

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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'FNL, 1650'FEL, Sec.15, T-31-N, R-9-W, NMPM

5. Lease Number
SF-078386

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

San Juan 32-9 Unit

8. Well Name & Number
San Juan 32-9 U #6

9. API Well No.
30-045-10796

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

☒ 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

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

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

Signed [Signature] (GO5) Title Regulatory Affairs Date 11/22/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

Date 11/22/94
**APPROVED
AS AMENDED**

[Signature] 1994
DISTRICT MANAGER

NMOCD

PERTINENT DATA SHEET

11/18/94

WELLNAME: San Juan 32-9 Unit #6	DP NUMBER: 69843																																								
WELL TYPE: Blanco Mesa Verde	ELEVATION: GL: 6570' KB: 6580'																																								
LOCATION: 990' FNL, 1650' FEL Sec. 15, T31N, R9W San Juan County, New Mexico	INITIAL POTENTIAL: AOF 3.547 Mcf/d SICP: 1094 psig																																								
OWNERSHIP: GWI: 42.9147% NRI: 33.4495%	DRILLING: SPUD DATE: 07-06-53 COMPLETED: 08-04-53 TOTAL DEPTH: 5805' PBD: 5801'																																								
CASING RECORD: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <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></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#, 20#</td> <td>J55</td> <td>5229'</td> <td></td> <td>500 sx</td> <td>TS 2880'</td> </tr> <tr> <td>6 1/8"</td> <td>4 1/2"</td> <td>10.5#</td> <td>J55</td> <td>5795'</td> <td></td> <td>125 sx</td> <td>TS 5313'</td> </tr> <tr> <td>Tubing</td> <td>2 3/8"</td> <td>4.7#</td> <td>J55</td> <td>5765'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC		9 5/8"	25.4#	SW	172'	-	125 sx	Surface	8 3/4"	7"	23#, 20#	J55	5229'		500 sx	TS 2880'	6 1/8"	4 1/2"	10.5#	J55	5795'		125 sx	TS 5313'	Tubing	2 3/8"	4.7#	J55	5765'			
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STIMULATION: Open hole shot with 1,007 quarts SNG Mesa Verde fraced w/ 79,958 gal water & 80,000# sand																																									
WORKOVER HISTORY: Aug-62 Well has 7" casing leak. Pulled stuck tubing and CO. Set 4 1/2" casing and cement job failed. Squeezed 150 sxs from 5423' to 4320' outside 4 1/2" casing. Set CR @ 5120', perforated squeeze holes @ 3455' and set CR @ 5170'. Found casing leak @ 1116', cut 4 1/2" casing @ 1385' and set a casing patch @ 1386'. Cemented squeeze holes @ 3455' with 560 sxs regular cement. Annulus however unloaded and was then shut in. TOC at 3397'. Cleaned out to 5770'. Perforated and fraced MV zone. Ran 2 3/8" tubing and landed @ 5765'.																																									
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San Juan 32-9 Unit #6

CURRENT -- 11-17-94

Blanco Mesaverde

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

Today's Date: 11/11/94

Spud: 7/6/53

Completed: 8/4/53

Ojo Alamo @ 2455'

Kirtland @ 2566'

Fruitland @ 2977'

Pictured Cliffs @ 3414'

Lewis @ 3474'

Cliff House @ 5270'

Menefee @ 5377'

Point Lookout @ 5674'

Mancos @ 5764'

8-3/4" Hole

PBTD 5768'

6-1/8" Hole

TD 5805'

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

Bowen Casing Patch @ 1386'

Top of Cmt (7") @ 2880' T.S.

Workover 8/62 -4-1/2" casing perfed @ 3455';
540 sxs reg. cement; TOC @ 3397' (T.S.)

Top of Cmt (4-1/2") @ 4320' T.S.

