

15-097-19009

4-29-18w

Flow Time	1st 10	Min.	2nd 60	Min.	Date	6-18-62	Ticket Number	331807 S
Closed In Press. Time	1st 30	Min.	2nd 30	Min.	Kind of Job	Open hole test	Halliburton District	Pratt
Pressure Readings	Field		Office Corrected		Tester	Parks	Witness	Williams
Depth Top Gauge	3553	Ft.	NO	Blanked Off	Drilling Contractor	Company tools		
BT. P.R.D. No.	1375		12	Hour Clock	Elevation	2274'	Top Packer	3561'
Initial Hydro Mud Pressure	1850		1854		Total Depth	3615'	Bottom Packer	3565'
Initial Closed in Pres.	1000		998		Interval Tested	3565' - 3615'	Formation Tested	Wabaunsee
Initial Flow Pres.	45		1 24 2 62		Casing or Hole Size	7 7/8"	Casing Perfs. { Top Bot.	-
Final Flow Pres.	120		1 47 2 125		Surface Choke	1"	Bottom Choke	5/8"
Final Closed in Pres.	1190		1191		Size & Kind Drill Pipe	4 1/2" FH	Drill Collars Above Tester	-
Final Hydro Mud Pressure	1740		1849		Mud Weight	9.8	Mud Viscosity	42
Depth Cen. Gauge		Ft.		Blanked Off	Temperature	100 °F Est. °F Actual	Anchor Size & Length	ID 3.72" OD 5.0" X 50'
BT. P.R.D. No.				Hour Clock	Depths Mea. From	Kelly Bushings	Depth of Tester Valve	3549' Ft.
Initial Hydro Mud Pres.					TYPE	AMOUNT	Depth Back Pres. Valve	3545' Ft.
Initial Closed in Pres.					Cushion	-		
Initial Flow Pres.		1			Recovered	300	Feet of Gas cut mud	
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	3611	Ft.	YES	Blanked Off	Oil A.P.I. Gravity	-	Water Spec. Gravity	-
BT. P.R.D. No.	310		12	Hour Clock	Gas Gravity	-	Surface Pressure	- psi
Initial Hydro Mud Pres.	1880		1884		Tool Opened	10:58 A.M. P.M.	Tool Closed	11:08 A.M. P.M.
Initial Closed in Pres.	1020		1022		Remarks	Opened tool for 10 minute 1st flow		
Initial Flow Pres.	70		1 56 2 83			with fair blow. Closed tool for 30 min.		
Final Flow Pres.	130		1 74 2 139			initial closed in pressure. Reopened		
Final Closed in Pres.	1190		1202			tool for 60 minute 2nd flow in 37 min.;		
Final Hydro Mud Pres.	1840		1883			not enough to measure. Closed tool for		
						30 minute final closed in pressure.		

FORMATION TEST DATA

5

KOEHN

Lease Name

1

Well No.

1

Test No.

