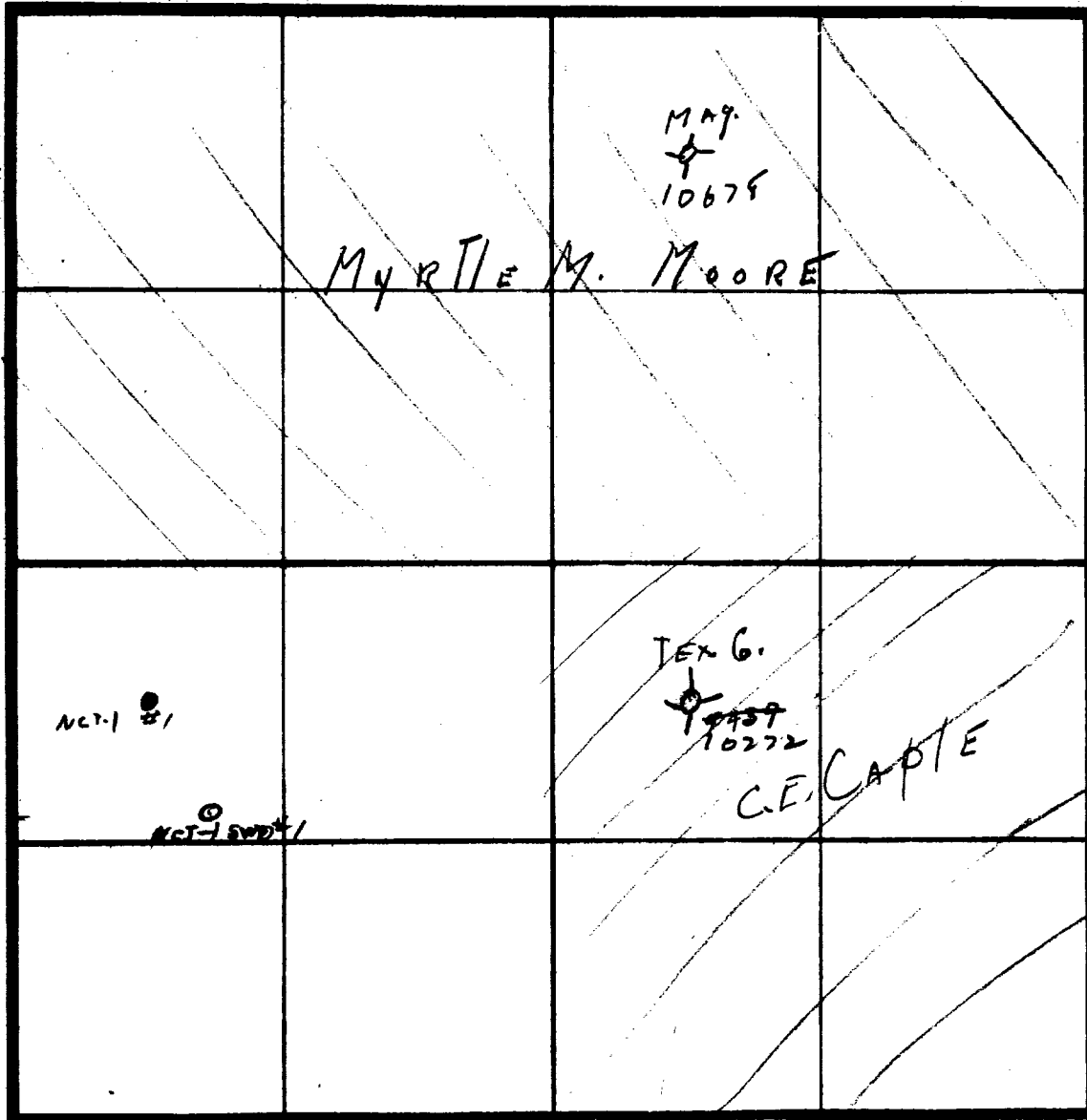


E. Caprock Her. & W.C.

Sec. 25 Township No. 115 of Range No. 32E

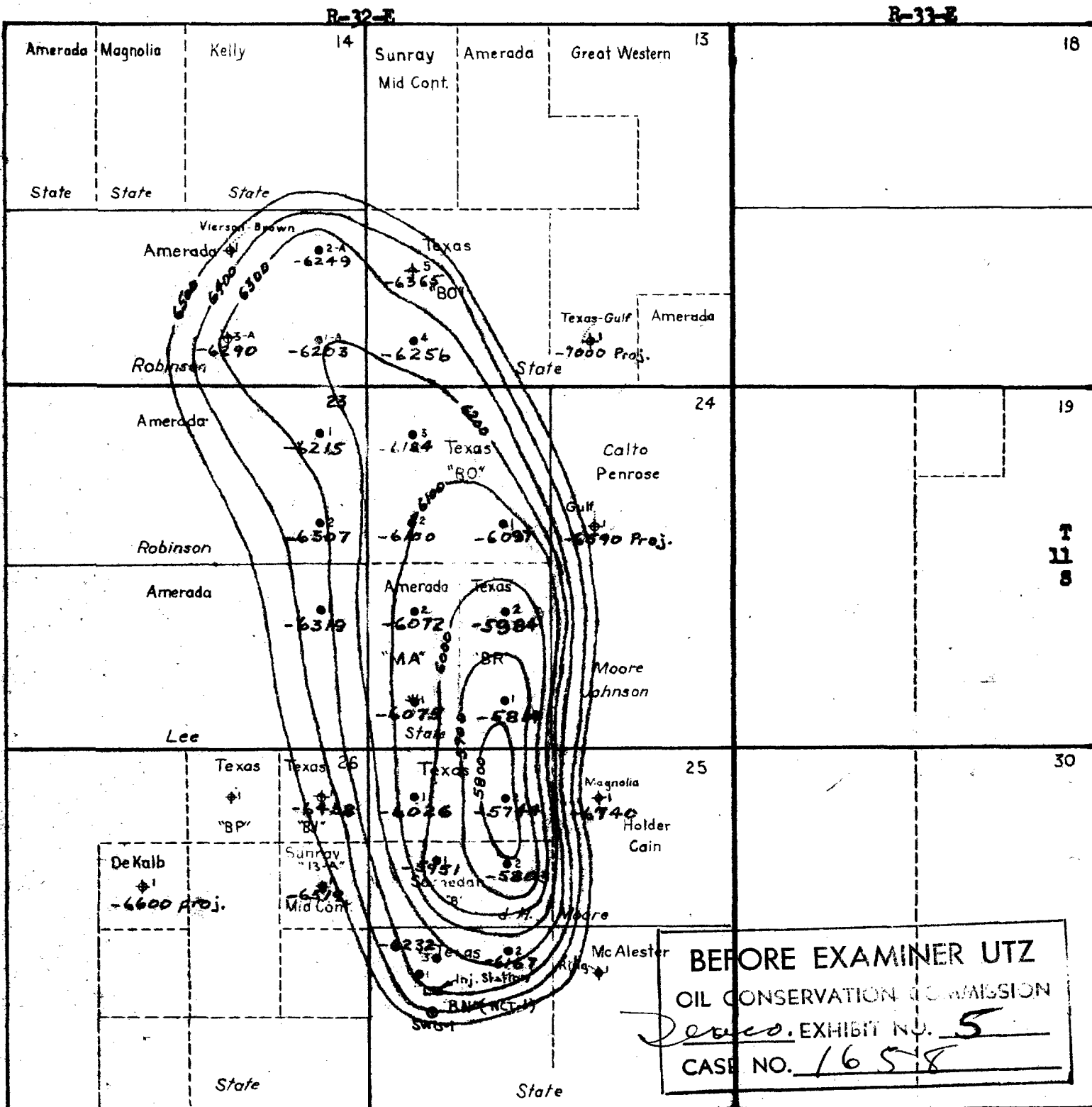
10,277 Dry hole SE/4



1434
1320
114

896.6
660.
236.6

1320
660
660



MOORE DECHMAN POOL
LEE COUNTY, TEXAS
STRUCTURE MAP
TOP OF DECHMAN
CONTOUR INTERVAL: 100 FEET
SCALE: 1 INCH = 2000 FEET

TRETOLITE COMPANY

369 MARSHALL AVENUE

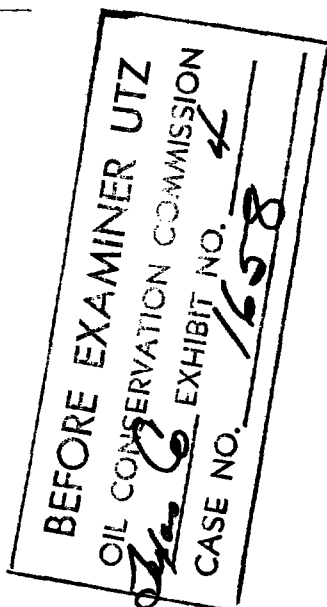
ST. LOUIS 19, MO.

WATER ANALYSIS REPORT

COMPANY The Texas Company LOCATION Lovington, N. M. DATE 4-28-59

SOURCE Moore SWDW DATE SAMPLED 4-17-59 NO. WA 523

Analysis	ppm	epm*
1. PH <u>6.7</u>		
2. H ₂ S (Qualitative) <u>neg.</u>		
3. Total Solids	47,000	
