MONSON	1	2	SOLAR OIL COMPANY	GREAT BEND
LEASE	WELL NO.	TEST NO.	COMPANY	DISTRICT

Halliburton
OIL WELL CEMENTING CO.

LOCATION	21-18-16
FIELD	-
COUNTY	Rush
STATE	Kansas
CONTRACTOR	Lewis Drilling Company

MUD DATA

Kind	Chemical
Weight	10.4 lbs.-gal.
Viscosity	51 Sec.
Filter Loss	4.5 c. c. Filter Cake 1/32 in.
Est. Gauge Depth Temp.	Calculated 100 F°
Tool Open	59 Minutes
Time Closed In.	Initial-20 Minutes Final -20 Minutes

HOLE & TOOL DATA

Total Depth	3602'	Casing Perforations	Top / Bottom
Top Packer Depth	3557'	Bottom Packer Depth	3563'
Casing or Hole Size	7-7/8"	Liner or Rathole Size	7-5/8"
Formation Tested	Reagen Sand		
Size Drill Pipe	3.8 ID 4-1/2" FH	Size Drill Collars	-
Size Bottom Choke	5/8"	Size Surface Choke	1/4" & 1"
Size Hook Wall Packer	-	Size Rings -	No. Rings -
Size & Type Wall Packer	6-3/4" ESWP	No. Packers	2
Size & Length Anchor	4-1/2" X 39'		

Depth Top Gauge	3549' Ft.	Depth Bottom Gauge	3598' Ft.	Amount of Cushion	None
BT. P. R. D. No.	513	Blanked Off	No	BT. P. R. D. No. 1959	Blanked Off Yes
12 Hr. Clock No.	2054			Hr. Clock No.	

Pressure Readings	Field		Office Corrected	Field	Office Corrected
Initial Hydro Mud Pressure	1940		1898		p.s.i.
Initial Flow. Pres.	145		201		p.s.i.
Final Flow Pres.	315		347		p.s.i.
Closed in Pres.	1005 480	Initial Final	1011 487		p.s.i.
Final Hydro Mud Pressure	1910		1878		p.s.i.

Date	9-21-57
Ticket No.	113354
HOWCO DISTRICT	Great Bend
Kind of Job	Open Hole Test
Price	$220.00
Second Packer Assembly	
Safety Joint	
Extra Folder Charge	
Jars	
Total	$220.00
Witnessed By	George Waite
Tester	J. S. Heckard

