

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

- | | |
|---|--|
| <p>1. Type of Well
GAS</p> <hr/> <p>2. Name of Operator
MERIDIAN OIL</p> <hr/> <p>3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M
1650'FSL, 1700'FWL, Sec.15, T-31-N, R-9-W, NMPM</p> | <p>5. Lease Number
SF-078386</p> <p>6. If Indian, All. or Tribe Name</p> <p>7. Unit Agreement Name
San Juan 32-9 Unit</p> <p>8. Well Name & Number
San Juan 32-9 U #5</p> <p>9. API Well No.
30-045-10707</p> <p>10. Field and Pool
Blanco Mesaverde</p> <p>11. County and State
San Juan Co, NM</p> |
|---|--|

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"/> 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
DEC - 5 1994
OIL CON. DIV.
DIST. 3

RECEIVED
 DISTRICT MANAGER
 DISTRICT 3
 11/22/94

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

Signed *Sergio Mendez* (GO5) Title Regulatory Affairs Date 11/22/94

(This space for Federal or State Office use)
 APPROVED BY _____ Title _____ Date **APPROVED AS AMENDED**
 CONDITION OF APPROVAL, if any:

DEC 01 1994
DISTRICT MANAGER

NMDCD

PERTINENT DATA SHEET

11/16/94

WELLNAME: San Juan 32-9 Unit #5	DP NUMBER: 69841																																								
WELL TYPE: Blanco Mesa Verde	ELEVATION: GL: 6508' KB: 6518'																																								
LOCATION: 1650' FSL, 1700' FWL Sec. 15, T31N, R9W San Juan County, New Mexico	INITIAL POTENTIAL: AOF 6,832 Mcf/d SICP: 1060 psig																																								
OWNERSHIP: GWI: 42.9147% NRI: 33.4495%	DRILLING: SPUD DATE: 05-31-53 COMPLETED: 07-03-53 TOTAL DEPTH: 5924' PBTD: 5720'																																								
CASING RECORD:																																									
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>HOLE SIZE</u></th> <th style="text-align: left;"><u>SIZE</u></th> <th style="text-align: left;"><u>WEIGHT</u></th> <th style="text-align: left;"><u>GRADE</u></th> <th style="text-align: left;"><u>DEPTH</u></th> <th style="text-align: left;"><u>EQUIP.</u></th> <th style="text-align: left;"><u>CEMENT</u></th> <th style="text-align: left;"><u>TOC</u></th> </tr> </thead> <tbody> <tr> <td>13 1/4"</td> <td>9 5/8"</td> <td>25.4#</td> <td>SW</td> <td>172'</td> <td>-</td> <td>125 sx</td> <td>Surface</td> </tr> <tr> <td>8 3/4"</td> <td>7"</td> <td>23#</td> <td>J55</td> <td>5134'</td> <td></td> <td>300 sx</td> <td>TS 4115'</td> </tr> <tr> <td>6 1/8"</td> <td>4 1/2"</td> <td>10.5#</td> <td>J55</td> <td>5778'</td> <td></td> <td>200 sx</td> <td>TS 4110'</td> </tr> <tr> <td>Tubing</td> <td>2 3/8"</td> <td>4.7#</td> <td>J55</td> <td>5622'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		<u>HOLE SIZE</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>EQUIP.</u>	<u>CEMENT</u>	<u>TOC</u>	13 1/4"	9 5/8"	25.4#	SW	172'	-	125 sx	Surface	8 3/4"	7"	23#	J55	5134'		300 sx	TS 4115'	6 1/8"	4 1/2"	10.5#	J55	5778'		200 sx	TS 4110'	Tubing	2 3/8"	4.7#	J55	5622'			
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FORMATION TOPS:																																									
Ojo Alamo 2176' Kirtland 2284' Fruitland 2930' Pictured Cliff 3367' Lewis 3472' Cliff House 5180' Menefee 5265'	Point Lookout 5588' Mancos 5710' Gallup Graneros Dakota																																								
LOGGING: Lang Wells E.L., B & R Temp. Survey																																									
PERFORATIONS Open Hole -- 5184' -- 5924' Mesa Verde -- 5184'-90'; 5224'--30'; 5254'--60'; 5590'--96'; 5624'--30'; 5664'--70'; 5700'--06' (2 spf)																																									
STIMULATION: Open hole shot with 1,685 quarts SNG Mesa Verde fraced w/ 80,000 gal water & 70,000# sand																																									
WORKOVER HISTORY:																																									
Aug-62	Fished stuck tubing and CO. Set 4 1/2" casing and cemented. Perforated and fraced MV zone. Ran 2 3/8" tubing																																								
May-86	Casing leak @ 3657'. Set packer @ 5103' to isolate formation.																																								
Jun-86	Pull packer and repaired casing leak with 100 sx. cement from 3657' to 3024'. Ran 2 3/8 tubing and landed @ 5622'.																																								
PRODUCTION HISTORY:																																									
Cumulative as of 1994:	Gas 3.7 Bcf Oil 30.6 MBbl																																								
Current:	0 Mcfd 0 Bopd																																								
DATE OF LAST PRODUCTION: May, 1991																																									
Gas .4 MMcf/ Oil 12 Bbl/m																																									
PIPELINE: EPNG																																									