4. Dissolved Solids	46,900	
5. Suspended Solids	100	
6. Phenol Alkalinity (CaCO ₃)	none	
7. M. O. Alkalinity (CaCO ₃)	440	
8. Bicarbonate (HCO ₃)	337	09
9. Chlorides (Cl)	24,750	697
10. Sulfates (SO ₄)	1,605	33
11. Total Iron (Fe)	01	0.5
12. Calcium (Ca)	2,740	137
13. Magnesium (Mg)	none	none
14. Total Hardness (CaCO ₃)	5,890	
15.		
16.		



*equivalents/millions.

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	epm	=	ppm
Ca (HCO ₃) ₂	81.04		09		730
Ca SO ₄	68.07		33		2,250
Ca Cl ₂	55.50		95		5,270
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00				
Na ₂ SO ₄	71.03				
Na Cl	58.46		602		35,200

Saturation Values

Ca CO ₃	13 ppm
Ca SO ₄	1630 ppm
Mg CO ₃	63 ppm

REMARKS The Texas Company, Post Office Box 506, Lovington, New Mexico

cc. Hampton, Parmer, St. Louis

Exh. No. 4

Respectfully submitted
TRETOLITE COMPANY

J.H. Evans

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



Electrical Log

COUNTY <u>LEA</u> FIELD or LOCATION <u>MOORE</u> WELL STATE BN # <u>1</u> COMPANY <u>THE TEXAS CO.</u>	COMPANY <u>THE TEXAS CO.</u>	Location of Well 1980' f SL 660' f WL Sec. 25-11S-32E
	WELL _____ STATE BN # <u>1</u>	Exh No. <u>3</u>
	FIELD <u>MOORE</u>	ES-GRL
	LOCATION <u>SEC. 25-11S-32E</u>	Elevation: D.F.: _____ K.B.: _____ or G.L.: _____
	COUNTY <u>LEA</u>	FILING No. _____
STATE <u>NEW MEXICO</u>		

