

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATRUAL RESOURCES
DEPARTMENT
OIL CONSERVATION DIVISION**

CASE NO. 14338

EXHIBIT

4

Kerr-McGee
Rebar #5
New Re-entry

LIBERTON
LOG SERVICES, INC.

295.1

COMPANY / KERR-MCGEE CORPORATION

SPECTRAL DENSITY
DUAL SPACED
NEUTRON LOG

K-32-T115-R35E 2300FS 1650FW
KERR-MCGEE CORP
STATE 32 #1
30-025-31243

WELL STATE 32 NO. 1
FIELD HILLCIT

COUNTY LER
API NO. N/A
LOCAT ION
2300 FSL AND 1650 FHL

STATE NM
OTHER SERVICES
CSL

CO
WE
FI
CO

SEC 32
T1P 11-S
RGE 35-E
ELEV. 4160
LOG MEASURED FROM K.B. 17.5 FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM K.B.
DATE 7/3/91

PERM. DRILLER
DEPT. LOGGER
BIT. LOG INTER.
TOP LOG INTER.
CASING-DRILLER
CASING-LOGGER
BIT SIZE
TYPE FLUID IN HOLE
DENS. : VISC.
PH : FLUID LOSS
SOURCE OF SAMPLE
RM # MEAS. TEMP.
RMF # MEAS. TEMP.
RMC # MEAS. TEMP.
RM # BHT
TIME SINCE CIRC.
TIME ON BOTTOM
HRX. REC. TEMP.
EQUIP. LOCATION
RECORDED BY
WITNESSED BY

WILE
13392
13389
SURFACE
88.5250431
4000
7.875
SILT MUD
3.141
18
BMD PIT
18.87
10.881
BMA WVA
BMS IN/
135.0201
1.12 RM
212.88
2114 INH
314 INH
ES. EGFRIE
BM FAUCE

WILEX MINERALS & NATURAL
RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
P.O. BOX 1980
HOBBS, N.M. 88241-1980

ELEV. : K.B. 4177.5
D.F. 4176.5
C.L. 4160

Fold Here

Service Ticket No.: 63324				API Serial No.: N/A				PGM Version: 2.51			
Change in Mud Type or Additional Samples				RESISTIVITY SCALE CHANGES							
Date/Sample No.	/ /	/ /	/ /	Type Log	Depth	Scale Up Hole	Scale Down Hole				
Depth-Driller	N/A			N/A							
Type Fluid											
In Hole											
Dens. : Visc.											
PH. : Fluid Loss											
Source of Sample				RESISTIVITY EQUIPMENT DATA							
Rm # Meas. Temp.	e		e	Run No	Tool Type & No	Pad Type	Tool Pos.	Other			
Rmf # Meas. Temp.	e		e	N/A	DLL 113308	NA	CENT.	NA			
Rmc # Meas. Temp.	e		e		MSFL 113308						
Source: Rmf/Rmc											
Rm # BHT	.035	e202	e								
Rmf # BHT	.025	e202	e								
Rmc # BHT	N/A	eN/A	e								
EQUIPMENT DATA											
GAMMA			ACOUSTIC			DENSITY			NEUTRON		
Run No.	ONE		Run No.	N/A		Run No.	ONE		Run No.	ONE	
Serial No.	108614		Serial No.			Serial No.	112610		Serial No.	108762	
Model No.	432		Model No.			Model No.	465		Model No.	434	
Diameter	3.625"		No. of Cent.			Diameter	4.5		Diameter	3.625	
Detector Model No.	102T		Spacing			Log Type	G-G		Log Type	N-N	
Type	SCINT					Source Type	CES 137		Source Type	AMBE241	
Length	4"		LSA			Serial No.	030		Serial No.	027	
Distance To Source	10 FT		FWDA			Strength	1.5 CI		Strength	10.5 CI	
LOGGING DATA											
GENERAL			GAMMA		ACOUSTIC		DENSITY		NEUTRON		
Run	Depth	Speed	Scale		Scale		Scale		Scale		
No.	From	To	Ft/Min	L	R	L	R Matrix	L	R Matrix	L	R Matrix
ONE	13389	SURF	REC.	0	100	N/A		30	-10	2.71	30 -10 LIME

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case No. 14338 Exhibit No. 4
Submitted by:
YATES PETROLEUM CORPORATION
Hearing Date: July 9, 2009