San Juan 32-9 Unit #5

CURRENT -- 11-17-94

Blanco Mesaverde

SW, Section 15, T-31-N, R-9-W, San Juan County,
NM

Today's Date: 11/11/94
Spud: 5/31/53
Completed: 7/3/53

Ojo Alamo @ 2176'

Kirtland @ 2284'

Fruitland @ 2930'

Pictured Cliffs @ 3367'

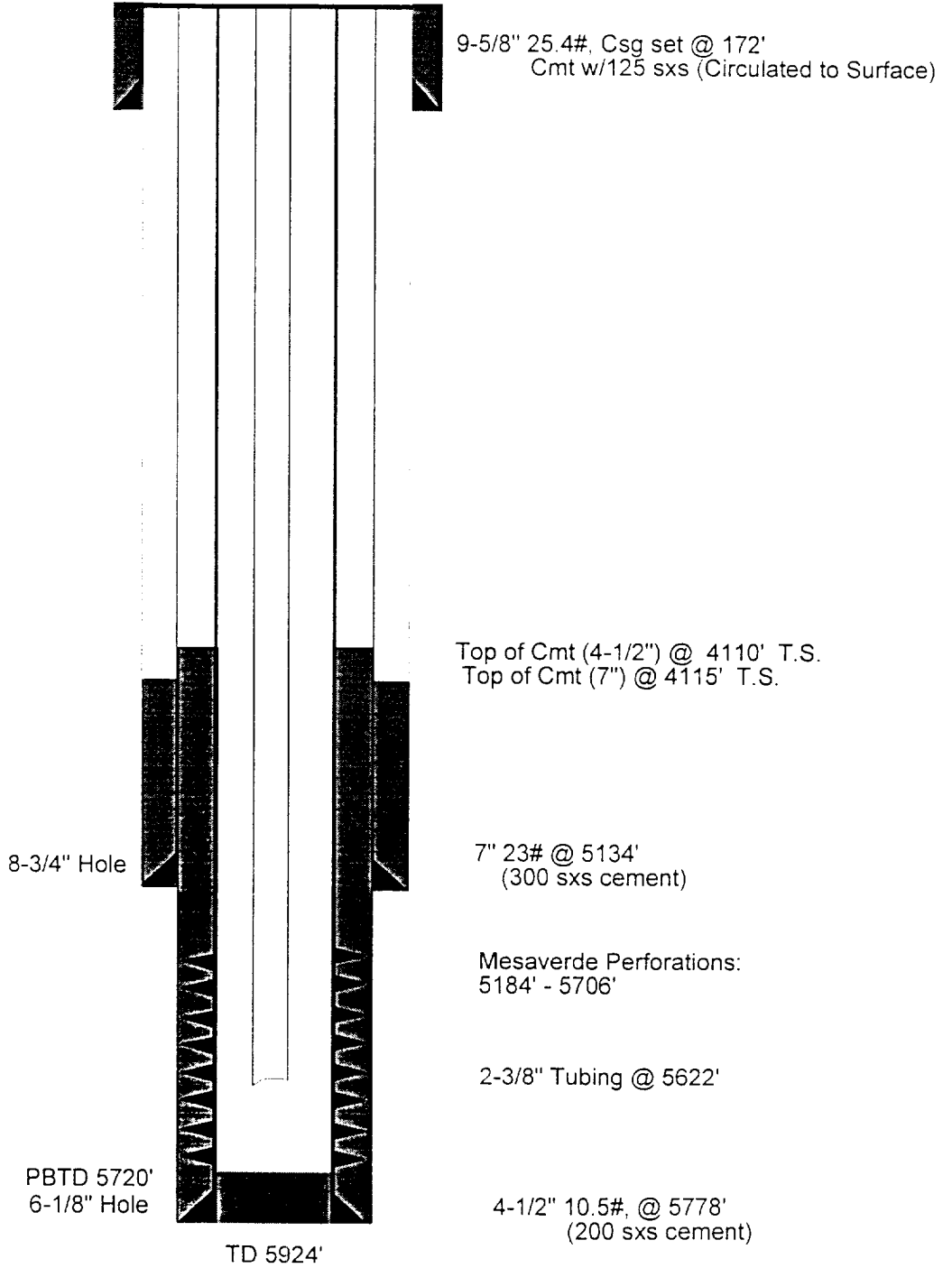
Pictured Cliffs @ 3472'

