

Case No.

285

Large Exhibits



COMPANY	TIDE WATER ASSOCIATED OIL COMPANY	DATE ON	1-19-51	FILE NO.	ML-117 S
WELL	STATE P NO. 1-D	DATE OFF	1-22-51	ENGRS.	VBO:JIC:WEM:CLS
FIELD	WILDCAT (LOVINGTON AREA)	FORMATION	PENNSYLVANIAN	ELEV.	3799' D.F.
COUNTY	LEA	STATE	NEW MEXICO	DRLG. FLD.	WATER BASE MUD
LOCATION		CORES	SMIT DIAMOND	REMARKS	SAMPLED BY CORE LABORATORIES, INC.

Special Analysis
CORE REPORT

Case n: 285-³
Exh "D"

SAND  **LIMESTONE**  **CONGLOMERATE**  **CHERT** 

SHALE  **DOLOMITE**   

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted), but Core Laboratories, Inc. and its officers and employees assume no responsibility or representations as to the propriety or the accuracy or the soundness or the completeness of any reliance on, or other material, well or sound in connection with, which such report is used or relied upon.

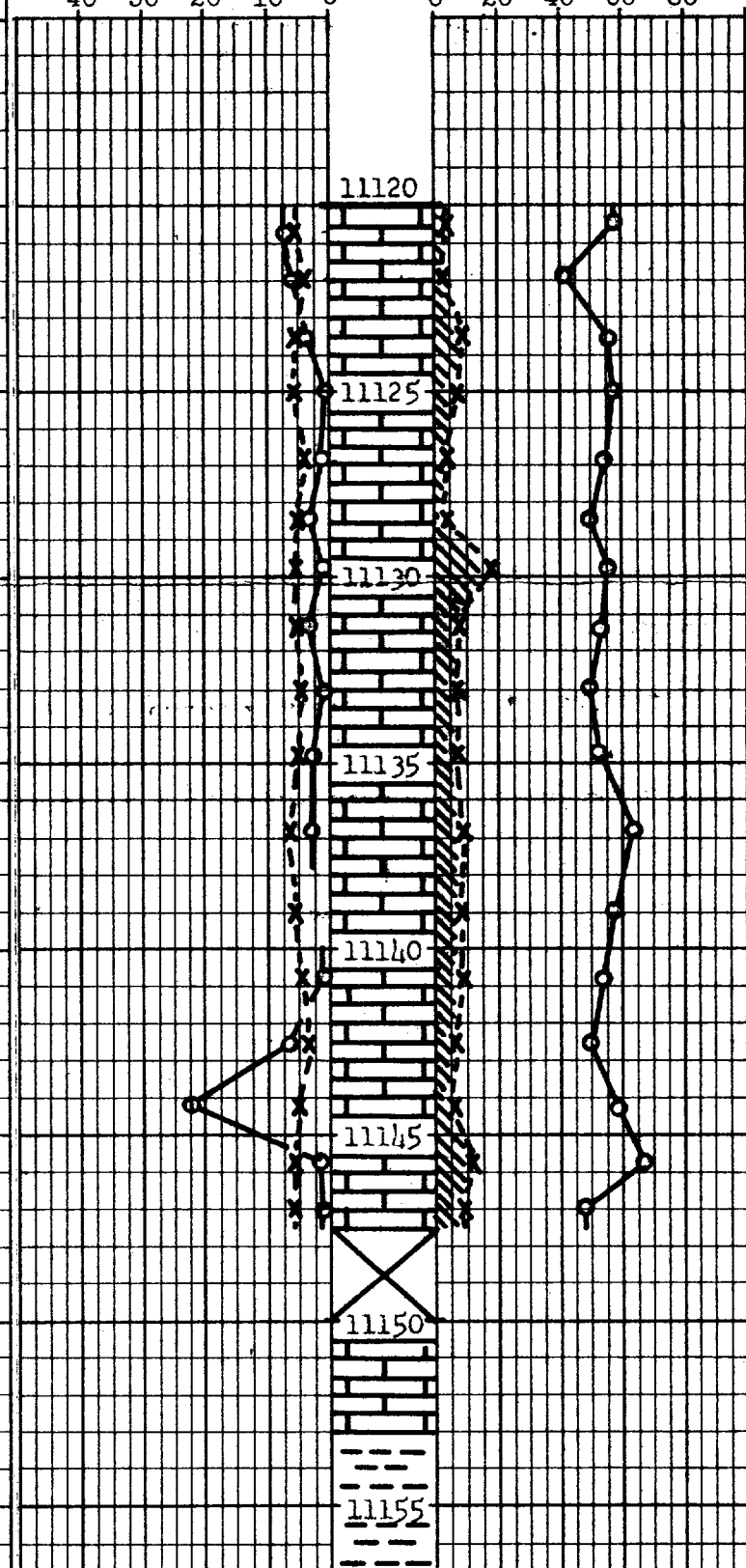
PERMEABILITY, Maximum O—O
MILLIDARCS

TOTAL WATER 0-0
PERCENT FREE SPACE

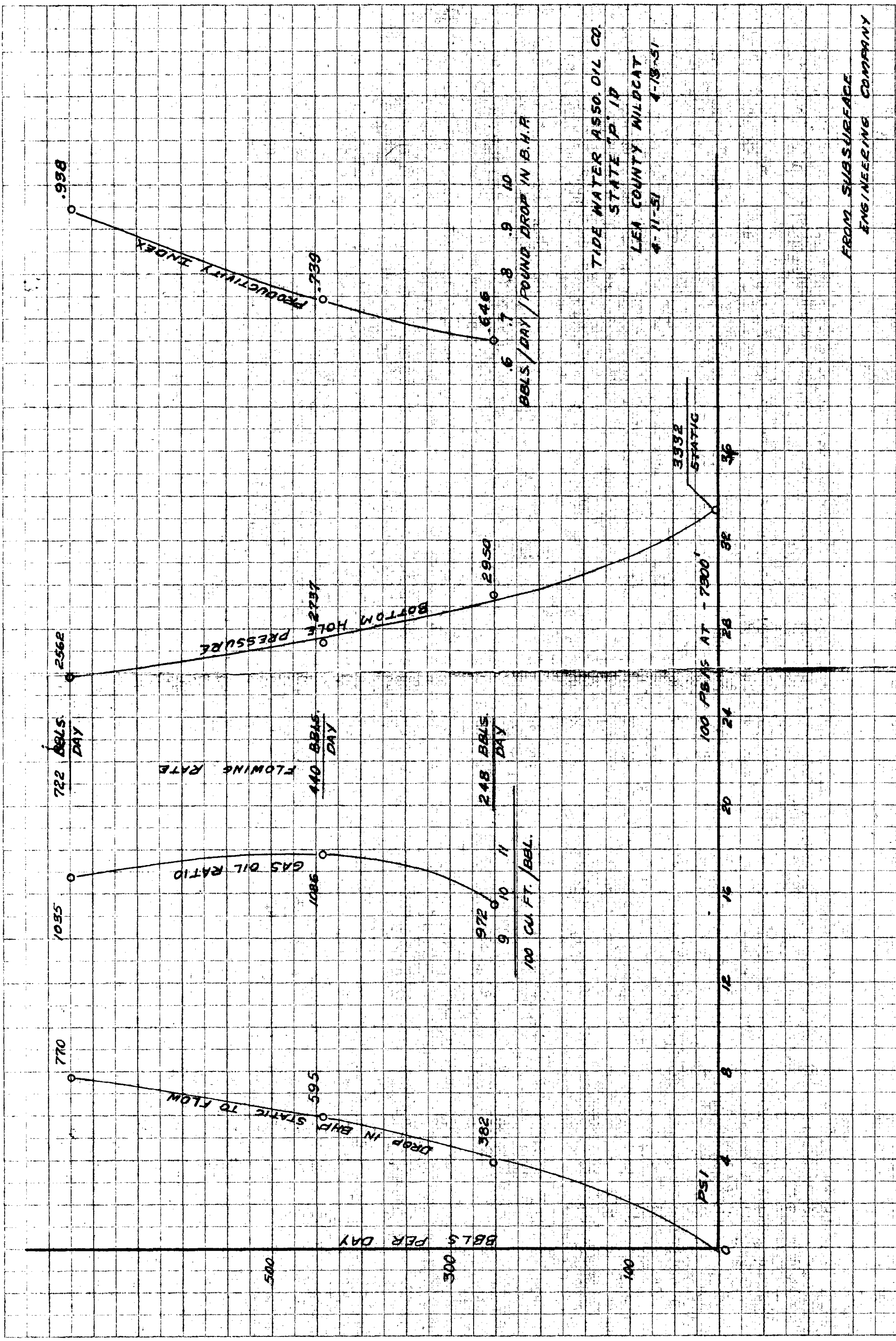
POROSITY X---X
PERCENT

$\text{OIL SATURATION} \times \text{PERCENT PORE SPACE}$

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY		POROSITY %	RESIDUAL SATURATION % PORE SPACE		VISUAL DESCRIPTION
		MAX.	90°		OIL	TOTAL WATER	
