

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM MAIL ROOM

Sundry Notices and Reports on Wells
98 MAY 28 AM 12:27

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
1694' FNL, 1090' FEL, Sec. 7, T-30-N, R-10-W, NMPM
5. Lease Number
NM-03195A
6. If Indian, All. or Tribe Name
7. Unit Agreement Name
8. Well Name & Number
Sullivan #1
9. API Well No.
30-045-09709
10. Field and Pool
Blanco Mesaverde
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 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
JUN - 5 1996
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (VGW5) Title Regulatory Administrator Date 5/24/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED
MAY 29 1996
[Signature]

PLUG AND ABANDONMENT PROCEDURE

5-21-96

Sullivan #1

DPNO 48686A

Blanco Mesaverde

NE Sec. 7, T30N, R10W

San Juan County, 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 rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Meridian safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to flow back tank. Blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. Release Schlumberger Model "R" packer at 4350', if unable to pull, then jet cut tubing above the packer as deep as possible. POH and tally 2-3/8" tubing from 4476'; LD packer. Visually inspect tubing, if tubing has heavy scale or is in poor condition then LD and PU 2" work string. If unable to pull packer then round-trip a 7" gauge ring or casing scraper to above the tubing stub.
4. **Plug #1 (Mesaverde perforations and top, 4370' - 4270')**: Set 7" wireline bridge plug at 4370'. RIH with open ended tubing to 4370'. Load casing with water and circulate clean. Pressure test casing to 500#. Mix 29 sxs Class B cement and spot a balanced plug above the bridge plug to cover Mesaverde top. POH to 2840'.
5. **Plug #2 (Pictured Cliffs and Fruitland tops, 2840' - 2406')**: Mix 93 sxs Class B cement and spot balanced plug inside casing over Fruitland top. POH with tubing.
6. **Plug #3 (Kirtland and Ojo Alamo tops, 1515' - 1332')**: Perforate 3 HSC squeeze holes at 1515'. Establish rate into squeeze holes if casing tested. PU 7" cement retainer and RIH; set at 1450'. Mix 90 sxs Class B cement, squeeze 46 sxs cement outside 7" casing and leave 44 sxs cement inside casing over Ojo Alamo top. POH and LD tubing.
7. **Plug #4 (Surface)**: Perforate 3 squeeze holes at 224'. Establish circulation out bradenhead valve. Mix and pump approximately 80 sxs Class B cement down 7" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
8. ND BOP and cut off well head below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Recommended: _____
Operations Engineer

Approval: _____
Production Superintendent

Sullivan #1

Proposed P&A

Blanco Mesaverde

NE Section 7, T-30-N, R-10-W, San Juan County, NM

Latitude/Longitude: /

Today's Date: 5/21/96

Spud: 8/14/53

Completed: 9/2/53

Nacimiento @ Surf

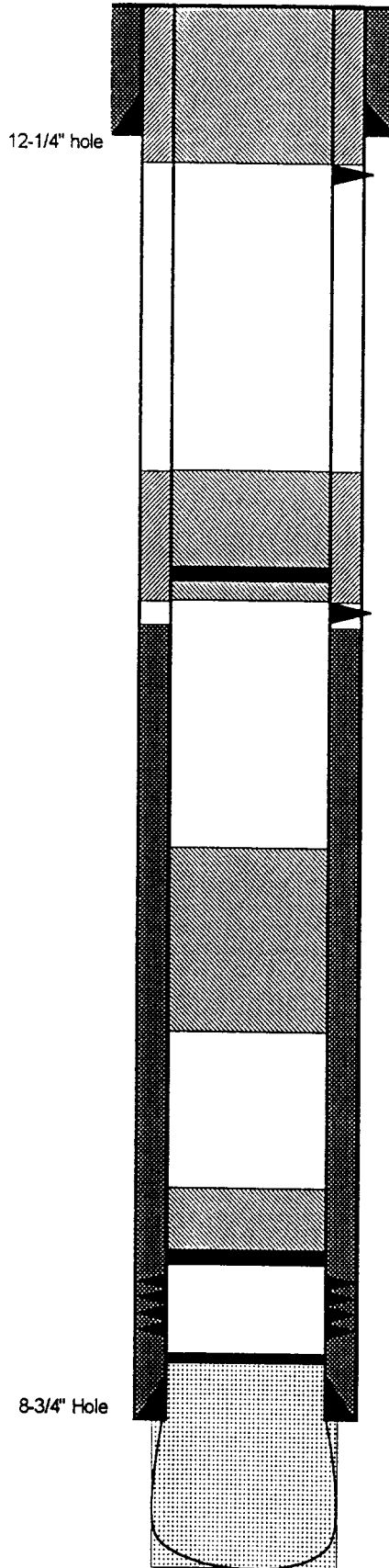
Ojo Alamo @ 1382'

Kirtland @ 1493'

Fruitland @ 2456'

Pictured Cliffs @ 2790'

Mesaverde @ 4340'



9-5/8" 25.4# Csg set @ 174'
cmt w/125 sxs (Circulated to Surface)

Perforate @ 224'

Plug #4 224' - Surface
Cmt with 80 sxs Class B.

Cement Rt @ 1450'

Perforate @ 1515'
TOC @ 1535' (T.S.)

Plug #3 1515' - 1332'
Cmt with 90 sxs Class B,
46 sxs outside casing and
42 sxs inside casing.

Plug #2 2840' - 2406'
Cmt with 93 sxs Class B.

Plug #1 4370' - 4270'
Cmt with 29 sxs Class B.

Bridge Plug @ 4370'

Mesaverde Perforations:
4401' - 4471'

Cement Retainer at 4530'; sqzd 200 sxs below (1962)

7" 23# & 20# set @ 4907'
Cement with 500 sxs

Open Hole Interval: 4952' - 5176'

TD 5176'

Sullivan #1

Current - 5-24-96

DPNO 48686A

Blanco Mesaverde

NE Section 7, T-30-N, R-10-W, San Juan County, NM

Today's Date: 5/21/96

Spud: 8/14/53

Completed: 9/2/53

Nacimiento @ Surf

12-1/4" hole

9-5/8" 25.4# Csg set @ 174'
cmt w/125 sxs (Circulated to Surface)

Workover History

Sep '53: Open hole shot with 896 qts SNG.

Jan '55: Open hole sand oil fraced.

Nov '62: Pull and fish tubing; CR at 4530',
sqzd open hole with 200 sxs; perfed and
fraced Cliff House; landed 2-3/8" tubing.

Jun '93: Change out tbg head; pull tubing;
set Schlumberger Model "R" packer at 4350'
with seating nipple above.

Ojo Alamo @ 1382'

Kirtland @ 1493'

TOC @ 1535' (T.S.)

Fruitland @ 2456'

Pictured Cliffs @ 2790'

153 joints 2-3/8" Tubing at 4476'
(150 above packer and 3 below)

Mesaverde @ 4340'

Schlumberger Model "R" Packer at 4350' (1993)

Mesaverde Perforations:
4401' - 4471'

Cement Retainer at 4530'; sqzd 200 sxs below (1962)

8-3/4" Hole

7" 23# & 20# set @ 4907'
Cement with 500 sxs

Open Hole Interval: 4952' - 5176'

TD 5176'