

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
1450'FSL, 990'FWL, Sec.11, T-30-N, R-8-W, NMPM, San Juan County

API # (assigned by OCD)
30-045-09625
5. Lease Number
Fee
6. State Oil&Gas Lease #
7. Lease Name/Unit Name
Munoz
8. Well No.
1
9. Pool Name or Wildcat
Blanco Mesaverde
10. Elevation: 5712 GR

Type of Submission

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action

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

13. Describe Proposed or Completed Operations

REVISED

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

RECEIVED
FEB 21 1995
OIL CON. DIV.
DIST. 3

SIGNATURE

[Signature]

(LWD6) Regulatory Affairs February 16, 1995

(This space for State Use)

Approved by

[Signature]

DEPUTY OIL & GAS INSPECTOR, DIST. #3

FEB 21 1995

* Notify in time to witness

PERTINENT DATA SHEET

2/1/95

WELLNAME: Munoz #1	DP NUMBER: 48541A																																								
WELL TYPE: Blanco Mesaverde	ELEVATION: GL: 5712' KB: 5722'																																								
LOCATION: 1450' FSL. 990' FWL Sec. 11, T30N, R8W San Juan County, NM	INITIAL POTENTIAL: AOF 7.760 Mcf/d SICP: 899 psig																																								
OWNERSHIP: GWI: 66.0156% NRI: 59.4766%	DRILLING: SPUD DATE: 01-02-53 COMPLETED: 03-03-53 TOTAL DEPTH: 5061' PBTD: 4965'																																								
CASING RECORD: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <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>25.4#</td> <td>SW</td> <td>291'</td> <td>-</td> <td>300 sx</td> <td>Surface</td> </tr> <tr> <td>8 3/4"</td> <td>7"</td> <td>20#</td> <td>J55</td> <td>4230'</td> <td></td> <td>300 sx</td> <td>TS 2795'</td> </tr> <tr> <td>6"</td> <td>4 1/2"</td> <td>10.5#</td> <td>J55</td> <td>5000'</td> <td></td> <td>115 sx</td> <td>TS 4100'</td> </tr> <tr> <td>Tubing</td> <td>2 3/8"</td> <td>4.7#</td> <td>J55 EU</td> <td>4876'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	12 3/4"	9 5/8"	25.4#	SW	291'	-	300 sx	Surface	8 3/4"	7"	20#	J55	4230'		300 sx	TS 2795'	6"	4 1/2"	10.5#	J55	5000'		115 sx	TS 4100'	Tubing	2 3/8"	4.7#	J55 EU	4876'			
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PERFORATIONS PL - 4886' - 92'; 4904' - 10' w/3 spf CH - 4816' - 22'; 4462' - 68'; 4438' - 44'; 4374' - 80' w/3 spf																																									
STIMULATION: March, 1953: Openhole with 1795 qts. SNG April, 1962: 4 1/2" casing w/60,000# 20/40 sand & 45,000# 40/60 sand and 108,276 gal. water																																									
WORKOVER HISTORY: During Drilling: Set surface casing @ 128'. Surface cement broke down and made water, then gave way. Pulled 3 jts. of surface casing and reamed hole 12 3/4" to 291'. Ran 9 5/8", 25.4#, Sw casing and landed @ 391' Cement held. Apr-62 Pulled original 2 3/8" tubing. Ran 160 jts. 4 1/2", 10.5#, J55 casing and set @ 5000'. Cemented w/ 115 sx cement. Squeezed down 9 5/8" & 7" casing with 300 sxs cement. Displace w/10 Bbl water. Ran 115 jts. 2 3/8", 4.7#, J55 tubing and landed @ 4876'.																																									
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Munoz #1

