

FITZGERALD

LEASE NAME

WELL NO. 1

TEST NO. 1

K AND E DRILLING INCORPORATED

LEASE OWNER

WICHITA

OWNERS DISTRICT

Initial Closed In Time 20 Minutes			Date 10-11-59		LOCATION 7-335-11W
Tool Open 1st 5 / 2nd 90 Minutes			Ticket No. 194783		
Final Closed In Time 30 Minutes			HOWCO DISTRICT Kiowa		
Depth Top Gauge 3610 Ft. Blanked Off no			Kind of Job Open Hole		
BT. P.R.D. No 514 12 Hr. Clock		CONTRACTOR PRIME DRILLING COMPANY RIG # 3			
Pressure Readings Field Office Corrected		HOLE & TOOL DATA			
Initial Hydro Mud Pressure 1955 1926		Elevation 1402 D.F.		Top Packer Depth 3617'	
Initial Closed in Pres. 1175 1187		Total Depth 3635'		Bottom Packer Depth 3623	
Initial Flow Pres. - 14-8		Casing or Hole Size 7 7/8"		Size & Type Wall Packer 6 3/4" ESWP	
Final Flow Pres. 13 9-13		Liner or Rathole Size -		Size Bottom Choke 5/8"	
Final Closed in Pres. 1099 1095		Casing Perforations Top Bottom		Size Surface Choke 1"	
Final Hydro Mud Pressure 1908 1926		Interval Tested 12'		ID & Length Air Chamber -	
Depth Center Gauge 3631 Ft. Blanked Off yes		Formation Tested Douglas		ID & Length Drill Collars 126' x 2 1/4"	
BT. P.R.D. No 1892 12 Hr. Clock		Est. Gauge Depth Temp. Calc. 110 F°		Size Drill Pipe 1" API FH	
Pressure Readings Field Office Corrected		MUD DATA Weight 10.3		Viscosity 39	
Initial Hydro Mud Pressure		All depths measured from 1402 D.F.		No...Folders Reproduced	
Initial Closed in Pres.		REMARKS: Tool opened for 5 minutes first flow.			
Initial Flow Pres.		Rotated tool for 20 Minutes Initial			
Final Flow Pres.		closed in pressure. Tool opened			
Final Closed in Pres.		with a weak blow throughout test.			
Final Hydro Mud Pressure		No gas to the surface.			
Depth Bottom Gauge Ft. Blanked Off					
BT. P.R.D. No Hr. Clock					
Pressure Readings Field Office Corrected					
Initial Hydro Mud Pressure					
Initial Closed in Pres.		Recovered 30 Feet of		drilling mud	
Initial Flow Pres.		Recovered Feet of			
Final Flow Pres.		Recovered Feet of			
Final Closed in Pres.		Recovered Feet of			
Final Hydro Mud Pressure		Wayne T. Brinegar		Witnessed By	
Amount-Type of Cushion -		Tester J. H. Boydston			

