

FLUID SAMPLE DATA				Date 11-13-80		Ticket Number 899639	
Sampler Pressure _____ P.S.I.G. at Surface				Kind of D.S.T. OPEN HOLE TEST		Halliburton Location PRATT	
Recovery: Cu. Ft. Gas _____				Tester DARRELL SHRICK		Witness R. C. ARMSTRONG	
cc. Oil _____				Drilling Contractor STERLING DRILLING #1 TJH S			
cc. Water _____				EQUIPMENT & HOLE DATA			
cc. Mud _____				Formation Tested Cherokee Sand			
Tot. Liquid cc. _____				Elevation _____ Ft.			
Gravity _____ ° API @ _____ ° F.				Net Productive Interval _____ Ft.			
Gas/Oil Ratio _____ cu. ft./bbl.				All Depths Measured From Kelly Bushing			
RESISTIVITY _____ CHLORIDE CONTENT _____				Total Depth 4462' _____ Ft.			
Recovery Water _____ @ _____ ° F. _____ ppm				Main Hole/Casing Size 7 7/8"			
Recovery Mud _____ @ _____ ° F. _____ ppm				Drill Collar Length 311' I.D. 2.25"			
Recovery Mud Filtrate _____ @ _____ ° F. _____ ppm				Drill Pipe Length 4088' I.D. 3.826"			
Mud Pit Sample _____ @ _____ ° F. _____ ppm				Packer Depth(s) 4420' - 4426' _____ Ft.			
Mud Pit Sample Filtrate _____ @ _____ ° F. _____ ppm				Depth Tester Valve 4407' _____ Ft.			
Mud Weight 9-9 cl. 34,000 vis 43 sec.							
TYPE		AMOUNT		Depth Back		Surface	
Cushion				Ft. Pres. Valve		Choke 1" Bottom Choke .75"	
Recovered	40	Feet of	mud.				
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks SEE PRODUCTION TEST DATA SHEET . . .							
TEMPERATURE		Gauge No. 6276		Gauge No. 6275		Gauge No.	
Depth:		4413 Ft.		4459 Ft.		TIME (00:00-24:00 hrs.)	
		12 Hour Clock		12 Hour Clock		Hour Clock	
Est. ° F.		Blanked Off NO		Blanked Off YES		Blanked Off	
4457						Tool Opened 1830	
Actual 108 ° F.						Opened Bypass 2030	
		Pressures		Pressures		Pressures	
		Field	Office	Field	Office	Field	Office
Initial Hydrostatic			2275.1	2377	2300.6		
First Period	Flow Initial		55.6	62	70.5		
	Flow Final		48.4	62	59.1		
	Closed in		1438.7	1447	1451.4		
Second Period	Flow Initial		42.2	48	50.8		
	Flow Final		29.8	48	38.3		
	Closed in		1428.5	1447	1439.0		
Third Period	Flow Initial						
	Flow Final						
	Closed in						
Final Hydrostatic			2259.7	2274	2272.7		

DE HAVEN

Well No.

Test No.

4426' - 4462'

OIL PROPERTIES COMPANY, INCORPORATED

Lease Owner/Company Name

Legal Location
Sec. - Twp. - Rng.

26 - 26 - 16W

Field Area

County

EDWARDS

State

KANSAS

Casing perms. _____ Bottom choke _____ Surf. temp _____ °F Ticket No. _____
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F
INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

[illegible]