Cliff House @ 5180'

Menefee @ 5265'

Point Lookout @ 5588'

Mancos @ 5710'



PLUG & ABANDONMENT PROCEDURE

11-11-94

San Juan 32-9 Unit #5

Blanco Mesaverde
SW Section 15, T-31-N, R-09-W
San Juan Co., New Mexico

Note: All cement volumes use 100% excess outside 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. POH and tally 2-3/8" EUE tubing (179 jts @ 5622'), visually inspect. If necessary then LD and PU 2" workstring. RIH with 4-1/2" casing scraper or gauge ring to 5150'; POH.
4. **Plug #1 (Mesaverde perfs and 7" Casing shoe, 5705' - 5084'):** PU 4-1/2" cement retainer and RIH; set at 5150'. Pressure test tubing to 1000#. Establish rate into Mesaverde perfs. Mix and pump 73 sxs Class B cement, squeeze 66 sxs cement below cement retainer from 5706' to 5150' over Mesaverde perfs and leave 10 sxs on top of retainer to 5084'. Pressure test casing to 500#. POH with setting tool.
5. **Plug #2 (Pictured Cliffs and Fruitland tops, 3417' - 2880'):** Perforate 6 squeeze holes at 3417' through both 4-1/2" and 7" casings. If casing tested, establish rate into squeeze holes and attempt to establish circulation out intermediate casing valve and bradenhead. PU 4-1/2" cement retainer and RIH; set at 3370'. Mix and pump 238 sxs Class B cement, squeeze 137 sxs cement into 7" x 8-3/4" annulus and 55 sxs cement into 4-1/2" x 7" casing annulus and leave 46 sxs cement inside casing from 3417' to 2880'. POH. Pressure test casing to 500#.
6. **Plug #3 (Kirtland and Ojo Alamo tops, 2234' - 2126'):** Perforate 6 squeeze holes at 2334'. If casing tested, establish rate into squeeze holes and attempt to establish circulation out intermediate casing and bradenhead. PU 4-1/2" cement retainer and RIH; set at 2280'. Mix and pump 97 sxs Class B cement, squeeze 53 sxs cement into 7" x 8-3/4" annulus and 24 sxs cement into 4-1/2" x 7" casing annulus and leave 20 sxs cement inside casing from 2234' to 2126'. POH and LD tubing.
7. **Plug #4 (Surface):** Perforate 4 squeeze holes at 222'. Establish circulation out intermediate and bradenhead valves. Mix Class B cement and pump down 4-1/2" casing, circulate good cement out bradenhead valve, then shut valve; continue mixing until cement circulates out intermediate valve, approximately 80 sxs cement, then shut in well and WOC.
8. ND BOP and cut off all three casing strings below surface casing. Install P&A marker with cement to comply with regulations. RD, Move off location, cut off anchors, and restore location.