RHODES POOL

COUNTY

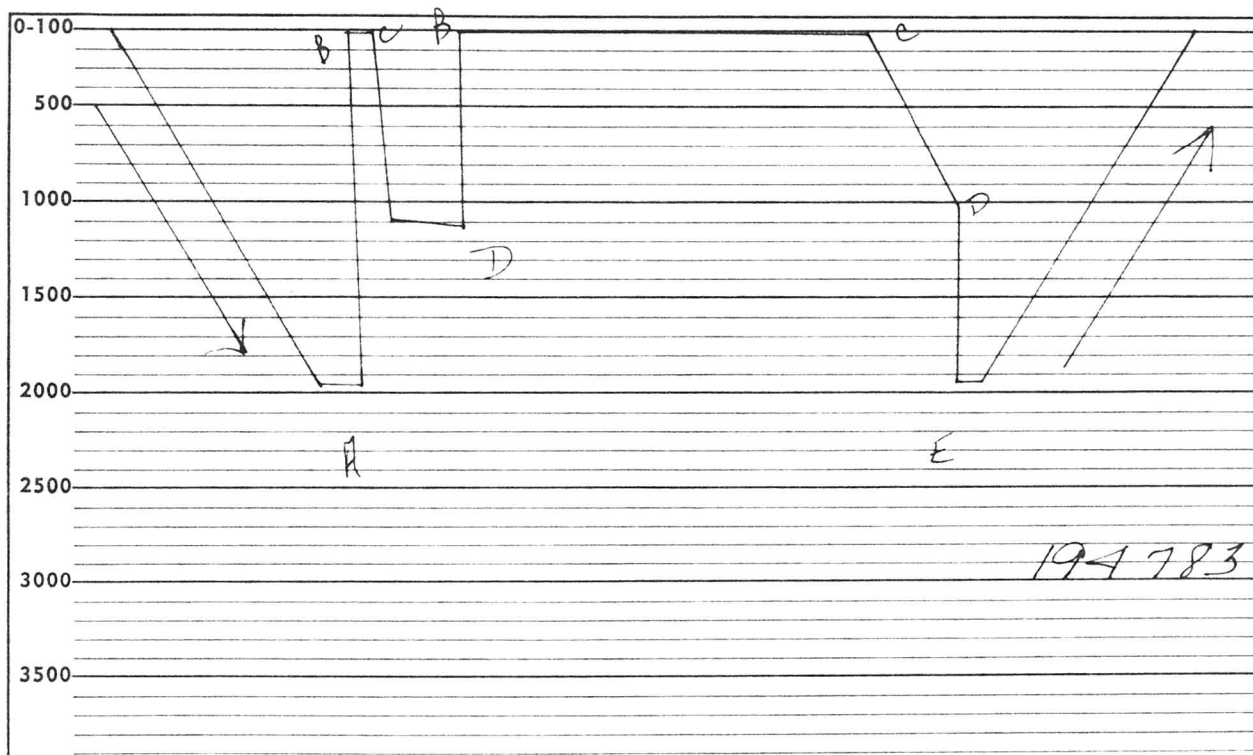
BARBER

STATE

KANSAS

PRESSURE

TIME



A—Initial Mud Weight
B—Initial Flow
C—Final Flow
D—Closed In Pressure
E—Final Mud Weight

HOWCO 1383—LITTLE'S 58248 5M 5/59

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

Initial Hydro Mud Pressure		Time	PSI	Ticket No. 194783 Lease FITZGERALD Well No. 1 Test No. 1 BT No. 514 Depth 3610' 12 Hr. Clock No. 3226 Temperature Corrected to Calc. 110° F
1st	Initial Flow		14	
	Final Flow	5 Minutes	9	
Initial Closed In Pressure		20 Minutes	1187	
2nd	Initial Flow		8	
	Final Flow	90 Minutes	13	
Final Closed In Pressure		30 Minutes	1095	
Final Hydro Mud Pressure			1926	

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.
P0			.000	9	.000	8	.000	13
P1			.013	371	.620	13	.0215	201
P2			.026	725			.043	358
P3			.039	945			.0645	516
P4			.052	1072			.086	645
P5			.065	1136			.1075	766
P6			.078	1163			.129	884
P7			.091	1178			.1505	964
P8			.104	1181			.172	1021
P9			.117	1184			.1935	1067
P10			.130	1187			.215	1095
	Minute Intervals		3	Minute Intervals	Minute Intervals		3	Minute Intervals

Remarks:

Company **K + E Oil Co.** Pressure Device No. **1892** Date **10-11-59** 19
Location **sec 7-33-11 Fitzgerald** Well **1** Packer Depth **3623** Testing Ticket No. **T194783**

lapping outside.

P



THREE HOURS

THREE HOURS

THREE HOURS

THREE HOURS

Halliburton Oil Well Cementing Co.
Duncan, Oklahoma

FITZGERALD

LEASE NAME

I

WELL NO.

2

TEST NO.