	P - POROUS V - VUGGY						
1	11120.0-21.3	7.1	0.7	5.9	3.4	42.3	P, V
2	21.3-22.8	6.4	2.0	4.3	2.3	58.1	P, V
3	11122.8-24.4	4.5	1.5	6.0	8.3	45.1	P, V
4	24.4-25.9	0.2	<0.1	6.2	6.5	43.5	P, V
5	11125.9-27.7	0.9	0.7	4.8	4.2	45.8	P, V
6	11127.7-29.0	3.5	2.7	5.0	4.0	50.0	P, V
7	29.0-30.5	1.6	0.3	5.7	17.5	45.6	P, V
8	11130.5-32.0	4.1	2.9	5.5	7.3	47.2	P, V
9	32.0-33.9	0.6	0.3	4.4	6.8	50.0	P, V
10	11133.9-35.5	2.7	1.2	5.0	6.0	48.0	P, V
11	11135.5-38.0	2.7	1.5	7.1	8.4	38.0	P, V
12	11138.0-40.0	*	*	6.2	8.1	43.5	P, V
13	11140.0-41.5	0.4	0.4	4.3	9.3	46.5	P, V
14	11141.5-43.2	7.1	2.9	3.6	5.6	50.0	P, V
15	11143.2-45.2	23	3.7	5.1	5.9	41.2	P, V
16	45.2-46.5	1.4	0.5	6.0	11.7	33.3	P, V
17	46.5-47.5	0.3	<0.1	5.7	8.8	52.6	P, V
	<i>Average Values</i>	4.2	1.3	5.3	7.3	45.9	
	<i>FVF 1.68</i>						
	<i>Sol. GOR 1120</i>						



Case 70-1-85
 2-1-51



ENGRAVING 254 10 X 10 TO THE HALF INCH
 WHEN ORDERING STATE COLOR, DRAWING OR TRACING PAPER.
 MADE IN U. S. A.
 100% RAG PAPER

TIDE WATER ASSOCIATED CO.
 STATE OF TEXAS
 LEA COUNTY WILDCAT
 4-11-51

FROM SURFACE
 ENGINEERING COMPANY

SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



Electrical Log

COUNTY Lea
FIELD or LOCATION Wildcat
WELL State P #1-D
COMPANY Tidewater Assoc.
OIL COMPANY

COMPANY TIDEWATER ASSOC.