San Juan 32-9 Unit #5

PROPOSED P&A

Blanco Mesaverde

SW, Section 15, T-31-N, R-9-W, San Juan County,
NM

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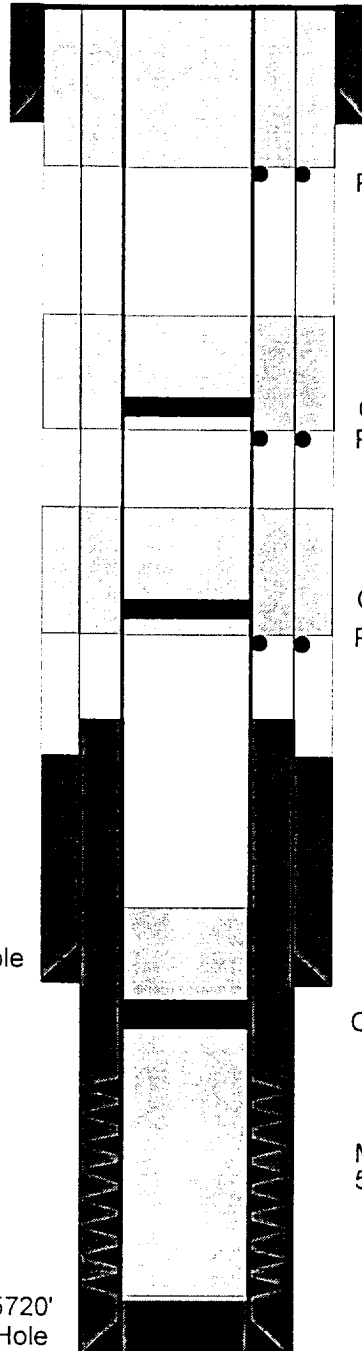
Cliff House @ 5180'

Menefee @ 5265'

Point Lookout @ 5588'

Point Lookout @ 5710'

PBTD 5720'
6-1/8" Hole



9-5/8" 25.4#, Csg set @ 172'
Cmt w/125 sxs (Circulated to Surface)

Plug #4 222' - Surface
80 sxs cement

Perf @ 222'

Plug #3 2234' - 2126'
20 sxs 4-1/2"
24 sxs 4-1/2" x 7"
53 sxs 7" x 8-3/4"

CR @ 2280'
Perf @ 2334'

Plug #2 3417' - 2880'
46 sxs 4-1/2"
55 sxs 4-1/2" x 7"
137 sxs 7" x 8-3/4"

CR @ 3370'
Perf @ 3417'

Top of Cmt (4-1/2") @ 4110' T.S.
Top of Cmt (7") @ 4115' T.S.

8-3/4" Hole

7" 23# @ 5139'
(300 sxs cement)

CR @ 5150' Plug #1 5705' - 5084'
(long plug, 50% excess)
66 sxs below
10 sxs above

Mesaverde Perforations:
5184' - 5706'

4-1/2" 10.5# @ 5778'
(200 sxs cement)

TD 5924'