RUN No.	<u>1</u>				
Date	<u>7-26-52</u>				
First Reading	<u>10219</u>				
Last Reading	<u>3529</u>				
Feet Measured	<u>6690</u>				
Csg. Schlum.	<u>3529</u>				
Csg. Driller	<u>3530</u>				
Depth Reached	<u>10222</u>				
Bottom Driller	<u>10232</u>				
Depth Datum	<u>KB 1' Aby. RT</u>				
Mud Nat.	<u>Salt Gel</u>				
" Density	<u>9.5</u>				
" Viscosity	<u>50</u>				
" Resist.	<u>05 @ 76 °F</u>	@ °F	@ °F	@ °F	@ °F
" Res. BHT.	<u>023 @ 152 °F</u>	@ °F	@ °F	@ °F	@ °F
" pH	@ °F	@ °F	@ °F	@ °F	@ °F
" Wtr. Loss	<u>12 CC 30 min.</u>	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. °F	<u>152</u>				
Bit Size	<u>7 7/8"</u>				
Spchs.—AM	<u>10"</u>				
A	<u>32" LS</u>				
AO	<u>19'</u>				
Opr. Rig Time	<u>3 Hrs.</u>				
Truck No.	<u>V-5-Hobbs</u>				
Recorded By	<u>Boswell</u>				
Witness By	<u>Baldwin</u>				

BEFORE EXAMINER UTZ
 OIL CONSERVATION COMMISSION
Texas Co. EXHIBIT NO. 3
 CASE NO. 1658

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



Electrical Log

COUNTY LEA
FIELD or
LOCATION MOORE
WELL STATE BN # 1
COMPANY THE TEXAS CO.

COMPANY THE TEXAS CO.

WELL STATE BN # 1

FIELD MOORE

LOCATION SEC.25-11S-32E

COUNTY LEA

STATE NEW MEXICO

Location of Well

1980' f SL

660' f WL

Sec.25-11S-32E

ES-GRL

Elevation: D.F.:

K.B.:

or G.L.:

FILING No.:

RUN No.	1				
Date	7-26-52				
First Reading	10219				
Last Reading	3529				
Feet Measured	6690				
Csg. Schlum.	3529				
Csg. Driller	3530				
Depth Reached	10222				
Bottom Driller	10232				
Depth Datum	KB 1' Aby. RT				
Mud Nat.	Salt Gel				
" Density	9.5				
" Viscosity	50				
" Resist.	05 @ 76 °F	@ °F	@ °F	@ °F	@ °F
" Res. BHT.	023 @ 152 °F	@ °F	@ °F	@ °F	@ °F
" pH	@ °F	@ °F	@ °F	@ °F	@ °F
" Wtr. Loss	12 CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. °F	152				
Bit Size	7 7/8"				
Spcgs.—AM	10"				
A	32" LS				
AO	19'				
Opr. Rig Time	3 Hrs.				
Truck No.	V-5-Hobbs				
Recorded By	Boswell				
Witness By	Baldwin				

FOLD HERE

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



Electrical Log

COUNTY LEA
FIELD or LOCATION MOORE
WELL STATE BN # 1
COMPANY THE TEXAS CO.

COMPANY THE TEXAS CO.

WELL STATE BN # 1

FIELD MOORE

LOCATION SEC. 25-11S-32E

COUNTY LEA

STATE NEW MEXICO

Location of Well

1980' f SL

660' f WL

Sec. 25-11S-32E

Exh. No. 3

ES-GRL

Elevation: D.F.:

K.B.:

or G.L.:

FILING No.

RUN No.	1				
Date	7-26-52				
First Reading	10219				
Last Reading	3529				
Feet Measured	6690				
Csg. Schlum.	3529				
Csg. Driller	3530				
Depth Reached	10222				
Bottom Driller	10232				
Depth Datum	KB : 'Aby. RT				
Mud Nat.	Salt Gel				
" Density	9.5				
" Viscosity	50				
" Resist.	05 @ 76 °F	@ °F	@ °F	@ °F	@ °F
" Res. BHT.	023 @ 152 °F	@ °F	@ °F	@ °F	@ °F
" pH	@ °F	@ °F	@ °F	@ °F	@ °F
" Wtr. Loss	12 CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. °F	152				
Bit Size	7 7/8"				
Spcgs.—AM	10"				
A	32" LS				
AO	19'				
Opr. Rig Time	3 Hrs.				
Truck No.	V-5-Hobbs				
Recorded By	Boswell				
Witness By	Baldwin				

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



Electrical Log

COUNTY LEA
FIELD or
LOCATION MOORE
WELL STATE BN # 1
COMPANY THE TEXAS CO.

