

Flow Time	1st 29	Min.	2nd 61	Min.	Date	1-9-68	Ticket Number	485930 - S
Closed In Press. Time	1st 32	Min.	2nd 31	Min.	Kind of Job	OPEN HOLE	Halliburton District	WINFIELD
Pressure Readings	Field		Office Corrected		Tester	MR. CASPERSON	Witness	MR. COLLINS
Depth Top Gauge	1672	Ft.	NO	Blanked Off	Drilling Contractor	WHITE & ELLIS DRILLING INCORPORATED	IC	
BT. P.R.D. No.	537		12	Hour Clock	Elevation	1379' K.B.	Top Packer	-
Initial Hydro Mud Pressure	865		853		Total Depth	1780'	Bottom Packer	1670'
Initial Closed in Pres.	730		736		Interval Tested	1670' - 1780'	Formation Tested	LANSING
Initial Flow Pres.	0	1	5		Casing or Hole Size	7 7/8"	Casing Perfs.	Top
	54	2	55					Bot.
Final Flow Pres.	54	1	47		Surface Choke	1/4"	Bottom Choke	3/4"
	85	2	84					
Final Closed in Pres.	712		712		Size & Kind Drill Pipe	4 1/2"	Drill Collars Above Tester	I.D. - LENGTH 2 1/4" x 110'
Final Hydro Mud Pressure	-		847		Mud Weight	10	Mud Viscosity	45
Depth Gen. Gauge		Ft.		Blanked Off	Temperature	80	Anchor Size & Length	ID 4" OD 4 1/2" X 110'
BT. P.R.D. No.				Hour Clock	Depths Mea. From	GROUND LEVEL	Depth of Tester Valve	1665' Ft.
Initial Hydro Mud Pres.					TYPE AMOUNT		Depth Back Pres. Valve	Ft.
Initial Closed in Pres.					Cushion	-		
Initial Flow Pres.		1			Recovered	175	Feet of Oil specked mud with a trace of formation water	Mea. From Tester Valve
Final Flow Pres.		2			Recovered		Feet of	
Final Closed in Pres.		1			Recovered		Feet of	
Final Hydro Mud Pres.		2			Recovered		Feet of	
Depth Bot. Gauge	1776	Ft.	YES	Blanked Off	Oil A.P.I. Gravity	-	Water Spec. Gravity	-
BT. P.R.D. No.	291		12	Hour Clock	Gas Gravity	-	Surface Pressure	- psi
Initial Hydro Mud Pres.	909		917		Tool Opened	6:15 PM	A.M. P.M. Tool Closed	8:17 PM A.M. P.M.
Initial Closed in Pres.	801		799		Remarks Opened tool for 29 minute 1st flow with a fair blow. Closed tool for 32 minute initial			
Initial Flow Pres.	63	1	65		closed in pressure. Reopened tool for 61 minute			
	108	2	116					
Final Flow Pres.	108	1	108		2nd flow with a fair blow throughout test.			
	145	2	143					
Final Closed in Pres.	775		774		Closed tool for 31 minute final closed in pressure.			
Final Hydro Mud Pres.	-		910					

