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March 14, 1995

HAND DELIVERED

Mr. Michael E. Stogner
Chief Hearing Examiner
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87504

RECEIVED

MAR 14 1995

Oil Conservation Division

Re: NMOCD Case: 11207-208
East Corbin-Delaware Unit,
Waterflood Project and
Enhanced Oil Recovery Tax Rate
Lea County, New Mexico

Dear Mr. Stogner:

At the hearing held on February 16, 1995, you requested a copy of the log header for the Meridian Oil Inc's Federal MA Well No 6. This well is the "marker well" for describing the waterflood interval. I have enclosed a copy of the log header.

The following represents a written description using this marker well to describe the vertical limits for both the unitized and waterflood interval:

"Unitized Formation" (or in the alternative) "the approved waterflood interval" shall mean those stratigraphically equivalent intervals underlying the Unit Area, the vertical limits of which shall extend from an upper limit described as the top of the Delaware formation to a lower limit at the base of the Delaware formation: the geologic markers having been previously

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found to occur at 5190 feet and 5252 feet, respectively, in Meridian Oil Inc.'s Federal MA No. 6 well (located at 503 feet FNL and 1661 feet FEL of Section 21, T18S, R33E, Lea County, New Mexico) as recorded on the Halliburton Spectral Density Dual Spaced Neutron Log taken on December 25, 1989, said log measured from a kelly drive bushing elevation of 3,870 feet above sea level.

Very truly yours,

A handwritten signature in black ink, appearing to read 'W. Thomas Kellahin', written over the closing 'Very truly yours,'.

W. Thomas Kellahin

cc: BLM (Roswell)

Attn: Alexis Swoboda

cc: State Land Office

Attn: Pete Martinez

cc: Meridian Oil Inc (Midland)

Attn: Chet Babin



SPECTRAL DENSITY DUAL SPACED NEUTRON LOG

COMPANY WELL FIELD COUNTY ST	COMPANY MERIDIAN OIL INC.			
	WELL FEDERAL MA NO. 6			
	FIELD WEST CORBIN - DELAWARE			
	COUNTY LEA		STATE NM	
API NO.		OTHER SERVICES		
LOCATION 503 FNL X 1661 FEL				
SEC. 21		TWP 18-S RGE 33-E		
PERMANENT DATUM G.L.		ELEV. 3854		ELEV.: K.B. 3870
LOG MEASURED FROM K.B. 16 FT. ABOVE PERM. DATUM				D.F. 3869
DRILLING MEASURED FROM K.B.				G.L. 3854
DATE	12/25/89			
RUN NO.	ONE			
DEPTH-DRILLER	5500			
DEPTH-LOGGER	5503			
BTM. LOG INTER.	5460			
TOP LOG INTER.	SURFACE			
CASING-DRILLER	8.625#370			
CASING-LOGGER	378			
BIT SIZE	7.875			
TYPE FLUID IN HOLE	SALT MUD			
DENS. : VISC	10.2 : 31			
PH : FLUID LOSS	9 : 9.8			
SOURCE OF SAMPLE	PIT			
RM # MEAS. TEMP.	.10 #47			
RMF # MEAS. TEMP.	.10 #47			
RMC # MEAS. TEMP.	NA #NA			
SOURCE RMF : RMC	MEAS. : MEAS.			
RM # BHT	.04 #113			
TIME SINCE CIRC.	4 HOURS			
TIME ON BOTTOM	8:30 PM			
MAX. REC. TEMP.	113 #B.H.			
EQUIP. : LOCATION	3414 : HOBBS			
RECORDED BY	T. MCLELLAN			
WITNESSED BY	D. MAIORINO			

M.O.I.