AYWARD DRILLING COMPANY

Lease Owner/Company Name

WILDCAT

County

KIOWA

State

KANSAS

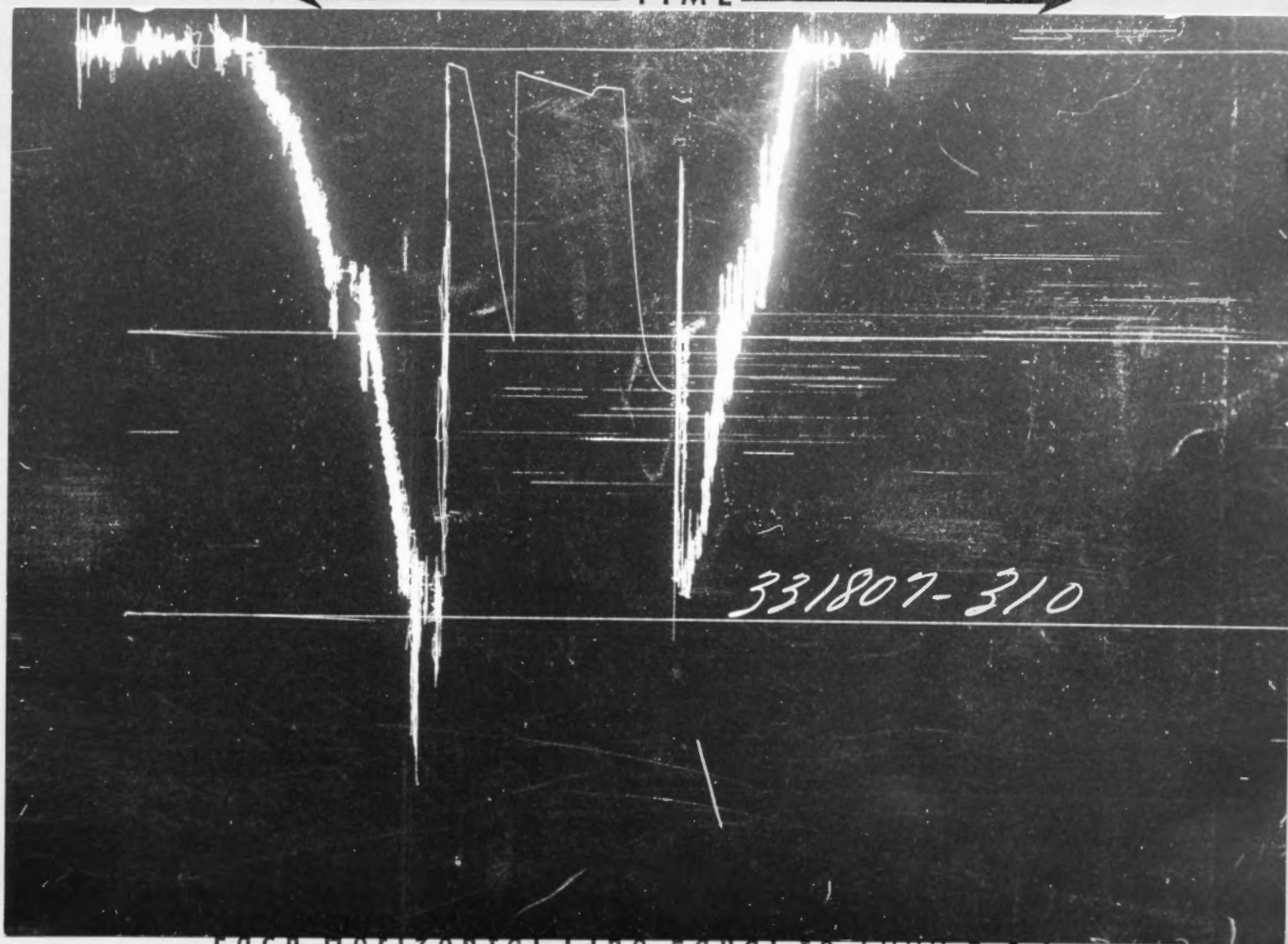
KANSAS
Owner's District

Gauge No. 1375			Depth 3553			Clock 12 hour		Ticket No. 331807		
First Flow Period			Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.
P ₀	.000	24	.000		47	.000	62	.000		125
P ₁	.0154	27	.192		998	.102	88	.021		446
P ₂	.0308	33				.204	118	.042		699
P ₃	.0462	39				.306	123	.063		875
P ₄	.0616	42				.408	125	.084		1002
P ₅	.0770	47						.105		1082
P ₆								.126		1130
P ₇								.147		1158
P ₈								.168		1175
P ₉								.189		1185
P ₁₀								.210		1191

Gauge No. 310			Depth 3611			Clock 12 hour				
P ₀	.000	56	.000		74	.000	83	.000		139
P ₁	.0144	56	.205		1022	.106	108	.0226		401
P ₂	.0288	60				.212	136	.0452		648
P ₃	.0432	64				.318	137	.0678		852
P ₄	.0576	69				.424	139	.0904		992
P ₅	.0720	74						.1130		1085
P ₆								.1356		1138
P ₇								.1582		1169
P ₈								.1808		1187
P ₉								.2034		1196
P ₁₀								.2260		1202
Reading Interval 2						15		3 Minutes		
REMARKS:										