FORMATION TEST DATA

SPECIAL PRESSURE DATA

Legal Location Sec. - Twp. - Rng. SEC. 7 - 26S - 5E

Lease Name ANDERSON 29

Well No. 660 E & 660S CENTER

Test No. 1

Field Area EL DORADO

County BUTLER

State KANSAS

Lease Owner/Company Name CITIES SERVICE OIL COMPANY

Owner's District EL DORADO

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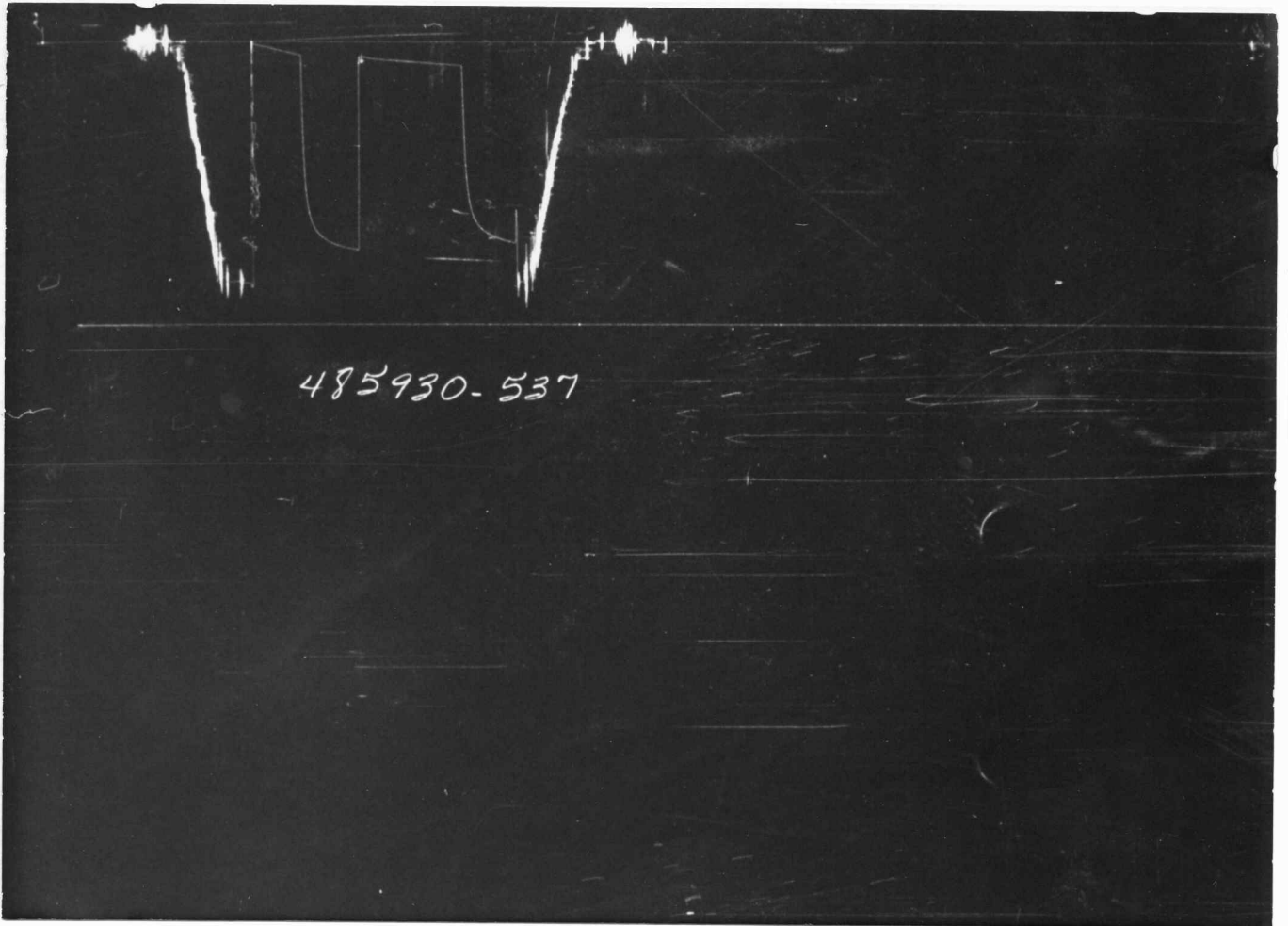
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Gauge No.		537		Depth		1672'		Clock		12 hour		Ticket No.		485930	
First Flow Period			Initial Closed In Pressure			Second Flow Period			Final Closed In Pressure						
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{e}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{e}$	PSIG Temp. Corr.					
P <sub>0</sub>	.000	5	.000		47	.000	55	.000		84					
P <sub>1</sub>	.0403	14	.0286		579	.1006	64	.0207		493					
P <sub>2</sub>	.0807	23	.0572		663	.2011	70	.0414		603					
P <sub>3</sub>	.1210	32	.0858		692	.3017	78	.0621		645					
P <sub>4</sub>	.1614	41	.1144		709	.4090	84**	.0828		665					
P <sub>5</sub>	.1950	47*	.1430		719			.1035		679					
P <sub>6</sub>			.1716		726			.1243		689					
P <sub>7</sub>			.2002		733			.1450		696					
P <sub>8</sub>			.2290		736			.1657		702					
P <sub>9</sub>								.1864		706					
P <sub>10</sub>								.2140		712***					

Gauge No.		291		Depth		1776'		Clock		12 hour	
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{e}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{e}$	PSIG Temp. Corr.	
P <sub>0</sub>	.000	65	.000		108	.000	116	.000		143	
P <sub>1</sub>	.042	75	.0276		652	.0996	125	.020		559	
P <sub>2</sub>	.084	84	.0552		729	.1992	131	.040		665	
P <sub>3</sub>	.126	93	.0828		757	.2988	137	.0601		705	
P <sub>4</sub>	.168	101	.1104		774	.4050	143**	.0801		728	
P <sub>5</sub>	.203	108*	.1380		783			.1002		742	
P <sub>6</sub>			.1656		790			.1202		751	
P <sub>7</sub>			.1932		796			.1402		759	
P <sub>8</sub>			.2210		799			.1603		764	
P <sub>9</sub>								.1803		770	
P <sub>10</sub>								.2070		774***	
Reading Interval		6		4		15		3		Minutes	

