UNITED STATES

DEPARTMENT OF THE INTERIOR

RECEIVED BLM

BUREAU OF LAND MANAGEMENT	BLM /	
Sundry Notices and Reports on Well	G-1 PM 3:18	
	5. ARMINGTON, NM	Lease Number SF-077315 If Indian, All. or Tribe Name
	7.	Unit Agreement Name
2. Name of Operator MERIDIAN OIL	8.	Well Name & Number
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	9.	Martin #5 API Well No. 30-045-07064
4. Location of Well, Footage, Sec., T, R, M 990'FNL, 990'FEL, Sec.31, T-28-N, R-10-W, NMPM		Field and Pool Fulcher Kutz Pict.Cliff: County and State
11		San Juan Co, NM
Subsequent Report Plugging Back Casing Repair Altering Casing Other -	Non-Routine Water Shut o Conversion t	ff
13. Describe Proposed or Completed Operations It is intended to plug and abandon the subject we procedure and wellbore diagram.		to the attached
		ICESVED U6 1 2 1996 D
	OH!	COM. DIV. DISI. 3
14. I hereby certify that the foregoing is true and		or Date 7/30/96
(This space for Federal or State Office use)	Date	<u></u>
APPROVED BYTitle CONDITION OF APPROVAL, if any:		PROVED
	₽ ~	- P & G V E U

AUC 08 1996

PLUG AND ABANDONMENT PROCEDURE

Martin #5

DPNO; 46250 Pictured Cliffs Unit A, Sec. 31, T28N, R10W, San Juan County, New Mexico

Long. / Lat.: 107.930710 - 36.623230

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. 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 NMOCD, 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. If casing leaks, then use pulling unit and 1-1/4" tubing to plug well.
- 4. Plug #1 (Pictured Cliffs perfs and Fruitland tops, 1810' 1393'): Establish rate and pump 30 sxs Class B cement (50% excess) down 2-7/8" casing, displace to 1100'. Shut in well and WOC. Rig up Mast truck and wireline unit. RIH and tag cement. Pressure test casing to 500#.
- 5. Plug #2 (Kirtland and Ojo Alamo tops, 860' 570'): Perforate 2-7/8" casings with 2 squeeze holes at 860'. Establish rate into squeeze holes if casing tested. Establish rate into squeeze holes. Mix 36 sxs Class B cement and pump down casing. Squeeze 26 sxs outside 2-7/8" casing and displace 10 sxs to 500' to cover the Ojo Alamo top, then RIH with wireline and tag cement.
- 6. Plug #3 (Surface, 115' Surface): Perforate 2-7/8" and 5-1/2" casings with 3 squeeze holes at 115'. Establish circulation out bradenhead valve. Mix and pump approximately 31 sxs Class B cement down 2-7/8" casing. Squeeze 19 sxs out 5-1/2" casing, circulate good cement out bradenhead valve. Shut bradenhead valve, open intermediate valve, squeeze 9 sx Class B cement down 2-7/8" casing, circulate good cement to surface. 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.

	Recommen	ded:		
		Operations Engine	Operations Engineer	
	Approval:			
	.,	Production Superi	Production Superintendent	
Contacts:	Operations Engineer	Gaye White	326-9875	

Martin #5

Current 7/26/96

Pictured Cliffs

Long./Lat.: 107.930710 - 36.623230

Spud: 12/28/49 Completed: 1/5/50 Elevation: 5829' (KB)

(50 DPNO: 46250 19' (KB) 990' FNL, 990' FEL 19' (GL) Unit A, Sec 31, T28N, R10W, San Juan County, NM

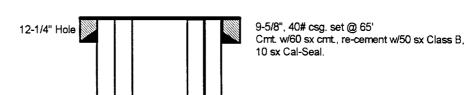
5819' (GL) Logs: GR-Ind, GI

GR-Ind, GR-Den, GR-CCL, TS

Workover: 4/21/65 - Pull 1" tbg.

Workover: 7/26/65 - Cleanout, run

2-7/8" csg to 1855'



Ojo Alamo @ 620'

Kirtland @ 810'

TOC @ 600' (TS)

TOC @ 1029' (Calc. 75% Effic.)

Fruitland Coal @ 1443'

6-3/4" Hole (?)

5-1/2", 13#/15# csg. set @ 1773'
Cmt. w/100 sxs Ideal Regular.
Originally completed as an open-hole well

Pictured Cliffs @ 1750'

7/65: Perfs @ 1782' - 1790', 1802' - 1810' Frac'd w25,000# 10/20 sd, 27,300 gl. wtr.

5-1/2" Hole

7/65: 2-7/8", 6.5#, J55 csg. set @ 1855' Cmt. w/100 sx Class C w/Strata-crete

Martin #5

Proposed P&A

12/28/49

Completed: 1/5/50 Elevation: 5829' (KB)

Spud:

5819' (GL)

Logs: GR-Ind, GR-Den,

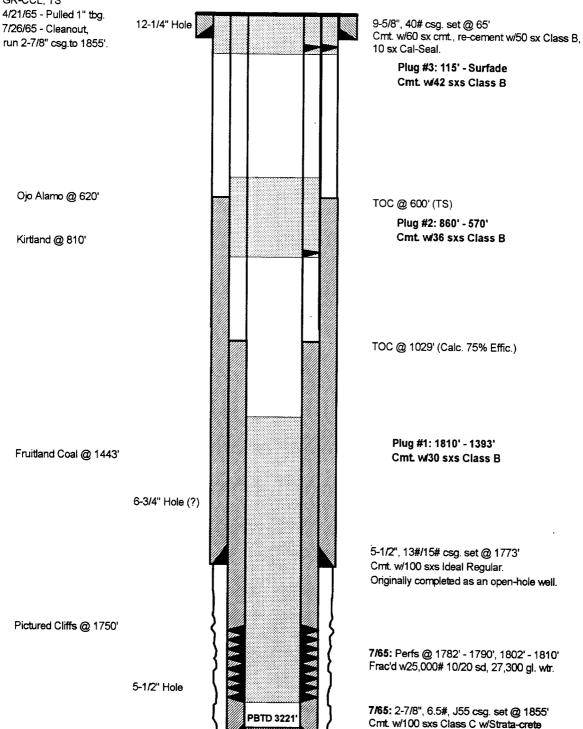
GR-CCL, TS

Workover: Workover:

Pictured Cliffs **DPNO: 46250** 990' FNL, 990' FEL

Unit A, Sec 31, T28N, R10W, San Juan County, NM

Long./Lat.: 107.930710 - 36.623230



TD 3260