Gauge No. 6276				Depth 4413				Clock No. 17482				12 hour				Ticket No. 899639							
First Flow Period				First Closed In Pressure				Second Flow Period				Second Closed In Pressure				Third Flow Period				Third Closed In Pressure			
Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.				
0	.0000	55.6	48.4	.0000	.0395*	31.9	29.8	.0000	.0135	561.3		.0000	.0135	904.9		.0000	.0135	1109.1					
1	.0335	49.4	933.8	.0724	.1053	30.9	1225.5	.0271	.0406	1282.6		.0271	.0406	1320.4		.0271	.0406	1343.8					
2	.0670	47.4	1191.8	.1382	.1711	30.9	1363.2	.0541	.0677	1377.5		.0541	.0677	1390.8		.0541	.0677	1399.9					
3	.1005	47.4	1282.6	.1382	.1711	30.9	1409.1	.0812	.0947	1409.1		.0812	.0947	1417.3		.0812	.0947	1422.4					
4	.1340	47.4	1325.5	.1711	.2040	29.8	1424.4	.1082	.1218	1428.5		.1082	.1218	1439.0		.1082	.1218						
5	.1674	47.4	1352.0	.2040			1429.5	.1218	.1353			.1218	.1353			.1218	.1353						
6	.2010	48.4	1372.4				1434.6	.1353	.1488			.1353	.1488			.1353	.1488						
7			1386.7				1438.7	.1488	.1624			.1488	.1624			.1488	.1624						
8			1398.9					.1624	.1759			.1624	.1759			.1624	.1759						
9			1409.1					.1759	.1894			.1759	.1894			.1759	.1894						
10			1416.3					.1894	.2030			.1894	.2030			.1894	.2030						
11			1424.4					.2030				.2030				.2030							
12			1429.5																				
13			1434.6																				
14			1438.7																				
15																							

Gauge No. 6275				Depth 4459				Clock No. 14284				12 hour			
Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.0000	70.5	59.1	.0000	.0399*	39.4	38.3	.0000	.0135	567.0		.0000	.0135	919.5	
1	.0333	59.1	1058.8	.0731	.1063	39.4	1140.5	.0269	.0404	1244.8		.0269	.0404	1300.6	
2	.0667	58.0	1230.3	.1063	.1395	39.4	1332.6	.0404	.0538	1357.4		.0404	.0538	1375.0	
3	.1000	59.1	1307.8	.1395	.1728	39.4	1402.9	.0538	.0673	1413.2		.0538	.0673	1421.5	
4	.1333	59.1	1345.0	.1728	.2060	38.3	1428.7	.0673	.0808	1434.9		.0673	.0808	1439.0	
5	.1667	59.1	1369.8	.2060				.0808	.0942			.0808	.0942		
6	.2000	59.1	1388.4					.0942	.1077			.0942	.1077		
7			1401.8					.1077	.1211			.1077	.1211		
8			1413.2					.1211	.1346			.1211	.1346		
9			1422.5					.1346	.1481			.1346	.1481		
10			1430.8					.1481	.1615			.1481	.1615		
11			1437.0					.1615	.1750			.1615	.1750		
12			1443.1					.1750	.1884			.1750	.1884		
13			1448.3					.1884	.2020			.1884	.2020		
14			1451.4					.2020				.2020			
15															

Gauge No. 6275				Depth 4459				Clock No. 14284				12 hour			
Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.0000	70.5	59.1	.0000	.0399*	39.4	38.3	.0000	.0135	567.0		.0000	.0135	919.5	
1	.0333	59.1	1058.8	.0731	.1063	39.4	1140.5	.0269	.0404	1244.8		.0269	.0404	1300.6	
2	.0667	58.0	1230.3	.1063	.1395	39.4	1332.6	.0404	.0538	1357.4		.0404	.0538	1375.0	
3	.1000	59.1	1307.8	.1395	.1728	39.4	1402.9	.0538	.0673	1413.2		.0538	.0673	1421.5	
4	.1333	59.1	1345.0	.1728	.2060	38.3	1428.7	.0673	.0808	1434.9		.0673	.0808	1439.0	
5	.1667	59.1	1369.8	.2060				.0808	.0942			.0808	.0942		
6	.2000	59.1	1388.4					.0942	.1077			.0942	.1077		
7			1401.8					.1077	.1211			.1077	.1211		
8			1413.2					.1211	.1346			.1211	.1346		
9			1422.5					.1346	.1481			.1346	.1481		
10			1430.8					.1481	.1615			.1481	.1615		
11			1437.0					.1615	.1750			.1615	.1750		
12			1443.1					.1750	.1884			.1750	.1884		
13			1448.3					.1884	.2020			.1884	.2020		
14			1451.4					.2020				.2020			
15															