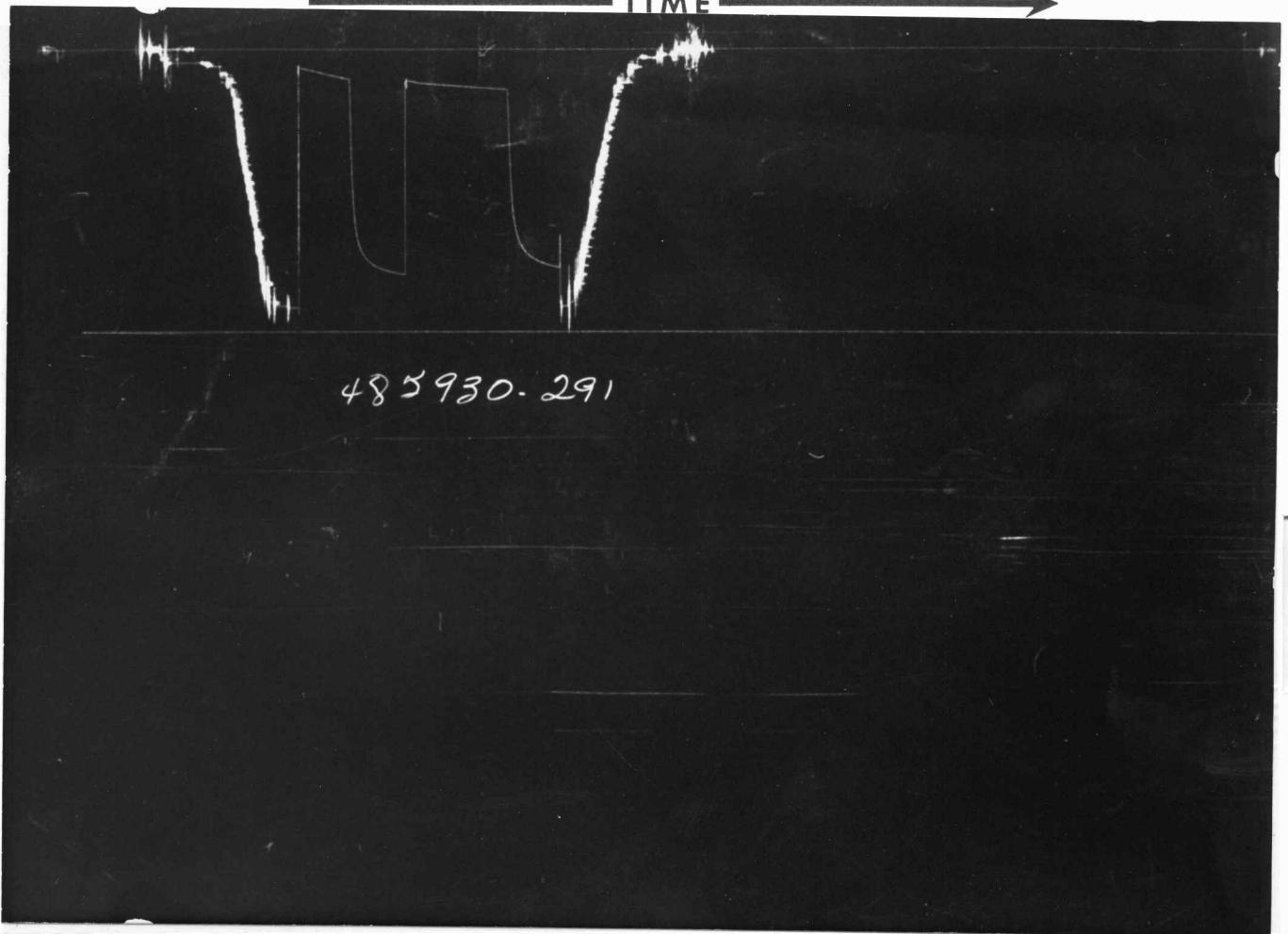
REMARKS: \*Last interval equal to 5 minutes. \*\*Last interval equal to 16 minutes.  
 \*\*\*Last interval equal to 4 minutes.

**SPECIAL PRESSURE DATA**



↑  
PRESSURE  
↓

← TIME →



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