SPECIAL PRESSURE DATA

PRESSURE



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

Flow Time	1st 5	Min.	2nd 60	Min.	Date	6-25-62	Ticket Number	332210 S
Closed In Press. Time	1st 30	Min.	2nd 30	Min.	Kind of Job	Open hole test	Halliburton District	Pratt
Pressure Readings	Field		Office Corrected		Tester	Thompson	Witness	Charley Williams
Depth Top Gauge	4893	Ft.	NO	Blanked Off	Drilling Contractor	Company tools		
BT. P.R.D. No.	537		12	Hour Clock	Elevation	-	Top Packer	4907'
Initial Hydro Mud Pressure	2615		2602		Total Depth	4946'	Bottom Packer	4911'
Initial Closed in Pres.	1595		1595		Interval Tested	4911' - 4946'	Formation Tested	Mississippi
Initial Flow Pres.	185	1	290		Casing or Hole Size	7 7/8"	Casing { Top	
Final Flow Pres.	595	1	598		Surface Choke	1"	Perfs. { Bot.	-
Final Closed in Pres.	1595		1597		Size & Kind Drill Pipe	4 1/2" FH	Bottom Choke	5/8"
Final Hydro Mud Pressure	2595		2590		Mud Weight	10	I.D. - LENGTH	
Depth Cen. Gauge		Ft.		Blanked Off	Temperature	118	Anchor Size & Length	ID 3.37" x OD 5"
BT. P.R.D. No.				Hour Clock	Depths Mea. From	Kelly Bushings	Depth of Tester Valve	4895' Ft.
Initial Hydro Mud Pres.					TYPE	AMOUNT	Depth Back Pres. Valve	4890' Ft.
Initial Closed in Pres.					Cushion	-		
Initial Flow Pres.		1			Recovered	450	Feet of Gas cut mud, slight show	
Final Flow Pres.		2			Recovered		Feet of oil	
Final Closed in Pres.		1			Recovered	3600	Feet of Saltwater	
Final Hydro Mud Pres.		2			Recovered		Feet of	
Depth Bot. Gauge	4942	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.	2645		2625		Tool Opened	8:34	Tool Closed	9:34
Initial Closed in Pres.	1625		1615			A.M. P.M.		A.M. P.M.
Initial Flow Pres.	315	1	333		Remarks	Opened tool for 5 minute 1st flow with good		
Final Flow Pres.	650	2	621			blow. Closed tool for 30 minute initial closed in		
Final Closed in Pres.	1625		1617			pressure. Reopened tool for 60 minute 2nd flow with		
Final Hydro Mud Pres.	2625		2613			good blow diminishing to weak. Closed tool for 30		
						minute final closed in pressure.		

FORMATION TEST DATA

5

KOEHN

Lease Name

Well No.

Test No.

Field Area

WILDCAT

County

KIOWA

State

KANSAS

Owner's District

Legal Location

SEC. 4 - 29 - 18

Field Area

WILDCAT

County

KIOWA

State

KANSAS

Owner's District

Gauge No. 537			Depth 4893'			Clock 12 hour		Ticket No. 332210		
	First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
P ₀	.000	290	.000		598	.000	611	.000		1596
P ₁	.0066	340	.209		1595	.1075	1148	.214		1597
P ₂	.0132	424				.2150	1455			
P ₃	.0198	497				.3225	1580			
P ₄	.0264	565				.4300	1596			
P ₅	.0330	598								
P ₆										
P ₇										
P ₈										
P ₉										
P ₁₀										