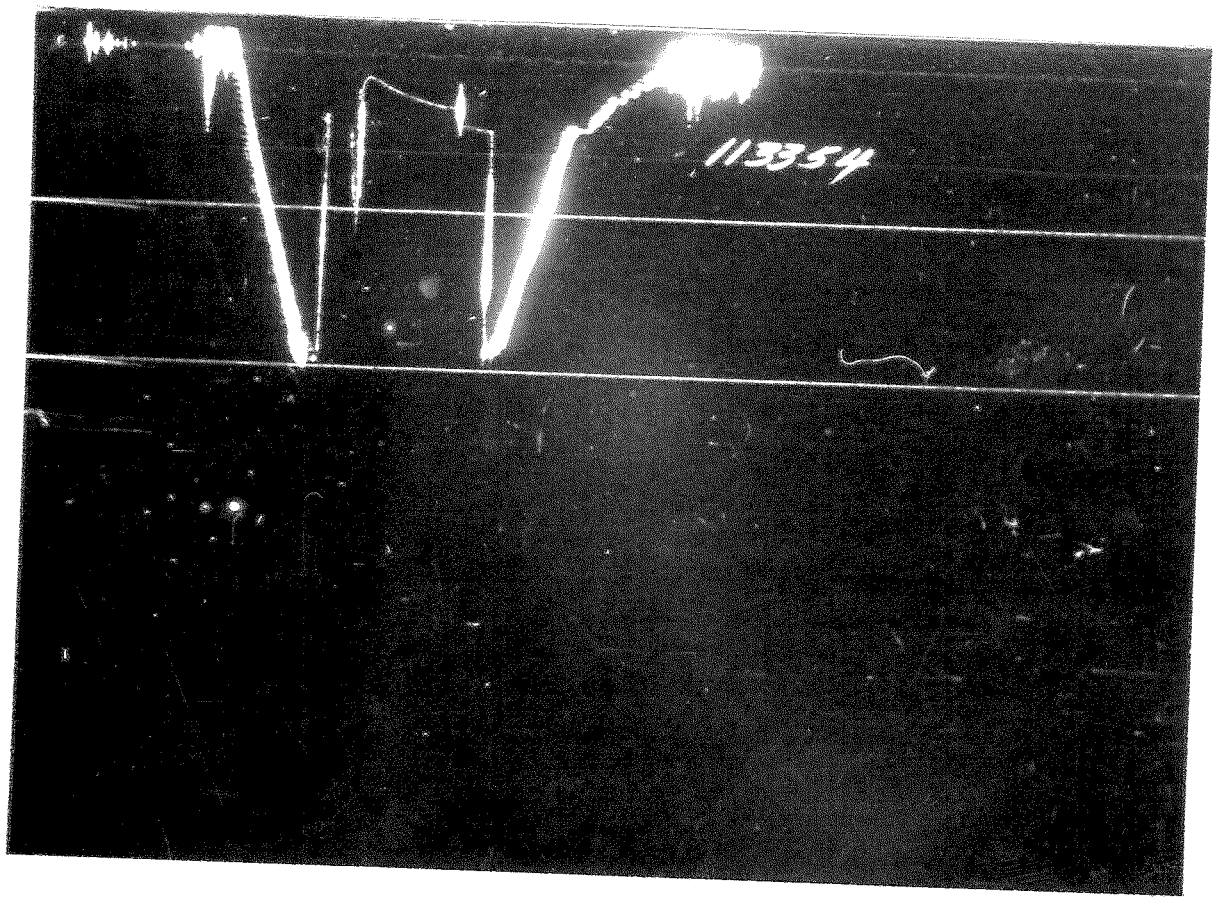
REMARKS: Set packer, opened tool 6:27 AM to take a 20 minute Initial Closed in Pressure. Opened tool 6:47 AM with a good blow that lasted throughout test. Gas to the surface in 20 minutes - 3# pressure through 1/4" choke at surface in 50 minutes. Opened to 1" choke. Closed in at 7:46 AM to take a 20 minute Final Closed in Pressure. Off bottom 8:06 AM. Recovered 60' of gas and oil cut mud, 120' of heavy oil and gas cut mud, 60' of gassy oil, 120' of watery oil, 180' of oily water, 60' of water.

All depths measured from Kelly Bushing

No. Folders Reproduced 5

TIME

PRESSURE



Each Horizontal Line Equal to 1000 p.s.i.

Company SOLAR OIL COMPANY

Date 9-21-57

Lease MONSON

Well No. 1

Ticket No. 113354

Test No. 2

	Time	PSI
Initial Hydro Mud Pressure		1898
Initial Closed In Pressure	20 Mins.	1011
Initial Flow		201
Final Flow	59 Mins.	347
Final Closed In Pressure	20 Mins.	487
Final Hydro Mud Pressure		1878

Total Depth 3602'

Packer Depth 3557-3563'