K. & E. DRILLING, INCORPORATED

LEASE OWNER

WICHITA

OWNERS DISTRICT

Initial Closed In Time 20 Minutes			Date 10-11-59		
Tool Open 1st 5 / 2nd 60 Minutes			Ticket No. 194784		
Final Closed In Time 30 Minutes			HOWCO DISTRICT KIOWA		
Depth Top Gauge 3631' Ft.		Blanked Off NO		Kind of Job OPEN HOLE TEST	
BT. P.R.D. No 514		12 Hr. Clock			
Pressure Readings Field		Office Corrected		CONTRACTOR PRIME DRLG. CO.	
Initial Hydro Mud Pressure		1958		HOLE & TOOL DATA	
Initial Closed in Pres.		1165		Elevation 1402'	Top Packer Depth 3624'
Initial Flow Pres.		509 489		Total Depth 3650'	Bottom Packer Depth 3630'
Final Flow Pres.		480		Casing or Hole Size 7 7/8"	Size & Type Wall Packer 6 3/4" ESA
Final Closed in Pres.				Liner or Rathole Size 7 7/8"	Size Bottom Choke 5/8"
Final Hydro Mud Pressure		1958		Casing Perforations Top Bottom	Size Surface Choke 1"
Depth Center Gauge 3645' Ft.		Blanked Off YES		Interval Tested 3630' TO 3650'	ID & Length Air Chamber -
BT. P.R.D. No 1892		12 Hr. Clock		Formation Tested DOUGLAS	ID & Length Drill Collars -
Pressure Readings Field		Office Corrected		Est. Gauge Depth Temp. 100 F°	Size Drill Pipe 4 1/2" API FH
Initial Hydro Mud Pressure				MUD DATA Weight 10	Viscosity 46
