulation out bradenhead valve. Mix approximately 92 sxs Class B cement and pump down 5-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
8. BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

* Spot a 35' plug on CIBPW 4300'

Recommended: _____
Operations Engineer

Approval: _____
Production Superintendent

Alston #1

Proposed P & A

Aztec Pictured Cliffs

SW Section 35, T-31-N, R-11-W, San Juan County, NM

Today's Date: 4/11/96
Spud: 10/3/51
MV Completed: 11/21/51
PC Completed: 5/73

12-1/4" hole

Nacimiento @ Surface

Ojo Alamo @ 917'

Kirtland @ 982'

Fruitland @ 1950'

Pictured Cliffs @ 2343'

Mesaverde @ 3870'

Whipstock @ 4380'

MV perms plugged with
175 sxs cement (1973)

Mesaverde Perforations:
4620' - 4680'

TD 4774'

3-1/2" Liner from 4260' to 4774'
Cmt w/ 35 sxs

9" hole

TD 5028'

10-3/4" 40.5# Csg set @ 157'
100 sxs cement (Circulated to Surface)

Perforate @ 207'

Plug #5 207' - Surface
Cmt with 92 sxs Class B.

Cement Rt @ 982'

Plug #4 1032' - 867'
Cmt with 101 sxs Class B,
77 sxs outside and
24 sxs inside.

Perforate @ 1032'

Cement Rt @ 1950'

Plug #3 2000' - 1900'
Cmt with 64 sxs Class B,
47 sxs outside and
17 sxs inside.

Perforate @ 2000'

TOC 2300' (CBL)

Cement Rt @ 2300'

Plug #2 2362' - 2250'
Cmt with 32 sxs Class B,
26 sxs below CR and
6 sxs above CR.

Pictured Cliffs
Perforations: 2348' - 2362'

Sqz holes @ 2500'
Cmt with 150 sxs (1973)

Plug #1 3920' - 3820'
Cmt with 17 sxs Class B.

TOC 3461' (Calc, 75%)

CIBP @ 4300' (1973)

CR @ 4486' & squeeze MV
open hole with 350 sxs (1968)

Mesaverde Perforations:
4616' - 4694'

5-1/2" 15.5# casing set @ 4700'
Cmt w/ 250 sxs

Mesaverde Open Hole Interval:
4719' - 5028'

Alston #1

Current -- 4-25-96

DPNO 1926

Aztec Pictured Cliffs

SW Section 35, T-31-N, R-11-W, San Juan County, NM

Today's Date: 4/11/96
Spud: 10/3/51
MV Completed: 11/21/51
PC Completed: 5/73

12-1/4" hole

Nacimiento @ Surface

10-3/4" 40.5# Csg set @ 157'
100 sxs cement (Circulated to Surface)

Workover History

May '68: Pull 2" tbg; CR at 4486' and sqz MV with 350 sxs; whipstock at 4380'; run 3-1/2" liner and cmt; perf and frac MV; run 1-1/2" tbg.

May '73: Pull 1-1/2" tbg; P&A MV with 175 sxs; CIBP at 4300'; perf sqz holes at 2500' and sqz w/150 sxs; drill out and run CBL; perf and frac PC; ran 1" tbg.

Ojo Alamo @ 917'

Kirtland @ 982'

112 joints 1" tubing at 2358'

Fruitland @ 1950'

TOC 2300' (CBL)

Pictured Cliffs @ 2343'

Pictured Cliffs
Perforations: 2348' - 2362'

Sqz holes @ 2500'
Cmt with 150 sxs (1973)

Mesaverde @ 3870'

TOC 3461' (Calc, 75%)

Whipstock @ 4380'

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CR @ 4486' & squeeze MV
open hole with 350 sxs (1968)

Mesaverde Perforations:
4620' - 4680'

Mesaverde Perforations:
4616' - 4694'

9" hole

TD 4774'

3-1/2" Liner from 4260' to 4774'
Cmt w/ 35 sxs

TD 5028'

Mesaverde Open Hole Interval:
4719' - 5028'