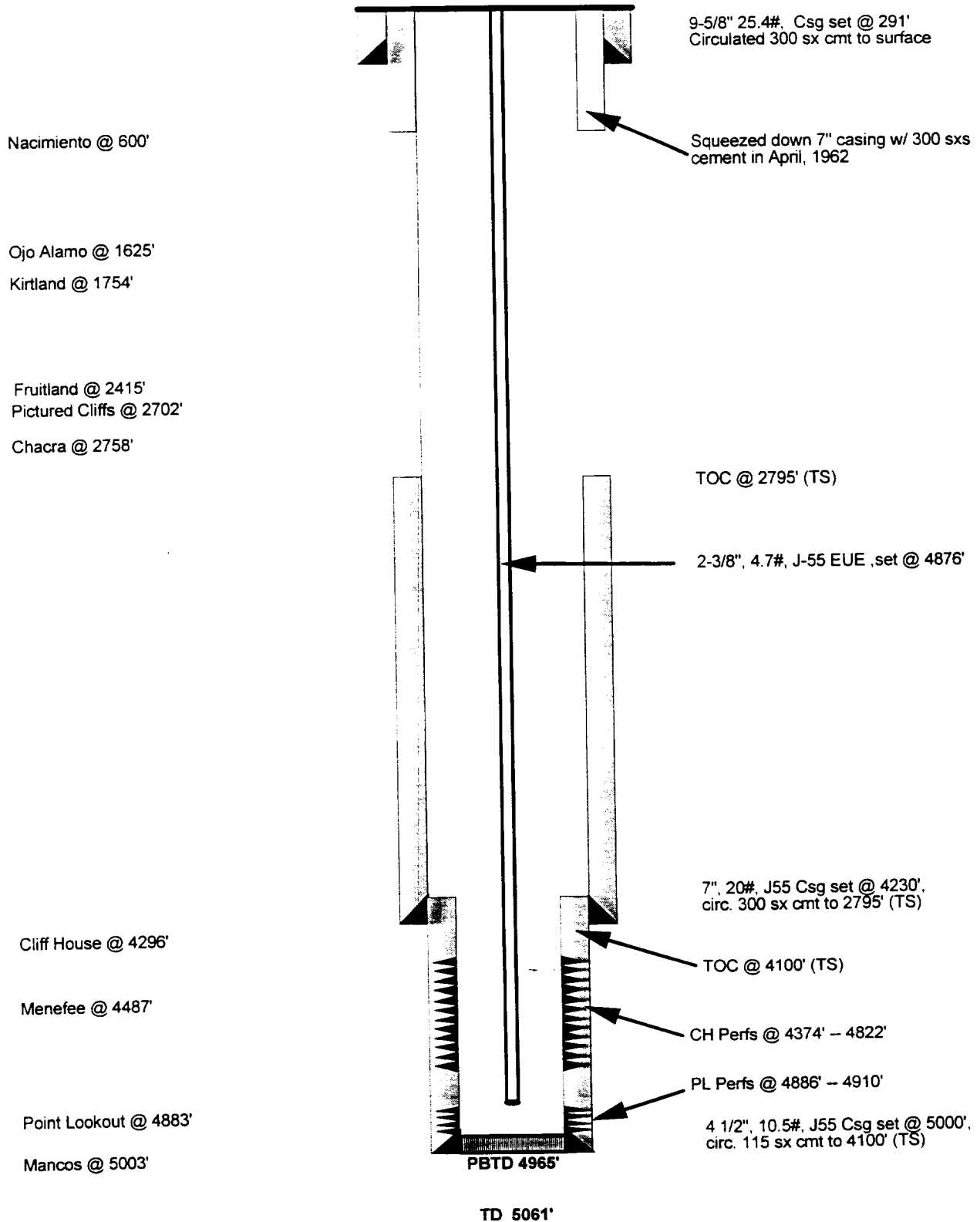
CURRENT -- 1-20-95

Mesaverde -- DPNO 48541A

1450' FSL, 990' FWL,
Section 11, T-30-N, R-8-W, San Juan County, NM

Spud: 1-2-53

Completed : 3-3-53



PLUG & ABANDON PROCEDURE

Modification of Plug #2

Munoz #1
Mesaverde DPNO 48541A
1450' FSL, 990' FWL
Sec. 11, T30N, R8W
San Juan County, New Mexico

1. Install and test location rig anchors. Prepare blow pit (for cement washout only).
2. MOL and RU daylight pulling unit. NU relief line to atmospheric blow tank. Comply to all NMOCD, BLM, and MOI regulations. Conduct safety meeting for all personnel on location.
3. Blow down well and load well with water. ND wellhead and NU BOPs. Test operation of BOPs.
4. Pick up on 2 3/8" production tubing and POOH. Run 4 1/2" gauge ring to 4965'. Replace joints of tubing that are in bad condition.
5. **Plug #1 (Mesaverde Perforations; 4325' to 4275')**: PU and RIH with 4 1/2" cement retainer; set @ 4325'. Pressure test tubing to 1000#. Sting out of CR and load well with water; pressure test casing to 500#. Mix and spot 10 sxs Class B cement from top of CR to 4275'. POOH.
6. **Cut Casing**: Perforate 4 1/2" casing @ 4000'. Establish circulation to surface out 7" intermediate valve; circulate annulus clean. ND BOP and tubing head. Weld slip on collar on 4 1/2" casing. RIH with casing shot and shoot off 4 1/2" casing at approximately 4000'. NU BOP and RU casing crew. POH and LD 4 1/2" casing.
7. **Plug #2 (4 1/2" Casing stub & casing shoe 3950' -- 4050')**: TIH open-ended to 4050' (50' inside 4 1/2" casing stub). Mix and pump 23 sxs Class B cement. Spot balanced plug. WOC and tag plug. POOH.
8. **Plug #3 (Fruitland & Pictured Cliffs tops; 2274' -- 2645')**: Perforate 4 holes at 2645'. POOH. PU 7" CR and TIH. Establish rate with water into perms. Set CR @ 2595'. Pressure test CR and casing to 500# psi. Sting into CR. Mix and pump 175 sxs Class B cement, squeeze 94 sxs cement outside casing and leave 81 sxs inside. POOH.
9. **Plug #4 (Ojo Alamo & Kirtland tops; 1430' -- 1620')**: Perforate 4 holes at 1620'. PU 7" CR and TIH. Establish rate with water into perms. Set CR @ 1570'. Pressure test CR and casing to 500# psi. Sting into CR. Mix and pump 99 sxs Class B cement, squeeze 51 sxs cement outside casing and leave 48 sxs inside. POOH.
10. **Plug #5 (Surface & Nacimiento tops; Surface -- 650')**: Spot approximately 108 sxs Class B Cement inside 7" casing from 560' back to surface.
11. Attempt to pump into bradenhead valve. If successful, establish rate and pump 30 sxs Class B cement (BOC @ 560').
12. Cut off wellhead below surface casing flange and install dry hole marker to BLM specifications. Release rig and restore location.