Initial Closed in Pres.				All depths measured from DERRICK FLOOR	No. Folders Reproduced 5
Initial Flow Pres.				REMARKS: Interval tested from 3630' to 3650'	
Final Flow Pres.				in the Douglas. Tool opened @ 5:30 P. M. with	
Final Closed in Pres.				a fair blow, I.C.I.P. taken @ 5:35 P. M.,	
Final Hydro Mud Pressure				reopened @ 5:55 P. M. with a fair blow and	
Depth Bottom Gauge Ft.		Blanked Off		increasing to good blow, with gas to surface	
BT. P.R.D. No		Hr. Clock		in 18 minutes, closed in pressure taken @ 6:55	
Pressure Readings Field		Office Corrected		P. M., and started off bottom @ 7:25 P. M.	
Initial Hydro Mud Pressure				MISRUN WAS CHARGED MUD IN DRILL PIPE.	
Initial Closed in Pres.				HIT BRIDGE 15 1/2" STANDS OFF BOTTOM-SPUDDED-	
Initial Flow Pres.				OPENED TOOL & SKIDED THRU-HAD 4' CANES IN HOLE	
Final Flow Pres.				Recovered Feet of	
Final Closed in Pres.				Recovered 980' Feet of	SLIGHT GAS CUT MUD
Final Hydro Mud Pressure				Recovered Feet of	
Amount-Type of Cushion NONE		Witnessed By MR. WAYNE L. BRINEGAR		Tester J. H. BOYDSTON	

LOCATION SEC: CE-12-SE-SW4 7-33s-11W

FIELD

N RHODES POOL

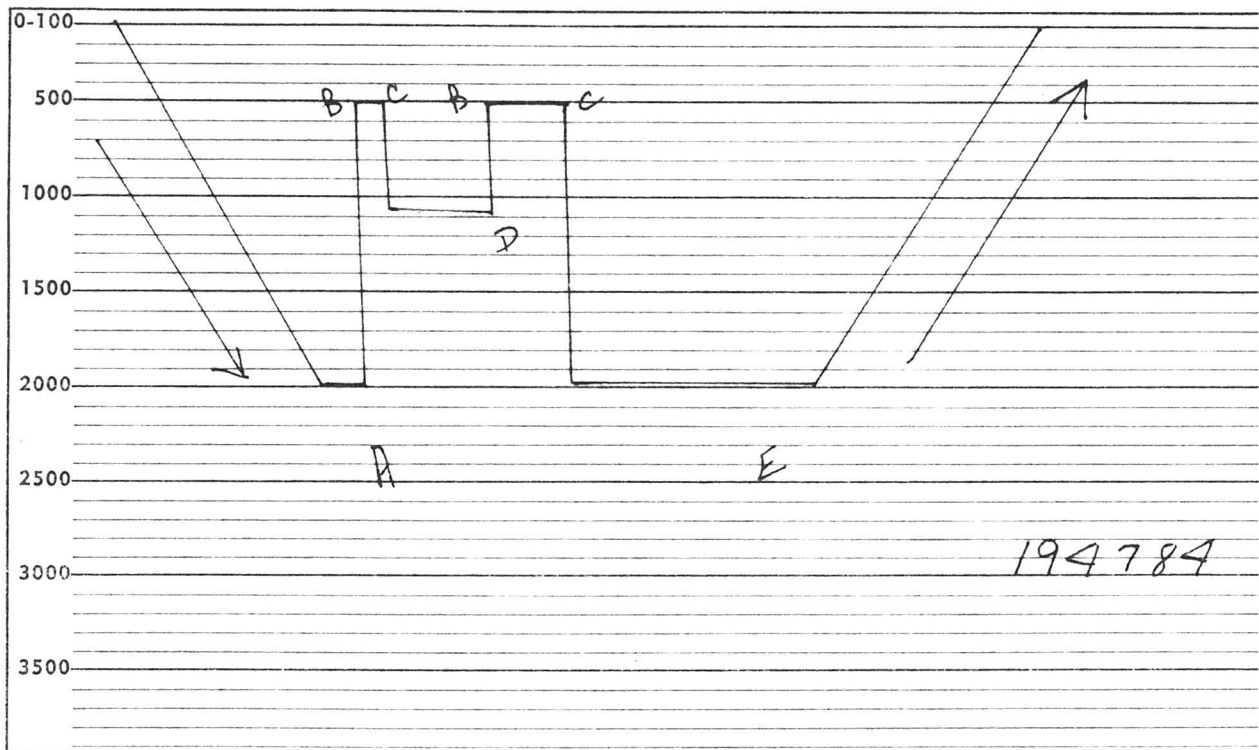
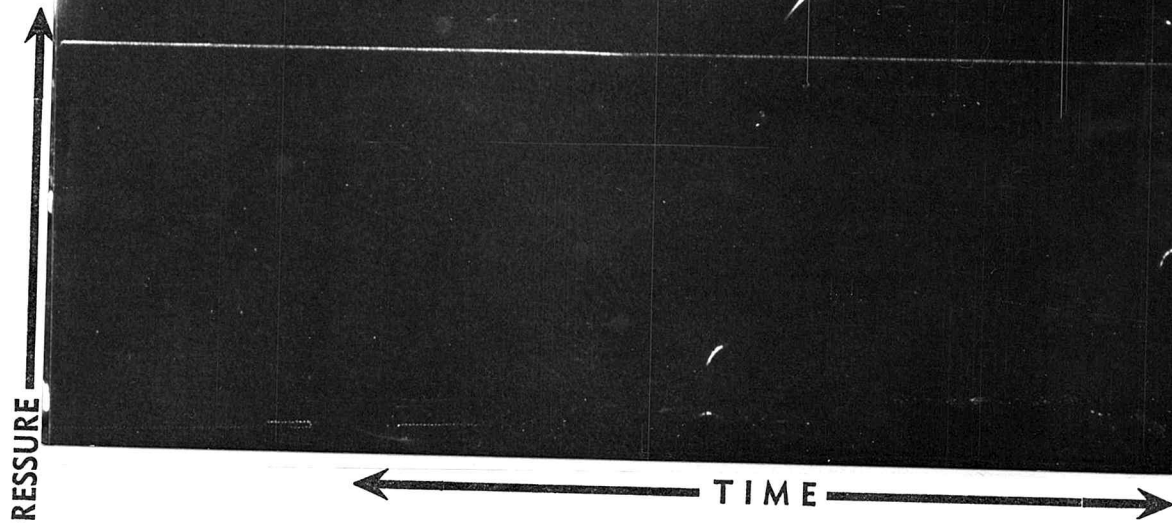
COUNTY