Gauge No. 6275				Depth 4459				Clock No. 14284				12 hour			
Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.0000	70.5	59.1	.0000	.0399*	39.4	38.3	.0000	.0135	567.0		.0000	.0135	919.5	
1	.0333	59.1	1058.8	.0731	.1063	39.4	1140.5	.0269	.0404	1244.8		.0269	.0404	1300.6	
2	.0667	58.0	1230.3	.1063	.1395	39.4	1332.6	.0404	.0538	1357.4		.0404	.0538	1375.0	
3	.1000	59.1	1307.8	.1395	.1728	39.4	1402.9	.0538	.0673	1413.2		.0538	.0673	1421.5	
4	.1333	59.1	1345.0	.1728	.2060	38.3	1428.7	.0673	.0808	1434.9		.0673	.0808	1439.0	
5	.1667	59.1	1369.8	.2060				.0808	.0942			.0808	.0942		
6	.2000	59.1	1388.4					.0942	.1077			.0942	.1077		
7			1401.8					.1077	.1211			.1077	.1211		
8			1413.2					.1211	.1346			.1211	.1346		
9			1422.5					.1346	.1481			.1346	.1481		
10			1430.8					.1481	.1615			.1481	.1615		
11			1437.0					.1615	.1750			.1615	.1750		
12			1443.1					.1750	.1884			.1750	.1884		
13			1448.3					.1884	.2020			.1884	.2020		
14			1451.4					.2020				.2020			
15															

Gauge No. 6275				Depth 4459				Clock No. 14284				12 hour			
Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.0000	70.5	59.1	.0000	.0399*	39.4	38.3	.0000	.0135	567.0		.0000	.0135	919.5	
1	.0333	59.1	1058.8	.0731	.1063	39.4	1140.5	.0269	.0404	1244.8		.0269	.0404	1300.6	
2	.0667	58.0	1230.3	.1063	.1395	39.4	1332.6	.0404	.0538	1357.4		.0404	.0538	1375.0	
3	.1000	59.1	1307.8	.1395	.1728	39.4	1402.9	.0538	.0673	1413.2		.0538	.0673	1421.5	
4	.1333	59.1	1345.0	.1728	.2060	38.3	1428.7	.0673	.0808	1434.9		.0673	.0808	1439.0	
5	.1667	59.1	1369.8	.2060				.0808	.0942			.0808	.0942		
6	.2000	59.1	1388.4					.0942	.1077			.0942	.1077		
7			1401.8					.1077	.1211			.1077	.1211		
8			1413.2					.1211	.1346			.1211	.1346		
9			1422.5					.1346	.1481			.1346	.1481		
10			1430.8					.1481	.1615			.1481	.1615		
11			1437.0					.1615	.1750			.1615	.1750		
12			1443.1					.1750	.1884			.1750	.1884		
13			1448.3					.1884	.2020			.1884	.2020		
14			1451.4					.2020				.2020			
15															

Gauge No. 6275				Depth 4459				Clock No. 14284				12 hour			
Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.0000	70.5	59.1	.0000	.0399*	39.4	38.3	.0000	.0135	567.0		.0000	.0135	919.5	
1	.0333	59.1	1058.8	.0731	.1063	39.4	1140.5	.0269	.0404	1244.8		.0269	.0404	1300.6	
2	.0667	58.0	1230.3	.1063	.1395	39.4	1332.6	.0404	.0538	1357.4		.0404	.0538	1375.0	
3	.1000	59.1	1307.8	.1395	.1728	39.4	1402.9	.0538	.0673	1413.2		.0538	.0673	1421.5	
4	.1333	59.1	1345.0	.1728	.2060	38.3	1428.7	.0673	.						