7" 23#, 20# @ 5229'
(500 sxs cement)

Mesaverde Perforations:
5324' - 5760'

2-3/8" Tubing @ 5753'

4-1/2" 10.5#, @ 5795"
(125 sxs cement)

PLUG & ABANDONMENT PROCEDURE

11-11-94

San Juan 32-9 Unit #6
Blanco Mesaverde
NE 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" tubing (196 jts @ 5765'), visually inspect. If necessary then LD and PU 2" workstring. RIH with 4-1/2" casing scraper or gauge ring to 5768'; POH.
4. **Plug #1 (Mesaverde perms and top, 5760' - 5270'):** PU 4-1/2" cement retainer and RIH; set at 5270'. Establish rate into Mesaverde perms. Mix and pump 74 sxs Class B cement, squeeze cement below cement retainer from 5760' to 5270' over Mesaverde perms. Sting out of retainer. Pressure test casing to 500#. POH to 5270'.
5. **Plug #2 (7" Casing shoe, 5270' - 5179'):** Mix 10 sxs Class B cement spot a balanced plug above retainer from 5270' to 5179' over 7" casing shoe POH to 3500'.
6. **Plug #3 (Pictured Cliffs top, 3500' - 3350'):** Mix 15 sxs Class B cement and spot a balanced plug inside 4-1/2" casing from 3500' to 3350'. POH with tubing. Pressure test casing to 500#.
7. **Plug #4 (Fruitland top, 3027' - 2927'):** Perforate 4 squeeze holes at 2927' through 4-1/2" casing. If casing tested, establish rate into squeeze holes and attempt to establish circulation out intermediate casing. PU 4-1/2" cement retainer and RIH; set at 2977'. Mix and pump 27 sxs Class B cement, squeeze 15 sxs cement into 4-1/2" x 7" casing annulus and leave 12 sxs cement inside casing from 3027' to 2927'. POH with tubing.
8. **Plug #5 (Kirtland and Ojo Alamo tops, 2616' - 2405'):** Perforate 6 squeeze holes at 2616' through both 4-1/2" and 7" casing. Establish rate into squeeze holes and attempt to establish circulation out intermediate casing and bradenhead valves. PU 4-1/2" cement retainer and RIH; set at 2566'. Mix and pump 99 sxs Class B cement, squeeze 54 sxs cement into 7" x 8-3/4" annulus and 25 sxs cement into 4-1/2" x 7" casing annulus and leave 20 sxs cement inside casing from 2616' to 2405'. POH with tubing.
9. **Plug #6 (Surface):** Perforate 6 squeeze holes at 222' through both 4-1/2" and 7" casing.. 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.
10. ND BOP and cut off all three casing strings below surface casing. Install P&A marker with cement to comply with regulations. RD, MOL, cut off anchors, and restore location.

San Juan 32-9 Unit #6

PROPOSED P&A

Blanco Mesa Verde

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

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PBTD 5768'

6-1/8" Hole

TD 5805'

8-3/4" Hole

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

Plug #6 222' - Surface
17 sxs in 4-1/2", 21 sxs 4-1/2" x 7"
and 33 sxs in 7" x 9-5/8"

Bowen Casing Patch @ 1386'

Plug #5 2616' - 2405'
20 sxs in 4-1/2",
25 sxs in 4-1/2" x 7" & 54 sxs outside
7"

Top of Cmt (7") @ 2880' T.S.

Plug #4 3027' - 2927'
12 sxs in 4-1/2",
15 sxs in 4-1/2" x 7"

Plug #3 3500' - 3350'
15 sxs inside 4-1/2"

Workover 8/62: 4-1/2" casing perfed @ 3455';
540 sxs reg. cement; TOC @ 3397' (T.S.)

Top of Cmt (4-1/2") @ 4320' T.S.

Plug #2 5270' - 5179'
10 sxs above CR

7" 23#, 20# @ 5229'
(500 sxs cement)

Plug #1 5760' - 5270'
74 sxs under CR

Mesaverde Perforations:
5324' - 5760'

4-1/2" 10.5# @ 5795'
(125 sxs cement)