BARBER

STATE

KANSAS

194784



194784

- A—Initial Mud Weight
- B—Initial Flow
- C—Final Flow
- D—Closed In Pressure
- E—Final Mud Weight

Company

K + C Drilling Co.

Pressure
Device No.

1892

Date

10-11-59

19

Location

Sec 7-33-11 Fitzgerald 1

Packer
Depth

3630

Testing
Ticket No.

T 194784

lapping outside.

0-100

-500

-1000

-1500

-2000

-2500

-3000

-3500

-4000

-4500

-5000

THREE HOURS

THREE HOURS

THREE HOURS

THREE HOURS

Halliburton Oil Well Cementing Co.

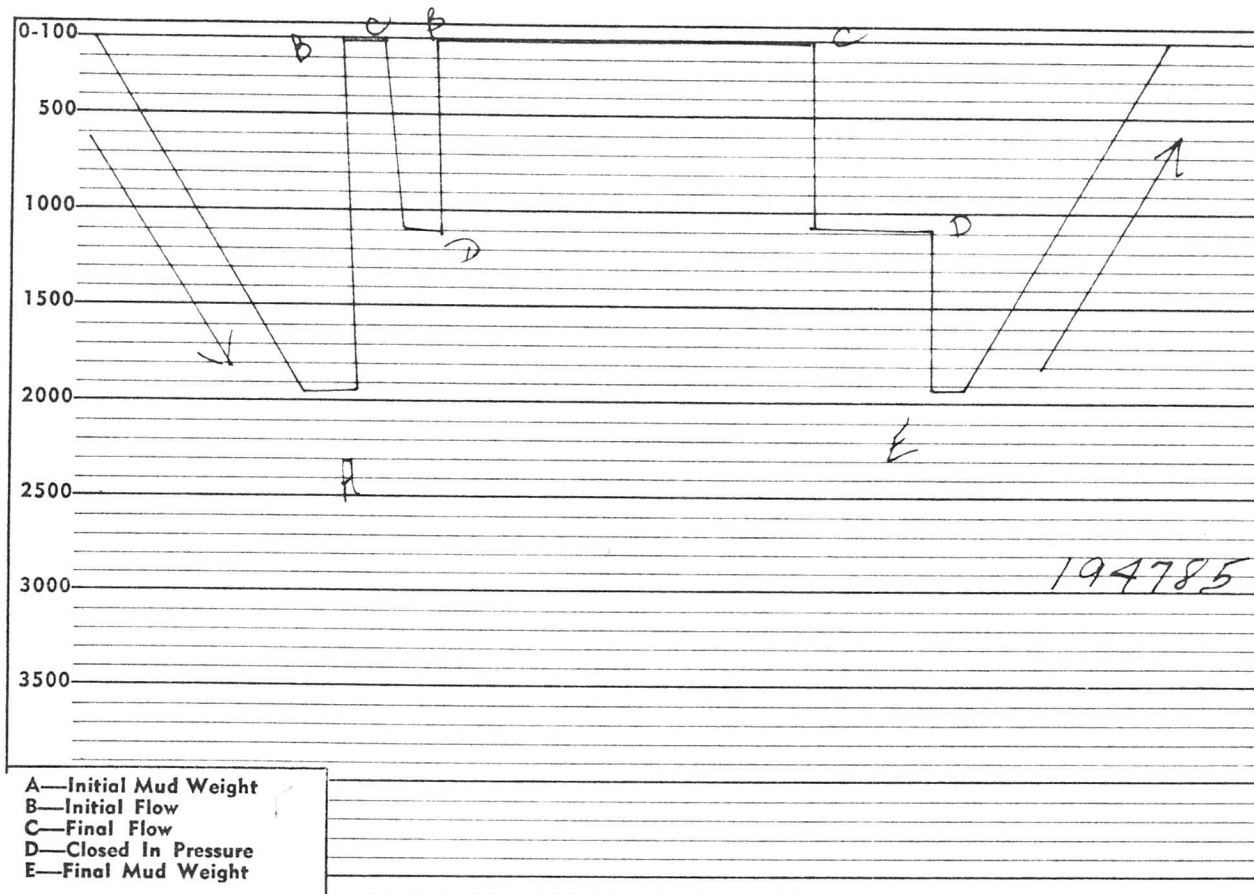
Duncan, Oklahoma

Initial Closed In Time 20 Minutes			Date 10-12-59		LOCATION 7-335-11W
Tool Open 1st 5 / 2nd 90 Minutes			Ticket No. 1947851		
Final Closed In Time 30 Minutes			HOWCO DISTRICT Kiowa		
Depth Top Gauge 3631 Ft.			Kind of Job Open Hole		
BT. P.R.D. No 514		12 Hr. Clock		CONTRACTOR PRIME DRILLING COMPANY	
Pressure Readings Field		Office Corrected		HOLE & TOOL DATA	
Initial Hydro Mud Pressure 2000		1963		Elevation 1402 D.F. Top Packer Depth 3624'	
Initial Closed in Pres. 1160		1158		Total Depth 3650' Bottom Packer Depth 3630'	
Initial Flow Pres. 48		53-53		Casing or Hole Size 7 7/8" Size & Type Wall Packer 6 3/4"	
Final Flow Pres. 110		53-108		Liner or Rathole Size - Size Bottom Choke 5/8"	
Final Closed in Pres. 1130		1136		Casing Perforations Top Bottom Size Surface Choke 1"	
Final Hydro Mud Pressure 1970		1952		Interval Tested 3630-3650' ID & Length Air Chamber -	
Depth Center Gauge 3645 Ft.		Blanked Off yes		Formation Tested Douglas ID & Length Drill Collars 2 1/4" x 126'	
BT. P.R.D. No 1892		12 Hr. Clock		Est. Gauge Depth Temp. Calc. 110 F° Size Drill Pipe 4" API FH	
Pressure Readings Field		Office Corrected		MUD DATA Weight 10 Viscosity 61	
Initial Hydro Mud Pressure				All depths measured from 1402 D.F. No...Folders Reproduced 5	
Initial Closed in Pres.				REMARKS: Tool opened for 5 minutes first flow.	
Initial Flow Pres.				Rotated tool for 20 Minutes Initial closed in	
Final Flow Pres.				pressure. Tool opened with good blow. Gas	
Final Closed in Pres.				to the surface in 5 minutes. Estimated gauge	
Final Hydro Mud Pressure				15 minutes-164,000 CF, 30 Minutes-240,000,	
Depth Bottom Gauge Ft.		Blanked Off		45 Minutes 258,000, 60 minutes 310,000, 75	
BT. P.R.D. No		Hr. Clock		minutes-325,000, 90 minutes, 340,000, 105	
Pressure Readings Field		Office Corrected		minutes and 120 Minutes 340,000	
Initial Hydro Mud Pressure				52 gallons	
Initial Closed in Pres.				Recovered 126 Feet of salty oil-gas cut mud	
Initial Flow Pres.				40 gallons	
Final Flow Pres.				Recovered 90 Feet of heavily oil-gas cut mud	
Final Closed in Pres.				5 gallons	
Final Hydro Mud Pressure				Recovered 25 Feet of oil cut salt water	
Amount-Type of Cushion -				Recovered 100 Feet of salt water 21 gallons	
				Jack Brown	
				Witnessed By	
				J. H. Boydston	
				Tester	