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Drill Collars				
Reversing Sub	5 5/8"	2"	1'	4280'
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	4088'	
Drill Collars	6"	2.25"	311'	
Handling Sub & Choke Assembly	6"	2"	1'	
Dual CIP Valve	5 3/4"	.87"	6'	4401'
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	5'	4407'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	4'	4413'
Hydraulic Jar				
VR Safety Joint				
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.53"	6'	4420'
Distributor				
Packer Assembly	6 3/4"	1.53"	6'	4426'
Flush Joint Anchor	5"	2.36"	28'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor HT-500	5"	2.25"	2'	4457'
Blanked-Off B.T. Running Case	5"	2.44"	4'	4459'
Total Depth				4462'

5

TEMPERATURE
RECORDER
CHART

10° each circle



PRESSURE
↓

TIME →

899639-6274

10276

100120

899639-6275

6275

100120

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

FLUID SAMPLE DATA				Date 11-14-80		Ticket Number 899640	
Sampler Pressure _____ P.S.I.G. at Surface				Kind of D.S.T. OPEN HOLE		Halliburton Location PRATT	
Recovery: Cu. Ft. Gas _____				Tester MR. DARRELL		Witness MR. ARMSTRONG	
cc. Oil _____				Drilling Contractor SHRLICK			
cc. Water _____				STERLING DRILLING RIG #1 IC			
cc. Mud _____				EQUIPMENT & HOLE DATA			
Tot. Liquid cc. _____				Formation Tested Mississippi			
Gravity _____ ° API @ _____ ° F.				Elevation _____ Ft.			
Gas/Oil Ratio _____ cu. ft./bbl.				Net Productive Interval _____ Ft.			
RESISTIVITY _____ CHLORIDE CONTENT _____				All Depths Measured From Kelly Bushing			
Recovery Water _____ @ _____ ° F. _____ ppm				Total Depth 4495' Ft.			
Recovery Mud _____ @ _____ ° F. _____ ppm				Main Hole/Casing Size 7 7/8"			
Recovery Mud Filtrate _____ @ _____ ° F. _____ ppm				Drill Collar Length 311' I.D. 2.25"			
Mud Pit Sample _____ @ _____ ° F. _____ ppm				Drill Pipe Length 4140' I.D. 3.826"			
Mud Pit Sample Filtrate _____ @ _____ ° F. _____ ppm				Packer Depth(s) 4471' - 4477' Ft.			
Mud Weight CL-34,000 9.9 vis WL 6.4 43 sec.				Depth Tester Valve 4458' Ft.			
TYPE		AMOUNT		Depth Back Pres. Valve		Surface Choke 1" Bottom Choke .75"	
Cushion				Ft.			
Recovered		60 Feet of Mud					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks SEE PRODUCTION TEST DATA SHEET.							
TEMPERATURE		Gauge No. 6276 Depth: 4464' Ft.		Gauge No. 6275 Depth: 4492' Ft.		Gauge No. _____ Depth: _____ Ft.	
Est. _____ ° F.		12 Hour Clock		12 Hour Clock		Hour Clock	
Blanked Off NO		Blanked Off YES		Blanked Off		Tool Opened 10:30	
4490' @		Pressures		Pressures		Pressures	
Actual 110° F.		Pressures		Pressures		Pressures	
	Field	Office	Field	Office	Field	Office	Reported Minutes
Initial Hydrostatic	-	2312.1	2480	2328.5			Computed Minutes
First Period Flow	Initial	26.8	31	37.3			
	Final	42.0	42	50.8			30 31
	Closed in	1164.2	1168	1177.6			30 29
Second Period Flow	Initial	22.6	21	32.1			
	Final	39.0	42	46.6			30 31
	Closed in	1091.8	1096	1103.2			30 30
Third Period Flow	Initial						
	Final						
	Closed in						
Final Hydrostatic	-	2306.9	2377	2320.2			

DEHAVEN

Well No. 1

Test No. 2

4477' - 4495'

OIL PROPERTIES COMPANY INCORPORATED

Lease Owner/Company Name

Legal Location

Sec. - Twp. - Ring.

