

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

1824'FSL, 1778'FWL, Sec.33, T-26-N, R-6-W, NMMPM

5. Lease Number

SF-079265

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Klein #4

9. API Well No.
30-039-06230

10. Field and Pool
So Blanco Pic.Cliffs

11. County and State
Rio Arriba Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☒ Notice of Intent

☒ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☐ Other -

13. Describe Proposed or Completed Operations

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

RECEIVED
OCT 17 1994

ONE CON. DIV.
DIST. 3

070 FARMINGTON, NM

94 OCT 11 PM 3:18

RECEIVED
OCT 11 1994

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

Signed [Signature] (ROS3) Title Regulatory Affairs Date 8/23/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

OCT 11 1994

DISTRICT MANAGER

NM000

PERTINENT DATA SHEET

WELLNAME: Klein #4	DP NUMBER: 49879A PROP. NUMBER: 012586300																																
WELL TYPE: S. Blanco Pictured Cliffs Ext.	ELEVATION: GL: 6742' KB: 6752'																																
LOCATION: 1824' FSL 1778' FWL SW Sec. 33, T26N, R6W Rio Arriba County, New Mexico	INITIAL POTENTIAL: AOF 7,069 SICP: Sept., 1988 132 PSIG																																
OWNERSHIP: GWI: 100.0000% NRI: 68.2500%	DRILLING: SPUD DATE: 05-26-57 COMPLETED: 06-08-57 TOTAL DEPTH: 3015' PBDT: 2938' COTD: 2938'																																
CASING RECORD: <table style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <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>12-1/4"</td> <td>8-5/8"</td> <td>24.0#</td> <td>J-55</td> <td>151'</td> <td>-</td> <td>100 sx</td> <td>surface</td> </tr> <tr> <td>7-7/8"</td> <td>5-1/2"</td> <td>15.5#</td> <td>J-55</td> <td>3015'</td> <td>-</td> <td>150 sx</td> <td>2000'(TS)</td> </tr> <tr> <td>Tubing</td> <td>1-1/4"</td> <td>2.3#</td> <td>"B"</td> <td>2892'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="text-align: center; margin-top: 10px;">Ran 138 jts. 1-1/4", 2.3#, 8rd, Grade "B", tbg set @ 2892'</p>		<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>	12-1/4"	8-5/8"	24.0#	J-55	151'	-	100 sx	surface	7-7/8"	5-1/2"	15.5#	J-55	3015'	-	150 sx	2000'(TS)	Tubing	1-1/4"	2.3#	"B"	2892'			
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LOGGING: EL, ML, Temp. Survey																																	
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STIMULATION: Fraced w/41,000 gal. water and 40,000# sand. B.D.P. 1900#, max. tr. pr. 1950#, avg. tr. pr. 1600#. I.R. 55 BPM. Flush w/4,200 gal. Dropped 72 balls (3 set of 24).																																	
WORKOVER HISTORY: None																																	
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PLUG & ABANDONMENT PROCEDURE

Klein #4

S. Blanco Pictured Cliffs Ext.
SW Section 33, T-26-N, R-06-W
Rio Arriba 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. POH and tally 1-1/4" tubing (138 jts @ 2892'), visually inspect. If necessary then LD and PU 2" workstring. PU and RIH with 5-1/2" casing scraper to COTD @ 2938'; POH and LD.
4. **Plug #1 (Pictured Cliffs perfs and Fruitland top):** PU 5-1/2" cement retainer and RIH; set at 2800'. Establish rate into Pictured Cliffs perfs. Mix and pump 58 sx Class B cement , squeeze 28 sx cement below cement retainer from 2922' to 2800' over Pictured Cliffs perfs and leave 30 sx on top of retainer to 2590'. Pull above cement and circulate well clean. Pressure test casing to 500#. POH to 2437'.
5. **Plug #2 (Kirtland and Ojo Alamo tops):** Mix 43 sx Class B cement and spot balanced plug from 2437' to 2113'. POH and LD setting tool and tubing.
6. **Plug #3 (Surface):** Perforate 2 holes at 565'. Establish circulation out bradenhead valve. Mix approximately 150 sx Class B cement and pump down 5-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
7. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:


Operations Engineer

Approval:

Production Superintendent

Klein #4

CURRENT

S. Blanco Pictured Cliffs Ext.

SW Section 33, T-26-N, R-6-W, Rio Arriba County, NM

Today's Date: 9/23/94

Spud: 5/26/57

Completed: 6/8/57

12-1/4" hole

8-5/8", 24.0#, J-55, 8rd, Csg set @ 151'
Cmt w/100 sx (Circulated to Surface)

Nacimiento @ 515'

Top of Cmt @ 2000' (TS)

Ojo Alamo @ 2163'

Kirtland @ 2387'

Fruitland @ 2640'

Pictured Cliffs @ 2868'

138 jts. 1-1/4", 2.3#, 8rd, Grade "B",
tbg set @ 2892'

Lewis @ 2940'

Perforations: 2866' - 80', 2888' - 2902',
2910' - 22'

COTD 2938'

7-7/8" hole

TD 3015'

5-1/2", 15.5#, J-55, 8rd, Csg set @ 3015',
Cmt w/150 sx

Klein #4

PROPOSED

S. Blanco Pictured Cliffs Ext.

SW Section 33, T-26-N, R-6-W, Rio Arriba County, NM

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8-5/8", 24.0#, J-55, 8rd, Csg set @ 151'
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Plug #3: 565' - Surface
150 sx Class B Cement

Perf @ 565'

Top of Cmt @ 2000' (TS)

Plug #2: 2437' - 2113',
43 sx Class B Cement

Plug #1: 2922' - 2590',
58 sx Class B Cement

CR @ 2800'

Perforations: 2866' - 80', 2888' - 2902',
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5-1/2", 15.5#, J-55, 8rd, Csg set @ 3015',
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