

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  
985' FSL, 1460' FEL, Sec.33, T-26-N, R-6-W, NMPM

RECEIVED  
BLM MAIL ROOM  
55 SEP -6 PM 1:55  
070 FARMINGTON, NM

5. Lease Number  
SF-079265  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name  
8. Well Name & Number  
Klein #25  
9. API Well No.  
30-039-21061  
10. Field and Pool  
So. Blanco Pict. 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

<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  
SEP 2 1995  
OIL CONSERVATION  
DISTRICT

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

Signed [Signature] (ROS3) Title Regulatory Administrator Date 9/5/95

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

APPROVED

SEP 18 1995

DISTRICT MANAGER

NMOCD

## PLUG & ABANDONMENT PROCEDURE

### KLEIN #25

Blanco Pictured Cliffs

DPNO: 44371A

985' FSL, 1460' FEL

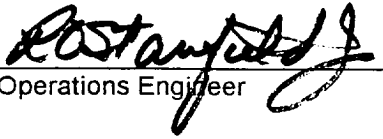
Unit O, Sec. 33, T26N, R06W - Rio Arriba Co., NM

Longitude/Latitude: 107.468231 - 36.439034

**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. This will be a rigless procedure. Prepare blow pit for cement washout only. Comply to all NMOC, BLM, and MOI safety procedures. Rig up cementing equipment.
2. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. Install cementing valve.
3. Open bradenhead valve. Establish a rate down casing with 30 bbls. water, record pump rate and pressure. Monitor bradenhead for flow. If bradenhead flows water, move in rig with workstring to plug well. If not, pump 2 frac balls in additional water and monitor pressure, rate and volumes pumped to confirm perforations taking water and no casing leak exists.
4. **Plug #1 (Pictured Cliffs perms, Fruitland, Kirtland, Ojo Alamo formations, 2926'-1000'):** Establish rate and pump 64 sx Class B cement (20% excess, long plug) down 2-7/8" casing and displace cement to 1000'. Shut in well and WOC. Rig up Mast truck and wireline unit. RIH and tag cement. Pressure test casing to 500#.
5. **Plug #2 (Nacimiento top, 610'-510'):** Perforate 2 holes @ 610'. Establish rate with water into perforations with bradenhead valve open. Mix and pump 54 sx Class B cement, squeeze 50 sx outside casing and leave 4 sx inside casing. Shut in well and WOC. Tag cement.
6. **Plug #3 (Surface - 180'):** Perforate 2 holes @ 180'. Establish circulation out bradenhead valve. Mix and pump approximately 52 sx Class B cement and pump down 2-7/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
7. ND BOP and cut off wellhead below surface casing flange. Note the cement level in the casing and annulus; fill as necessary. Install P&A marker to comply with regulations.
8. Rig down, cut off anchors, move off location, and restore location per BLM stipulations.

Recommended:

  
Operations Engineer

Approval:

\_\_\_\_\_  
Production Superintendent

# Klein # 25

Current

Blanco Pictured Cliffs

DPNO: 44371A

985' FSL, 1460' FEL

Unit O, Sec. 33, T26N, R06W, Rio Arriba Co., NM

Longitude/Latitude: 107.468231 - 36.439034

Spud: 7/27/75

Compl: 9/25/75

Elev. 6754' (GL)

12-1/4"

8-5/8", 24#, K55 csg. set @ 130',  
circ. 118 cf cmt. to surface.

Nacimiento @ 560'

TOC @ 1700' (TS)

Ojo Alamo @ 2200'

Kirtland @ 2400'

Fruitland @ 2604'

7-7/8"

Pictured Cliffs @ 2883'

Changed drill bits from  
7-7/8" to 6-3/4" @ 2830'

Perfs @ 2892', 2904', 2905', 2916', 2922',  
2926' - 6 Holes

Lewis @ 2937'

6-3/4"

2-7/8", 6.4#, J55 csg. set @ 2986'  
w/321 cf cmt.

PBTD @ 2976'

TD @ 2986'

# Klein # 25

## Proposed P&A

Blanco Pictured Cliffs

DPNO: 44371A

985' FSL, 1460' FEL

Unit O, Sec. 33, T26N, R06W, Rio Arriba Co., NM

Longitude/Latitude: 107.468231 - 36.439034

Spud: 7/27/75

Compl: 9/25/75

Elev. 6754' (GL)

Nacimiento @ 560'

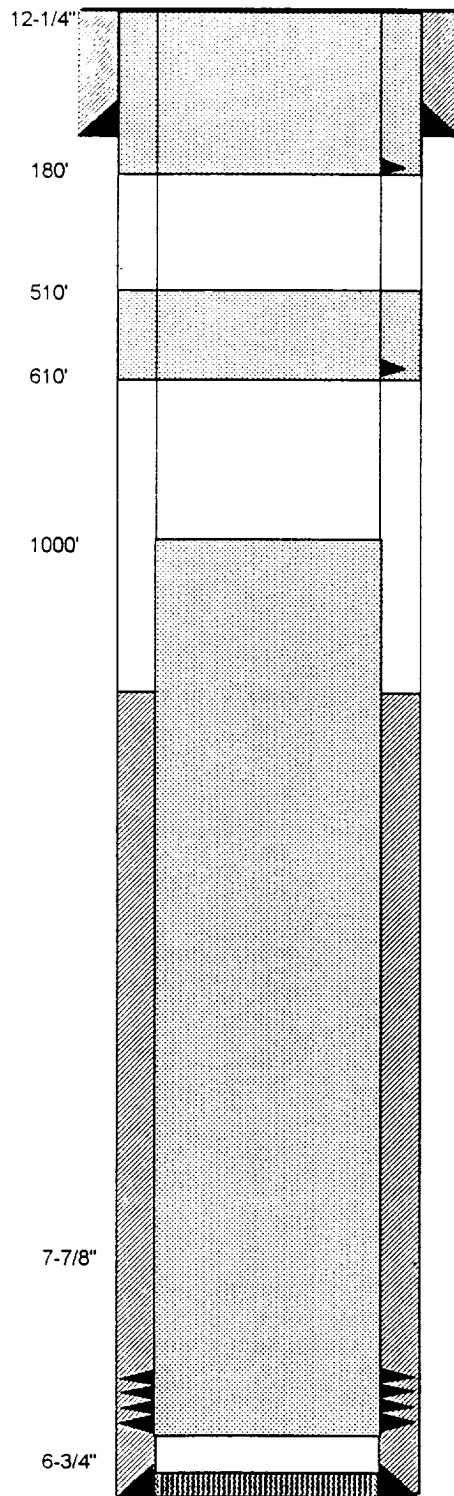
Ojo Alamo @ 2200'

Kirtland @ 2400'

Fruitland @ 2604'

Pictured Cliffs @ 2883'

Lewis @ 2937'



8-5/8", 24#, K55 csg. set @ 130',  
circ. 118 cf cmt. to surface.

Perf #3: 180' - Surface  
Cmt. w/52 sx Class B  
Perf 2 holes @ 180'

Plug #2: 610' - 510'  
Cmt. w/54 sx Class B  
Perf 2 holes @ 610'

TOC @ 1700' (TS)

Plug #1: 2926' - 1000'  
Cmt. w/64 sx Class B cmt.

Changed drill bits from  
7-7/8" to 6-3/4" @ 2830'

Perfs @ 2892', 2904', 2905', 2916', 2922',  
2926' - 6 Holes

2-7/8", 6.4#, J55 csg. set @ 2986'  
w/321 cf cmt.

PBTD @ 2976'

TD @ 2986'