Field Area

County

EDWARDS

State KANSAS

Casing perms. _____ Bottom choke _____ Surf. temp. _____ °F Ticket No. 899640
Gas gravity _____ Oil gravity _____ GOR _____
Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

[illegible]

Gauge No.		6276		Depth		4464'		Clock No.		17482		12 hour		Ticket No.		899640	
First Flow Period		First Closed In Pressure		Second Flow Period		Second Closed In Pressure		Third Flow Period		Third Closed In Pressure		Time Defl.		PSIG Temp.		PSIG Temp.	
Time Defl.	PSIG Temp.	Time Defl.	PSIG Temp.	Time Defl.	PSIG Temp.	Time Defl.	PSIG Temp.	Time Defl.	PSIG Temp.	Time Defl.	PSIG Temp.	Time Defl.	PSIG Temp.	Time Defl.	PSIG Temp.	Time Defl.	PSIG Temp.
.000"	Corr.	Log $\frac{t + \theta}{\theta}$	Corr.	.000"	Corr.	Log $\frac{t + \theta}{\theta}$	Corr.	.000"	Corr.	Log $\frac{t + \theta}{\theta}$	Corr.	.000"	Corr.	.000"	Corr.	.000"	Corr.
0	.000	26.8	.000	42.0	.000	22.6	.000	.000	.000	39.0							
1	.0401	30.9*	.0136	305.1**	.0395	28.8*	.0202	.0202		382.4							
2	.0735	32.9	.0340	564.4	.0724	30.9	.0404	.0404		594.0							
3	.1069	36.0	.0544	746.4	.1053	32.9	.0606	.0606		737.2							
4	.1403	38.0	.0747	868.1	.1382	35.0	.0808	.0808		833.3							
5	.1737	40.0	.0951	959.1	.1711	37.0	.1010	.1010		907.9							
6	.2070	42.0	.1155	1025.5	.2040	39.0	.1212	.1212		964.2							
7			.1359	1075.5			.1414	.1414		1007.1							
8			.1563	1114.2			.1616	.1616		1040.8							
9			.1766	1141.8			.1818	.1818		1069.3							
10			.1970	1164.2			.2020	.2020		1091.8							
11																	
12																	
13																	
14																	
15																	

Gauge No.		6275		Depth		4492'		Clock No.		14284		12 hour	
First Flow Period		First Closed In Pressure		Second Flow Period		Second Closed In Pressure		Third Flow Period		Third Closed In Pressure		Time Defl.	
Time Defl.	PSIG Temp.	Time Defl.	PSIG Temp.	Time Defl.	PSIG Temp.	Time Defl.	PSIG Temp.	Time Defl.	PSIG Temp.	Time Defl.	PSIG Temp.	Time Defl.	PSIG Temp.
.000"	Corr.	Log $\frac{t + \theta}{\theta}$	Corr.	.000"	Corr.	Log $\frac{t + \theta}{\theta}$	Corr.	.000"	Corr.	Log $\frac{t + \theta}{\theta}$	Corr.	.000"	Corr.
0	.000	37.3	.000	50.8	.000	32.1	.000	.000	.000	46.6			
1	.0401	41.4*	.0132	299.7**	.0399	36.3*	.020	.020		354.7			
2	.0735	44.6	.0331	569.0	.0731	39.4	.040	.040		583.5			
3	.1069	46.6	.0529	757.7	.1064	41.4	.060	.060		742.2			
4	.1403	48.7	.0728	883.4	.1396	43.5	.080	.080		848.4			
5	.1737	49.7	.0926	969.0	.1728	45.6	.100	.100		920.6			
6	.2070	50.8	.1125	1039.2	.2060	46.6	.120	.120		976.2			
7			.1324	1089.8			.140	.140		1019.5			
8			.1522	1128.0			.160	.160		1053.6			
9			.1721	1156.9			.180	.180		1081.5			
10			.1920	1177.6			.200	.200		1103.2			
11													
12													
13													
14													
15													