Federal MA #6

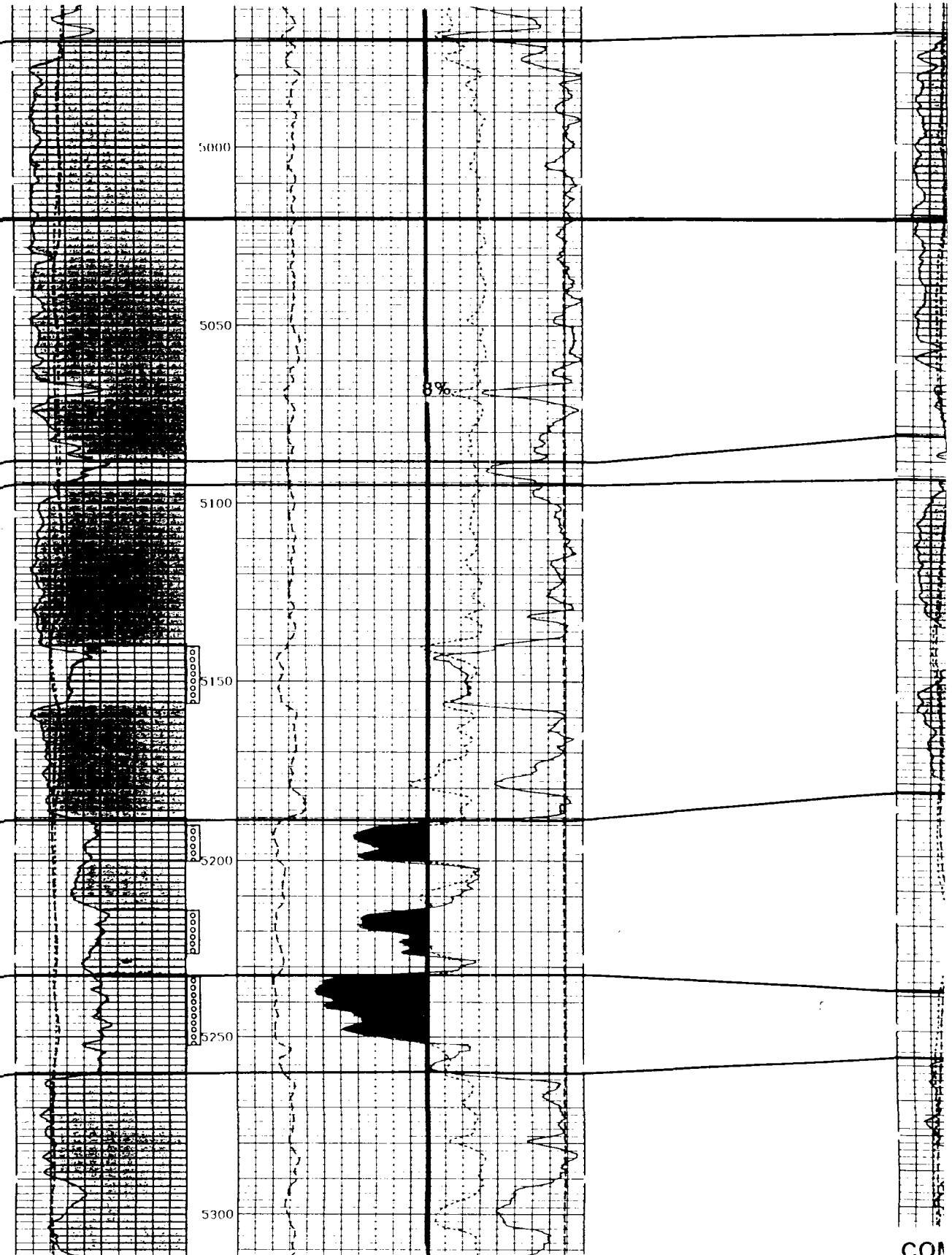
503' FNL & 1661 FEL,

Sec. 21, T-18-S, R-33-E

DENSITY NEUTRON

KB 3870

DENS



COMPLETED: JANUARY 12, 1990

PERF: 5140'-5156', 5190'-5200', 5214'-5226' &
5232'-5252' (DELAWARE)

ACID: 3000 GALS.

FRAC: 46,400 GALS, 66 TONS CO₂ & 142,440# SAND

IPF: 160 BOPD, 125 MCFGPD & 66 BWPD

COM
PERACII
FRA
IPP: