

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  
1675'FNL, 1675'FEL, Sec.16, T-27-N, R-8-W, NMPM, San Juan County

API # (assigned by OCD)  
30-045-06521  
5. Lease Number  
E-6634  
6. State Oil&Gas Lease #  
E-6634  
7. Lease Name/Unit Name  
Schultz  
8. Well No.  
1  
9. Pool Name or Wildcat  
So Blanco Pictured Cliff  
10. Elevation:

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

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**  
FEB 16 1995  
**OIL CON. DIV.**  
DIST. 3

SIGNATURE *Regan Blandfield* (ROS1) Regulatory Affairs February 15, 1995

(This space for State Use)  
Approved by *Johnny Robinson* Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date FEB 16 1995

# PERTINENT DATA SHEET

<b>WELLNAME:</b> Schultz #1	<b>DP NUMBER:</b> 49238A <b>PROP. NUMBER:</b> 012631300																																																
<b>WELL TYPE:</b> S. Blanco Pictured Cliffs	<b>ELEVATION:</b> <b>GL:</b> 5985' <b>KB:</b> 5993'																																																
<b>LOCATION:</b> 1675' FNL    1675' FEL NE Sec. 16, T27N, R08W San Juan County, New Mexico	<b>INITIAL POTENTIAL:</b> AOF    N/A    MCF/D  <b>SICP:</b> April, 1992    307    PSIG																																																
<b>OWNERSHIP:</b> <b>GWI:</b> 100.000000% <b>NRI:</b> 47.500000%	<b>DRILLING:</b> <b>SPUD DATE:</b> 04-07-55 <b>COMPLETED:</b> 05-18-55 <b>TOTAL DEPTH:</b> 2180' <b>PBTD:</b> 2180' <b>COTD:</b> 2180'																																																
<b>CASING RECORD:</b> <table style="width: 100%; border-collapse: collapse;"> <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>11"</td> <td>8-5/8"</td> <td>24.0#</td> <td>J-55</td> <td>105'</td> <td>-</td> <td>100 sx</td> <td>surface</td> </tr> <tr> <td>7-7/8"</td> <td>5-1/2"</td> <td>14.0#</td> <td>J-55</td> <td>2108'</td> <td>-</td> <td>100 sx</td> <td>1597' (75%)</td> </tr> <tr> <td>4-3/4"</td> <td></td> <td></td> <td></td> <td>2108' - 2180' Open Hole</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Tubing</td> <td>1-1/2"</td> <td>2.90#</td> <td>V-55</td> <td>2126'</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="8">3 jts 1-1/2" tailpipe, Baker Loc-set Packer, 63 jts 1-1/2", 2.90# V-55, 10rd, tbg set @ 2126'</td> </tr> </tbody> </table>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	11"	8-5/8"	24.0#	J-55	105'	-	100 sx	surface	7-7/8"	5-1/2"	14.0#	J-55	2108'	-	100 sx	1597' (75%)	4-3/4"				2108' - 2180' Open Hole				Tubing	1-1/2"	2.90#	V-55	2126'				3 jts 1-1/2" tailpipe, Baker Loc-set Packer, 63 jts 1-1/2", 2.90# V-55, 10rd, tbg set @ 2126'							
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<b>PERFORATIONS</b> Open Hole																																																	
<b>STIMULATION:</b> Sand oil treated w/8,000 gal diesel oil and 11,000# sand. Flushed w/2,500 gal. Injection rate 30 BPM																																																	
<b>WORKOVER HISTORY:</b> 2/28/72-2/29/72 Removed 69 jts 1" tubing (hole at 1560' from surface). Ran 3 jts 1-1/2" 2.90# V-55 tubing as tailpipe. Set Baker loc-set packer & swages (packer @ 2025'), ran 63 jts of 1-1/2" 2.90# V-55 tubing. Tubing set @ 2126'.																																																	
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## PLUG & ABANDONMENT PROCEDURE

2- 12-95

Schultz #1  
So. Blanco Pictured Cliffs  
NE Section 16, T-27-N, R-8-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.
2. 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.
3. Release Baker Loc-set packer at 2025'; POH and tally 1-1/2" 2.9#, V-55, 10rd, tubing (66 joints above packer and 3 joints tailpipe); LD packer and visually inspect the tubing. If necessary, PU 2-3/8" workstring. PU 5-1/2" casing scraper or wireline gauge ring and round trip to 2058'.
4. **Plug #1 (Pictured Cliffs open hole and top, 2180' - 2008')**: PU and RIH with a 5-1/2" cement retainer and set at 2058'; pressure test tubing to 1000#. Establish rate into Pictured Cliffs open hole. Mix and pump 38 sx Class B cement, squeeze 26 sx cement below retainer into Pictured Cliffs open hole interval and spot 12 sx above the retainer to 2008' to cover Pictured Cliffs top. POH to 1825'. Load well with water and circulate clean. Pressure test casing to 500#.
5. **Plug #2 (Fruitland top, 1825' - 1725')**: Mix 18 sx Class B cement and spot a balanced plug inside casing from 1825' to 1725' over Fruitland top. POH with tubing.
6. **Plug #3 (Kirtland and Ojo Alamo tops, 1450' - 1275')**: Perforate 4 squeeze holes at 1450'. If casing pressure tested, establish rate into squeeze holes. PU 5-1/2" cement retainer and RIH; set at 1400'. Establish rate into squeeze holes. Mix and pump 78 sx Class B cement, squeeze 52 sx cement outside casing from 1450' to 1275' and leave 26 sx inside casing to cover Kirtland and Ojo Alamo tops to 1275'. POH and LD setting tool.
7. **Plug #4 (Surface)**: Perforate 2 squeeze holes at 155'. Establish circulation out bradenhead valve. Mix approximately 43 sx Class B cement and pump down 5-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
8. ND BOP and cut off wellhead below surface casing flange. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended: \_\_\_\_\_  
Operations Engineer

Approval: \_\_\_\_\_  
Production Superintendent

# Schultz #1

## CURRENT

S. Blanco Pictured Cliffs

NE Section 16, T-27-N, R-08-W, San Juan County, NM

Today's Date: 2/13/95

Spud: 4/7/55

Completed : 5/18/55

11" hole

8-5/8", 24.0#, J-55, Csg set @ 105',  
Cmt w/100 sx (Circulated to Surface)

Ojo Alamo @ 1325'

Kirtland @ 1400'

Top of cmt @ 1597' (calc @ 75% efficiency)

Fruitland @ 1775'

66 jts, 1-1/2", 2.90#, V-55, 10rd, tbg set @ 2126'

Baker loc-set Packer @ 2025'

Pictured Cliffs @ 2110'

7-7/8" hole

5-1/2", 14.0#, J-55, Csg set @ 2108',  
Cmt w/100 sx

4-3/4" hole

TD 2180'

# Schultz #1

## PROPOSED P & A

S. Blanco Pictured Cliffs

NE Section 16, T-27-N, R-08-W, San Juan County, NM

Today's Date: 2/13/95

Spud: 4/7/55

Completed : 5/18/55