Reading Interval 5 3 5 3 Minutes

REMARKS: *First interval equal to 6 minutes **=2 minutes

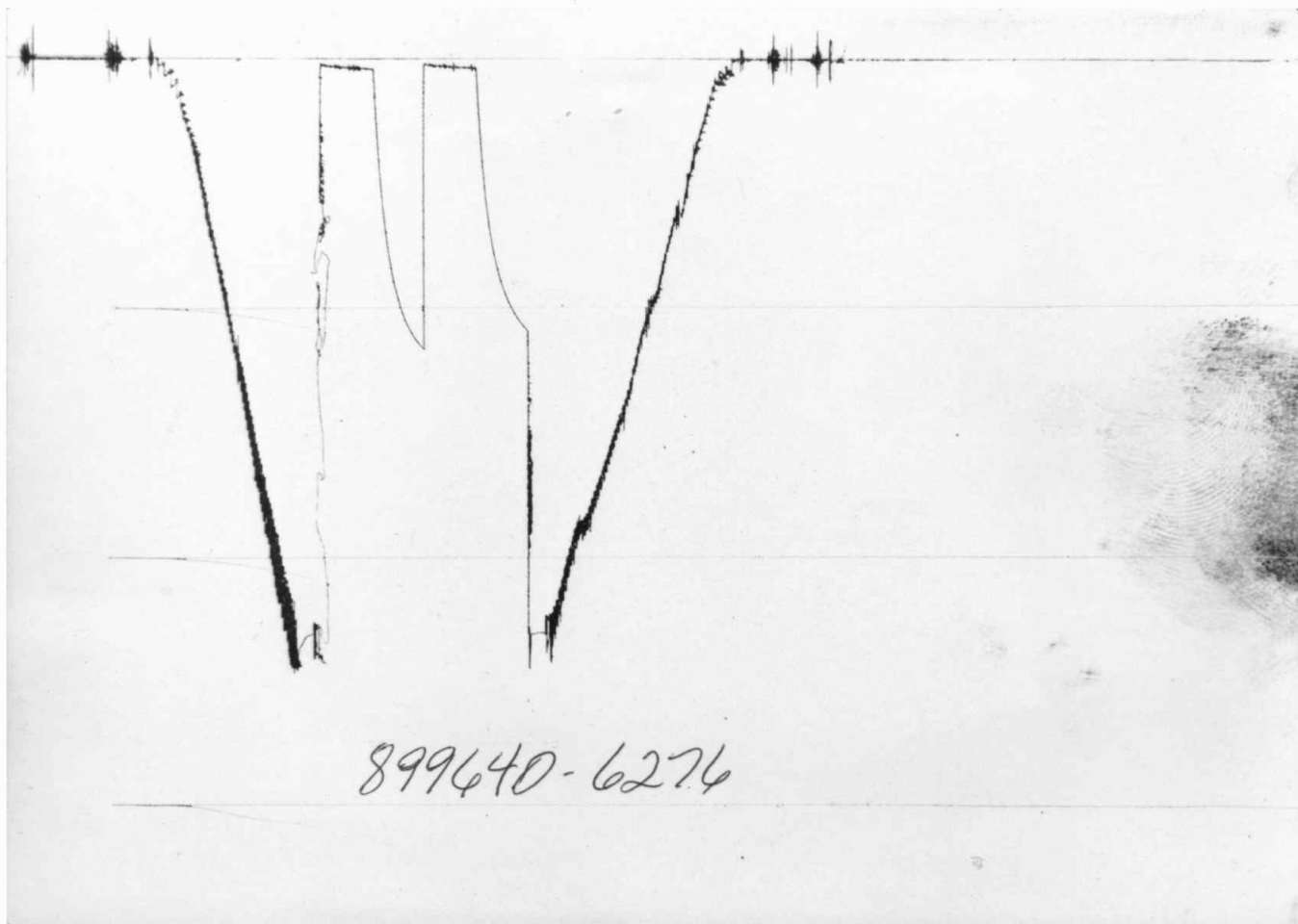
	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Drill Collars				
Reversing Sub	5 5/8"	2"	1'	4332'
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	4140'	
Drill Collars	6"	2.25"	311'	
Handling Sub & Choke Assembly	6"	2"	1'	
Dual CIP Valve	5 3/4"	.87"	6'	4452'
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	5'	4458'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	4'	4464'
Hydraulic Jar				
VR Safety Joint				
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.53"	6'	4471'
Distributor				
Packer Assembly	6 3/4"	1.53"	6'	4477'
Flush Joint Anchor	5"	2.36"	10'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5"	2.25"	2'	4490' TEMP.
Blanked-Off B.T. Running Case	5"	2.44"	4'	4492'
Total Depth				4495'