BEST COPY
available

P.E.		
8	QUALITY	-2
Q SHORT		
-4.5		0.5
Q LONG		
4.5		-0.5
GAMMA		
0	API	100
CALIPER		
6	INCHES	16

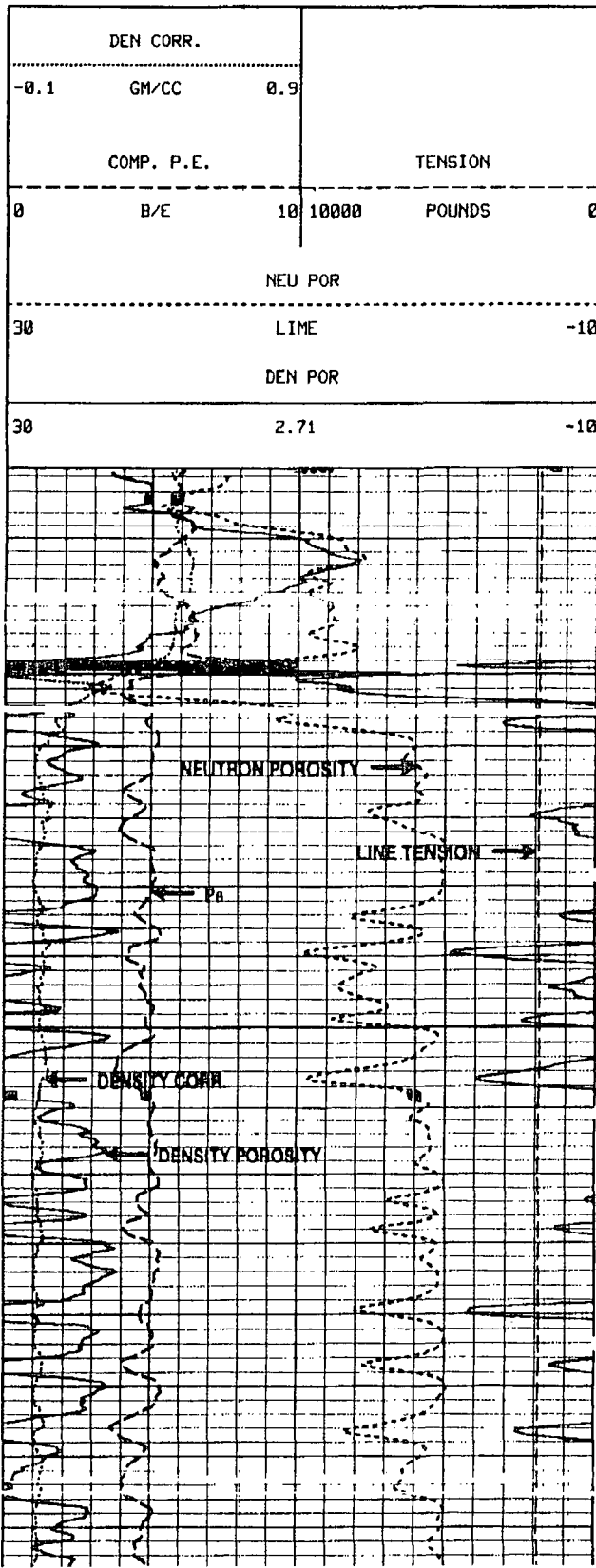
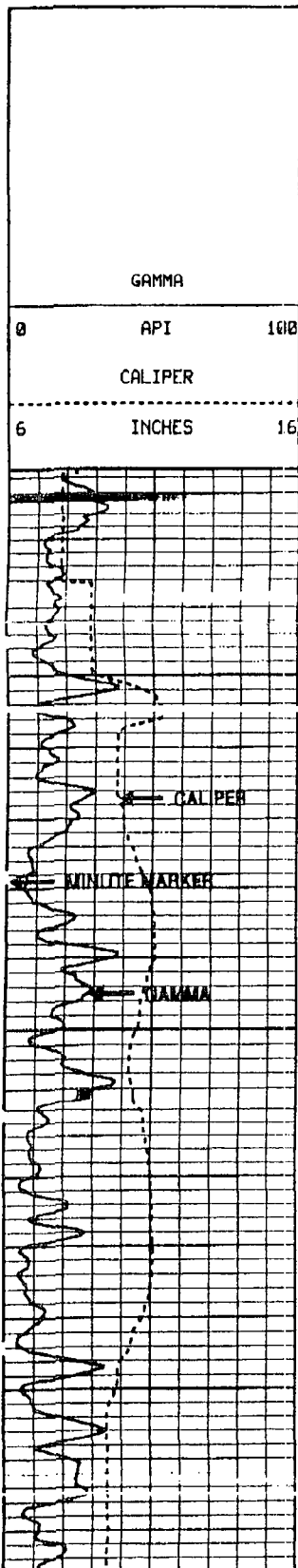
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PE CORR.		
-0.1	B/E	0.9
TENSION		
10000	POUNDS	0
SDL DEN.		
2	GM/CC	3
NEU POR		
30	LIME	-10

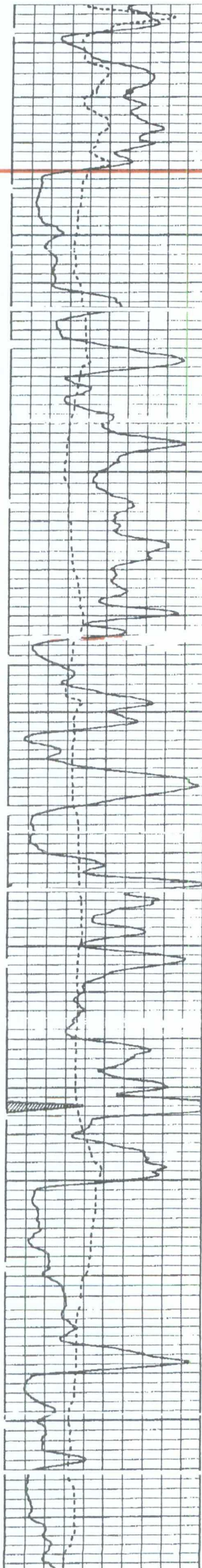
SECTION 410

Date: 7/ 9/91

Time: 1:26

Version:2.51





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