COMPANY THE TEXAS CO.

WELL STATE BN # 1

FIELD MOORE

LOCATION SEC.25-11S-32E

COUNTY LEA

STATE NEW MEXICO

Location of Well
1980' f SL
660' f WL
Sec.25-11S-32E

Exh No. 3

ES-GRL

Elevation: D.F.:

K.B.:

or G.L.:

FILING No.

RUN No.	<u>1</u>				
Date	<u>7-26-52</u>				
First Reading	<u>10219</u>				
Last Reading	<u>3529</u>				
Feet Measured	<u>6690</u>				
Csg. Schlum.	<u>3529</u>				
Csg. Driller	<u>3530</u>				
Depth Reached	<u>10222</u>				
Bottom Driller	<u>10232</u>				
Depth Datum	<u>KB : 'Aby. RT</u>				
Mud Nat.	<u>Salt Gel</u>				
" Density	<u>9.5</u>				
" Viscosity	<u>50</u>				
" Resist.	<u>05 @ 76 °F</u>	@ °F	@ °F	@ °F	@ °F
" Res. BHT.	<u>023 @ 152 F</u>	@ °F	@ °F	@ °F	@ °F
" pH	@ °F	@ °F	@ °F	@ °F	@ °F
" Wtr. Loss	<u>12 CC 30 min.</u>	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. °F	<u>152</u>				
Bit Size	<u>7 7/8"</u>				
Specs.—AM	<u>10"</u>				
A	<u>32" LS</u>				
AO	<u>19'</u>				
Opr. Rig Time	<u>3 Hrs.</u>				
Truck No.	<u>V-5-Hobbs</u>				
Recorded By	<u>Boswell</u>				
Witness By	<u>Baldwin</u>				

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



Electrical Log

COUNTY <u>Lea</u> FIELD or LOCATION <u>S. Knowles Devonian</u> WELL <u>R.K. Cone # 1</u> COMPANY <u>Jake L. Hamon and</u> <u>Warren Petr. Corp.</u>	COMPANY <u>JAKE L. HAMON AND</u>	Location of Well <u>660' f S&W/L</u> <u>Sec. 7-17S-39E</u>
	<u>WARREN PETR. CORP.</u>	
	WELL <u>R.K. CONE # 1</u>	
	FIELD <u>S. KNOWLES DEVONIAN</u>	ES-GRL (ML)
	LOCATION <u>SEC. 7-17S-39E</u>	
	COUNTY <u>LEA</u>	Elevation: D.F. <u>3685.5</u> K.B. <u>3687</u> <u>or G.L. 3674.5</u>
	STATE <u>NEW MEXICO</u>	FILING No. _____

RUN No.	1				
Date	12-8-54				
First Reading	12235				
Last Reading	5005				
Feet Measured	7230				
Csg. Schlum.	5005				
Csg. Driller	5000				
Depth Reached	12238				
Bottom Driller	12239				
Depth Datum	KB 12.5' Aby. GL				
Mud Nat.	Caustic-Qbr.				
" Density	9.1				
" Viscosity	160				
" Resist.	1.8 @ 64 F	@ F	@ °F	@ °F	@ °F
" Res. BHT	.8 @ 150 F	@ F	@ °F	@ °F	@ °F
" pH	@ F	@ F	@ °F	@ °F	@ °F
" Wtr. Loss	6.5 CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. °F	150				
Bit Size	8 3/4"				
Spcgs.—AM	10"				
A	32" LS				
AO	19'				
Opr. Rig Time	2 Hrs.				
Truck No.	1758-Hobbs				
Recorded By	Maxwell				
Witness By	Phillips				