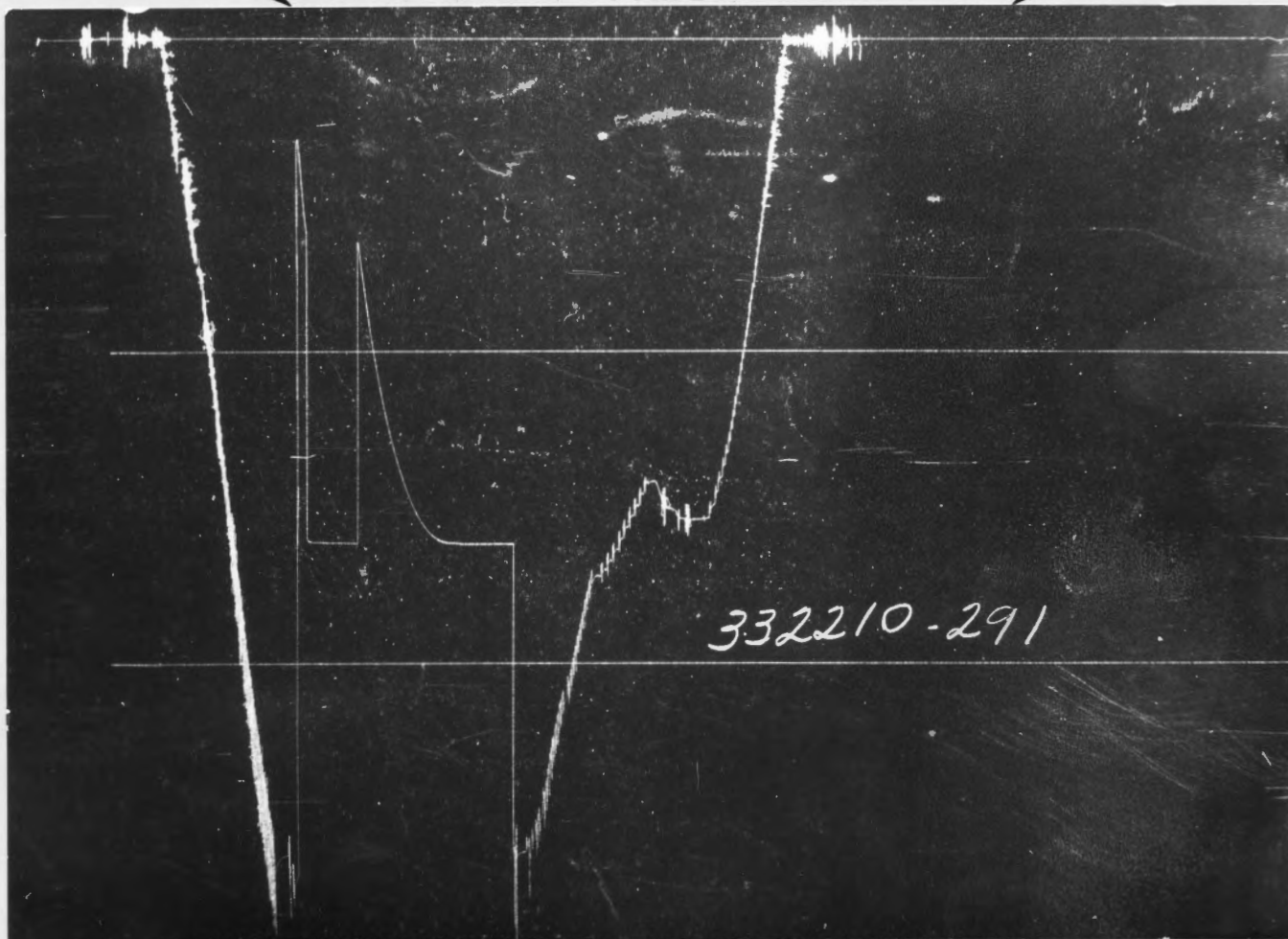
Gauge No. 291			Depth 4942'			Clock 12		hour		
P ₀	.000	333	.000		621	.000	657	.000		1616
P ₁	.0076	354	.0202		1611	.102	1173	.211		1617
P ₂	.0152	428	.0404		1611	.204	1468			
P ₃	.0228	506	.0606		1611	.306	1597			
P ₄	.0304	576	.0808		1613	.408	1616			
P ₅	.0380	621	.1010		1613					
P ₆			.1212		1614					
P ₇			.1414		1614					
P ₈			.1616		1615					
P ₉			.1818		1615					
P ₁₀			.2020		1615					
Reading Interval 1			3			15		Minutes		
REMARKS:										

SPECIAL PRESSURE DATA

PRESSURE



TIME



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