FIELD RHODES COUNTY BARBER STATE KANSAS

↑
PRESSURE
↓

← TIME →



HOWCO 1383—LITTLE'S 59248 SM 5/59

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

Initial Hydro Mud Pressure		Time	PSI		Ticket No. 194785			
			1963					
1st	Initial Flow		53		Lease FITZGERALD			
	Final Flow	5 Minutes	53					
Initial Closed In Pressure		20 Minutes	1158		Well No. 1 Test No. 3			
2nd	Initial Flow		53		BT No. 514 Depth 3631'			
	Final Flow	90 Minutes	108		12 Hr. Clock No. 3226			
Final Closed In Pressure		30 Minutes	1136		Temperature Corrected to Calc. 110 F			
Final Hydro Mud Pressure			1952					
1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP		
	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.
PO			.000	53	.000	53	.000	108
P1			.0135	515	.814	108	.021	1078
P2			.027	936			.042	1103
P3			.0405	1086			.063	1118
P4			.054	1133			.084	1126
P5			.0675	1147			.105	1129
P6			.081	1152			.126	1132
P7			.0945	1153			.147	1133
P8			.108	1155			.168	1135
P9			.1215	1156			.189	1136
P10			.135	1158			.210	1136
	Minute Intervals		2	Minute Intervals	Minute Intervals		3	Minute Intervals

Remarks:

Company

K+E Drilling Co

Pressure

Device No.

1892

Date

10-12-59

19

Location

7-33-11 Fitzgerald

Well

No.

1

Packer

Depth

3630

Testing

Ticket No.

T194785

lapping outside.

0-100

-500

-1000

-1500

-2000

-2500

-3000

-3500

-4000

-4500

-5000

THREE HOURS

THREE HOURS

THREE HOURS

THREE HOURS

Halliburton Oil Well Cementing Co.

Duncan, Oklahoma

FITZGERALD
LEASE NAME

WELL NO. 1

TEST NO. 1

K & E DRILLING INCORPORATED
LEASE OWNERWICHITA
OWNERS DISTRICT

Initial Closed In Time 20 Minutes				Date 10-18-59	
Tool Open 1st 4 / 2nd 60 Minutes				Ticket No. 194787	
Final Closed In Time 20 Minutes				HOWCO DISTRICT Kiowa	
Depth Top Gauge 4410 Ft.				Kind of Job Open Hole	
Blanked Off No		CONTRACTOR PRIME DRILLING COMPANY			
BT. P.R.D. No 514		HOLE & TOOL DATA			
Pressure Readings Field		Office Corrected			
Initial Hydro Mud Pressure 2440		Elevation 1402' DF Top Packer Depth -			
Initial Closed in Pres. 1725		Total Depth 4440' Bottom Packer Depth 4422'			
Initial Flow Pres. 63		Casing or Hole Size 7 7/8" Size & Type Wall Packer 6 3/4"			
Final Flow Pres. 125		Liner or Rathole Size - Size Bottom Choke 5/8"			
Final Closed in Pres. 1665		Casing Perforations Top Bottom Size Surface Choke 1"			
Final Hydro Mud Pressure 2396		Interval Tested 4422-4440' ID & Length Air Chamber Dual CIP			
Depth Center Gauge Ft.		Formation Tested Mississippi ID & Length Drill Collars 2 1/4 x 126'			
BT. P.R.D. No		Est. Gauge Depth Temp. Calc. 110 F° Size Drill Pipe 4" FH			
Pressure Readings Field		MUD DATA Weight 10.1 Viscosity 47			
Initial Hydro Mud Pressure		All depths measured from 1402 Derrick Floor No...Folders Reproduced 5			
Initial Closed in Pres.		REMARKS: Tool opened for a 4 minute First			
Initial Flow Pres.		Flow with gas to the surface in 2 1/2 minutes.			
Final Flow Pres.		Rotated tool for a 20 minute Initial Closed			
Final Closed in Pres.		in Pressure. Tool re-opened, gauges 497,000			
Final Hydro Mud Pressure		Cu. Ft. for 5 minutes; 606,000 for 15 minutes;			
Depth Bottom Gauge 4435 Ft.		606,000 Cu. Ft. for 30 minutes; 597,000 Cu.			
Blanked Off Yes		Ft. for 45 minutes. Took a 20 minute Final			
BT. P.R.D. No 1892		Closed in Pressure.			
Pressure Readings Field		Office Corrected			
Initial Hydro Mud Pressure		Recovered 5 Feet of Heavy gas cut mud			
Initial Closed in Pres.		slightly oil cut			
Initial Flow Pres.		Recovered 90 Feet of Heavy oil & gas cut mud			
Final Flow Pres.		Recovered 120 Feet of Mud cut oil			
Final Closed in Pres.		Recovered Feet of			
Final Hydro Mud Pressure		Witnessed By Jack H. Brown			
Amount-Type of Cushion -		Tester J.H. Boydston			