OIL COMPANY

WELL STATE P #1-D

FIELD WILDCAT

LOCATION SEC.32-16S-37E

COUNTY LEA

STATE NEW MEXICO

Location of Well

660'fr S & E/L
Sec.32-16S-37E

Elevation: D.F.: 3799'

K.B.:

or G.L.:

FILING No.

RUN No.	I	II	III		
Date	11-9-50	12-28-50	3-11-51		
First Reading	4987	10154	12570		
Last Reading	335	4994	10154		
Feet Measured	4652	5160	2416		
Csg. Schlum.	335	4994	4994		
Csg. Driller	336	4988	4988		
Depth Reached	4990	10157	12573		
Bottom Driller	4990	10150	12572		
Depth Datum	1' abv.	RT or 11' abv.	Gr.		
Mud Nat.	Zeogel	Aquagel	Caustic Obr.		
" Density	10.8	9.8	9.6		
" Viscosity	34	35	56		
" Resist.	.052 @ 42°F	.80 @ 35°F	2.0 @ 50°F	@ °F	@ °F
" Res. BHT	.03 @ 92°F	.22 @ 158°F	.52 @ 190°F	@ °F	@ °F
" pH	@ °F	10.5 @ °F	10 @ °F	@ °F	@ °F
" Wtr. Loss	CC 30 min.	CC 30 min.	6.6 CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. °F	92	158	190		
Bit Size	12 1/4"	8 3/4"	8 3/4"		
Spcgs.—AM	10"	10"	10"		
AO	32"LS	32"LS	32"LS		
AO	19'	19'	19'		
Opr. Rig Time	6 hrs.	9 hrs.	6 1/2 hrs.		
Truck No.	504-Hobbs	570-Hobbs	570-Hobbs		
Recorded By	Cargill	Scott	Scott		
Witness By	Jones	Hogue	Dorsey		

CASE 285: NOTICES OF PUBLICATION RECORD

Santa Fe New Mexican May 31, 1951
(See Case 281 for clipping)

Hobbs Daily News-Sun June 1, 1951
