

Schlumberger		COMPENSATED NEUTRON FORMATION DENSITY	
COMPANY ATLANTIC RICHFIELD COMPANY			
WELL STATE B-R #1			
FIELD UNDESIGNATED			
COUNTY EDDY STATE NEW MEXICO			
1980' FSL & 1980' FML		Other Services: DLL & MLL	
API SERIAL NO	REC	TRIP	RANGE
16	21-S	26-E	
Permanent Datum: G.L. Elev.: 3283		Elev.: K.B. 3298	
Log Measured From: K.B. 15 Ft. Above Perm. Datum		D.F. 3297	
Drilling Measured From: K.B.		G.L. 3283	
Date	9-7-74		
Run No.	ONE		
Depth-Driller	11140		
Depth-Logger	11137		
Btm. Log Interval	11136		
Top Log Interval	5042		
Casing-Driller	858 @ 2490	@	@
Casing-Logger	NA		
Bit Size	7 7/8		
Type Fluid in Hole	SALT MUD		
Dens. Visc.	10.7 41		
pH Fluid Loss	7.5 8 ml	ml	ml
Source of Sample	PIT		
Rm. @ Meas. Temp.	.068 @ 65 F	@ F	@ F
Rml. @ Meas. Temp.	.058 @ 65 F	@ F	@ F
Rmc. @ Meas. Temp.	.05 F	@ F	@ F
Source: Rml Rmc	H		
Rm. @ Bit	.029 @ 165 F	@ F	@ F
Circulation Stopped	9-6 2200		
Logger on Bottom	9-7 0500		
Max. Rec. Temp.	155 F		
Equip. Location	7645 HOBBS		
Recorded By	JACKSON		
Witnessed By	BURNS		

GREEN SAND

PURPLE SAND

1.5 BCF
2.5 MBO

YELLOW SAND

PINK SAND

ORANGE SAND

BROWN SAND

MIDDLE MORROW SHALE

TOP/LOWER MORROW

BARNETT

NMOCD Case No. 11830

Exhibit No. 4

Submitted by: Mewbourne Oil Co.

October 9, 1997