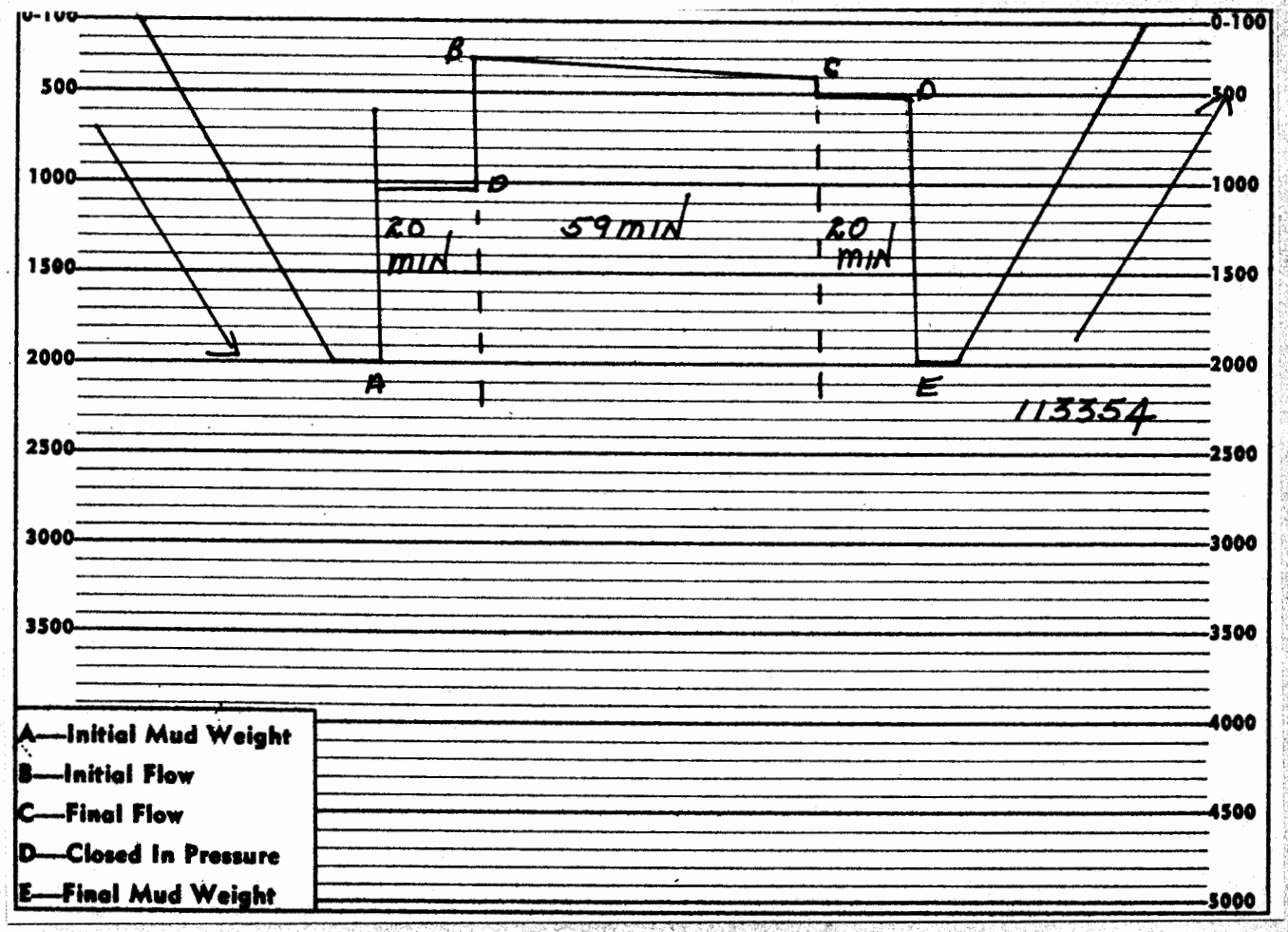
BT No. 513 Depth 3549'

12 Hr. Clock No. 2054

Temperature Corrected to 100 ° F.

	Initial CIP			Flow Pressure			Final CIP		
	Time Defl. .000"	PSI Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Defl. .000"	PSI Temp. Corr.
P0				.000	.126	201	.000	.218	347
P1				.1015	.135	215	.0135	.288	459
P2				.203	.176	280	.027	.288	459
P3				.3045	.206	328	.0405	.291	463
P4				*.399	.218	347	.054	.295	470
P5							.0675	.297	472
P6							.081	.299	476
P7							.0945	.302	481
P8							.108	.303	482
P9							.1215	.304	484
P10							.135	.306	487
	Minute Intervals			15 Minute Intervals			2 Minute Intervals		

Remarks: * Last minute interval of flow time is not equal to a full 15 minute


0-100
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
B
C
D
A
E
20 min
59 min
20 min
113354
A—Initial Mud Weight
B—Initial Flow
C—Final Flow
D—Closed In Pressure
E—Final Mud Weight