TEMPERATURE
RECORDER
CHART

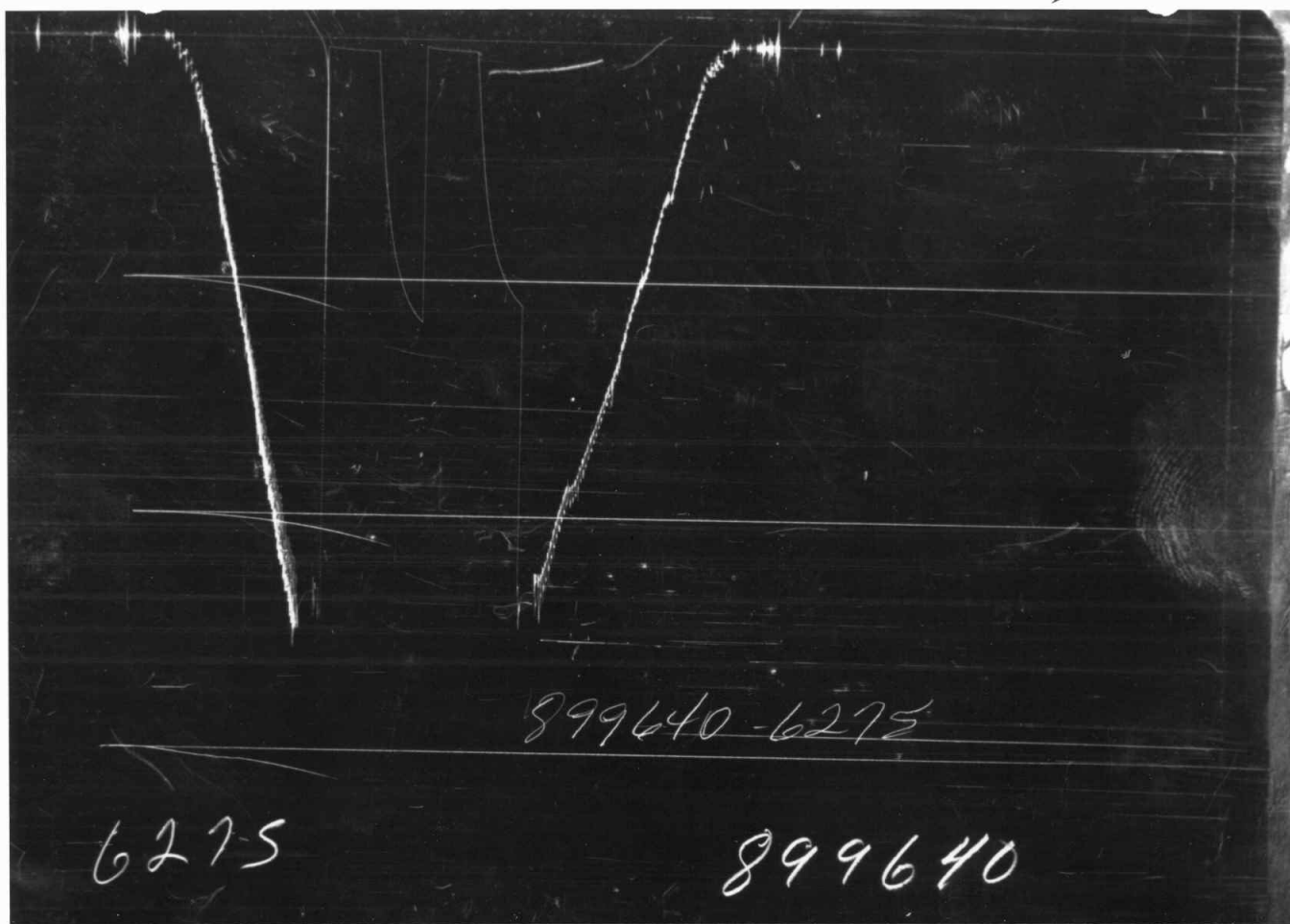


10° each circle

↓ PRESSURE



→ TIME



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