Page 2
P & A Procedure
Munoz #1

- * 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.
- * Stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

Recommended: _____
Operations Engineer

Approval: _____
Production Superintendent

LWD/CRF/crf
01/25/95

Munoz #1

P & A -- 1-20-95

Mesaverde -- DPNO 48541A

1450' FSL, 990' FWL,
Section 11, T-30-N, R-8-W, San Juan County, NM

Spud: 1-2-53

Completed : 3-3-53

Nacimiento @ 510'

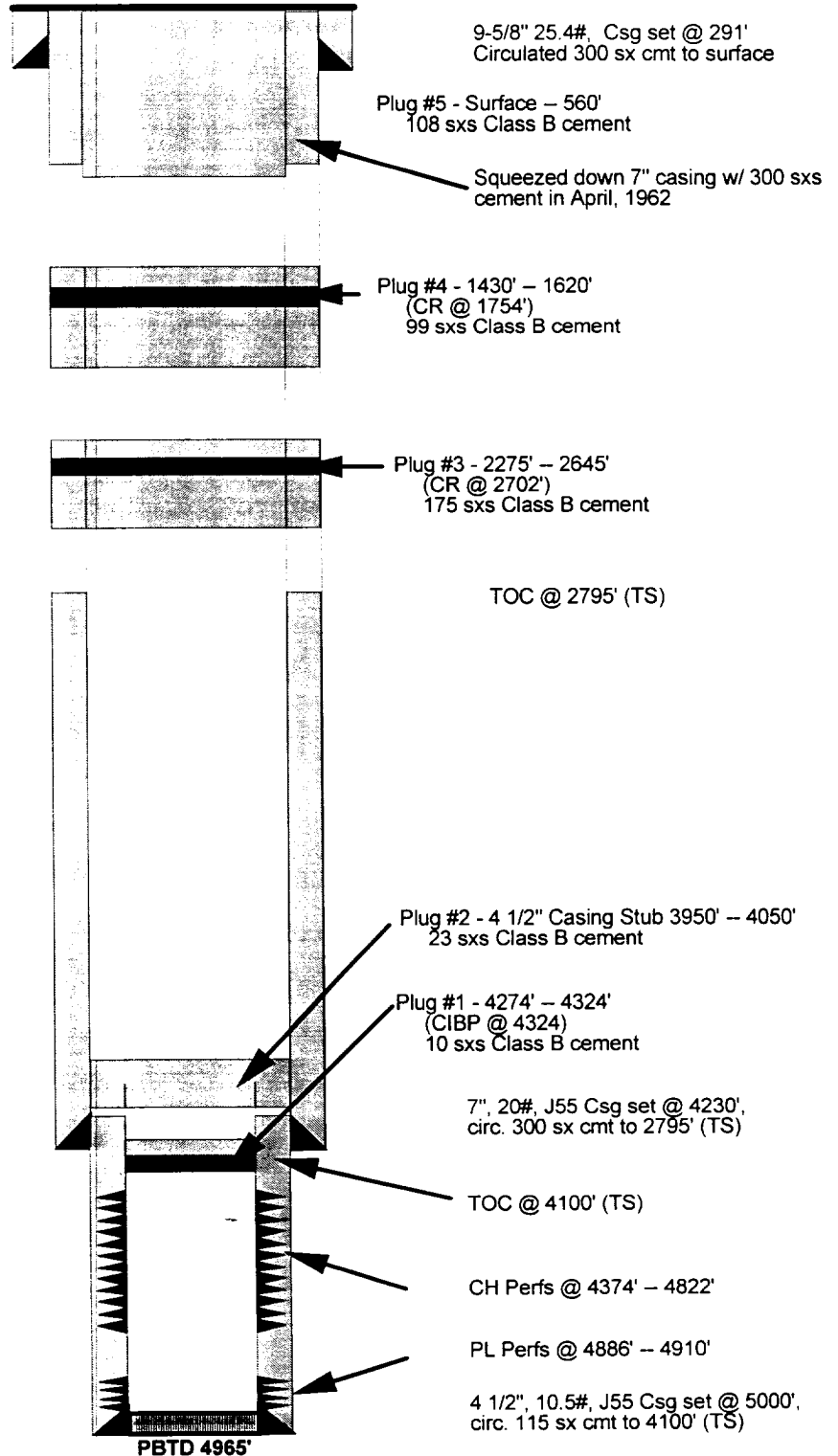
Ojo Alamo @ 1480'

Kirtland @ 1570'

Fruitland @ 2325'

Pictured Cliffs @ 2595'

Mesaverde @ 4425'



TD 5061'