LOCATION CE 2 SE SW SEC 7-335-11W

FIELD

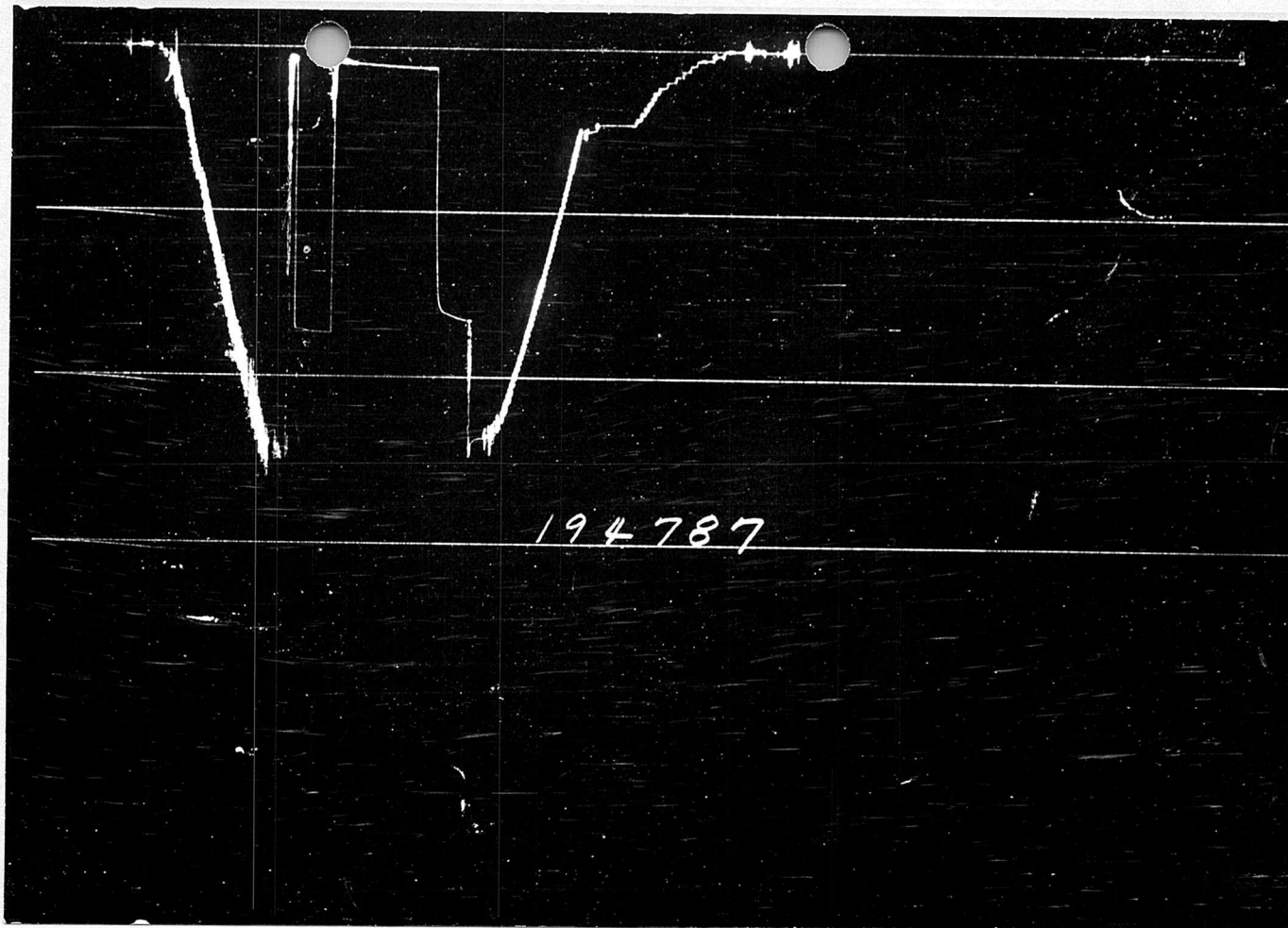
N. RHODES POOL

COUNTY

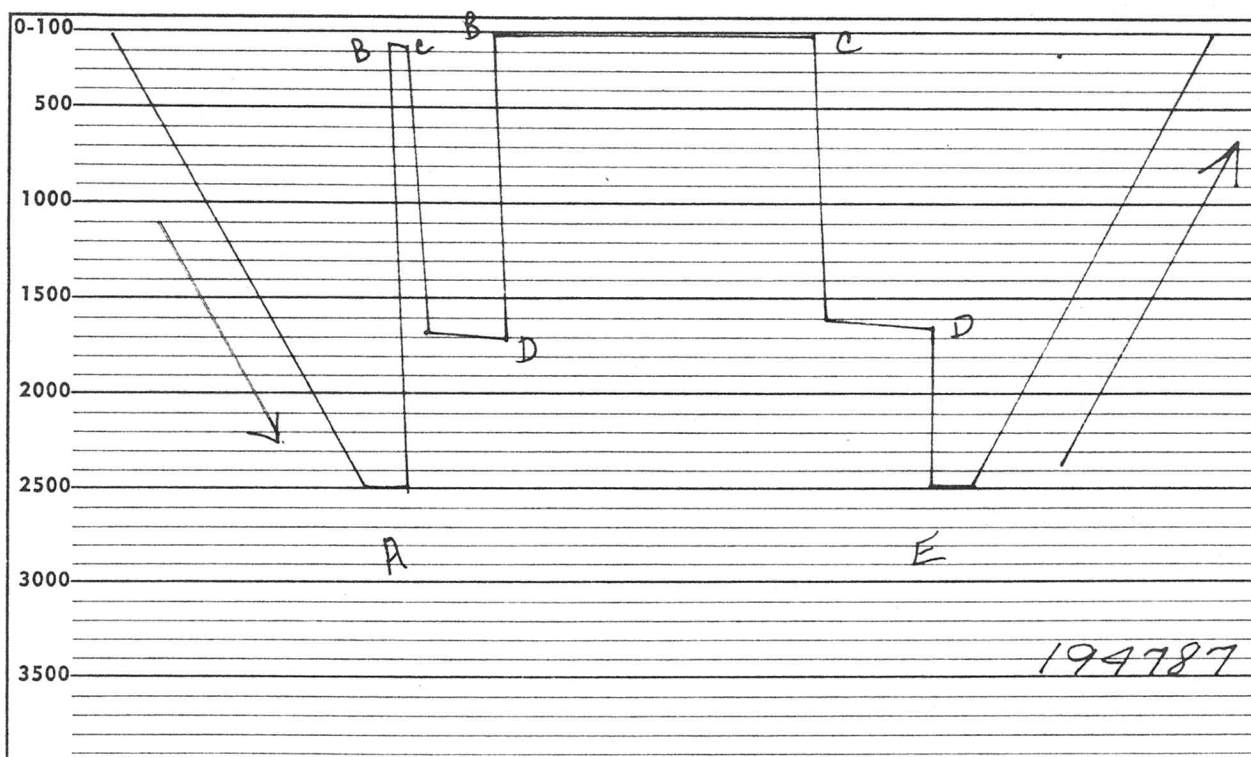
BARBER

STATE KANSAS

↑
PRESSURE
↓



← TIME →



- A—Initial Mud Weight
- B—Initial Flow
- C—Final Flow
- D—Closed In Pressure
- E—Final Mud Weight

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

Company

K+E Drilling Inc

Pressure
Device No.

1892

Date

10-18-59

19

Location

Le 7-335-11A

Well

Fitzgerald I

Packer
Depth

4422

Testing
Ticket No

7194787

lapping outside.

p



THREE HOURS

THREE HOURS

THREE HOURS

THREE HOURS

Halliburton Oil Well Cementing Co.

Duncan, Oklahoma

	Time	PSI	
Initial Hydro Mud Pressure		2433	Ticket No. <u>194787</u>
1st Initial Flow		UNABLE TO READ	
1st Final Flow	<u>4 Minutes</u>	79	Lease <u>FITZGERALD</u>
Initial Closed In Pressure	<u>20 Minutes</u>	1739	Well No. <u>1</u> Test No. <u>4</u>
2nd Initial Flow		90	BT No. <u>514</u> Depth <u>4410'</u>
2nd Final Flow	<u>60 Minutes</u>	123	12 Hr. Clock No. <u>2486</u>
Final Closed In Pressure	<u>20 Minutes</u>	1661	Temperature Corrected to Calc. <u>110</u> ° F
Final Hydro Mud Pressure		2371	

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.
PO			QUESTIONABLE .000	79	QUESTIONABLE .000	90	.000	123
P1			.015	1716	.100	97	.0145	1416
P2			.030	1718	.200	108	.029	1587
P3			.045	1725	.300	118	.0435	1613
P4			.060	1730	.400	123	.058	1620
P5			.075	1733			.0725	1630
P6			.090	1735			.087	1640
P7			.105	1736			.1015	1647
P8			.120	1738			.116	1653
P9			.135	1739			.1305	1658
P10			.150	1739			.145	1661
		Minute Intervals	2	Minute Intervals	15	Minute Intervals	2	Minute Intervals

Remarks: