

Initial Closed In Time 30 Minutes			Date 3-27-60		LOCATION SW SE SW 5 25 5 FIELD EL DORADO COUNTY BUTLER STATE KANSAS
Tool Open 1st 5 / 60 2nd Minutes			Ticket No. 251204		
Final Closed In Time 30 Minutes			HOWCO DISTRICT El Dorado		
Depth Top Gauge Ft. Blanked Off no			Kind of Job Open Hole		
BT. P.R.D. No 537 12 Hr. Clock		CONTRACTOR CO. TOOLS			
Pressure Readings Field Office Corrected		HOLE & TOOL DATA			
Initial Hydro Mud Pressure 1205 1203		Elevation 1390' KB		Top Packer Depth 2447'	
Initial Closed in Pres. 695 679		Total Depth 2464'		Bottom Packer Depth 2454'	
Initial Flow Pres. 15 19-27		Casing or Hole Size 7 7/8"		Size & Type Wall Packer 6 3/4" ESA	
Final Flow Pres. 75 25-61		Liner or Rathole Size 7 7/8"		Size Bottom Choke 3/4"	
Final Closed in Pres. 682 663		Casing Perforations Top Bottom		Size Surface Choke 1/4"	
Final Hydro Mud Pressure 1178		Interval Tested 2454-2464'		ID & Length Air Chamber -	
Depth Center Gauge Ft. Blanked Off		Formation Tested Viola		ID & Length Drill Collars 2 3/8" x 82'	
BT. P.R.D. No Hr. Clock		Est. Gauge Depth Temp. C 100 F°		Size Drill Pipe 4 1/2 X Hole	
Pressure Readings Field Office Corrected		MUD DATA Weight 9.4		Viscosity 42	
Initial Hydro Mud Pressure		All depths measured from Kelly Bushing		No...Folders Reproduced 5	
Initial Closed in Pres.		REMARKS: Tool opened for a 5 minute First			
Initial Flow Pres.		Flow at 10:53 PM. Rotated for a 30 minute			
Final Flow Pres.		Initial Closed in Pressure. Tool re-			
Final Closed in Pres.		opened with a light blow. Took a 30			
Final Hydro Mud Pressure		minute Final Closed in Pressure.			
Depth Bottom Gauge 2459 Ft. Blanked Off yes					
BT. P.R.D. No 1814 12 Hr. Clock					
Pressure Readings Field Office Corrected					
Initial Hydro Mud Pressure					
Initial Closed in Pres.		Recovered 50		Feet of free oil	
Initial Flow Pres.		Recovered 30		Feet of mud	
Final Flow Pres.		Recovered 60		Feet of watery mud	
Final Closed in Pres.		Recovered		Feet of	
Final Hydro Mud Pressure		Witnessed By Harlan Dixon			
Amount-Type of Cushion		Tester EL Sanders .			

DUNKLE

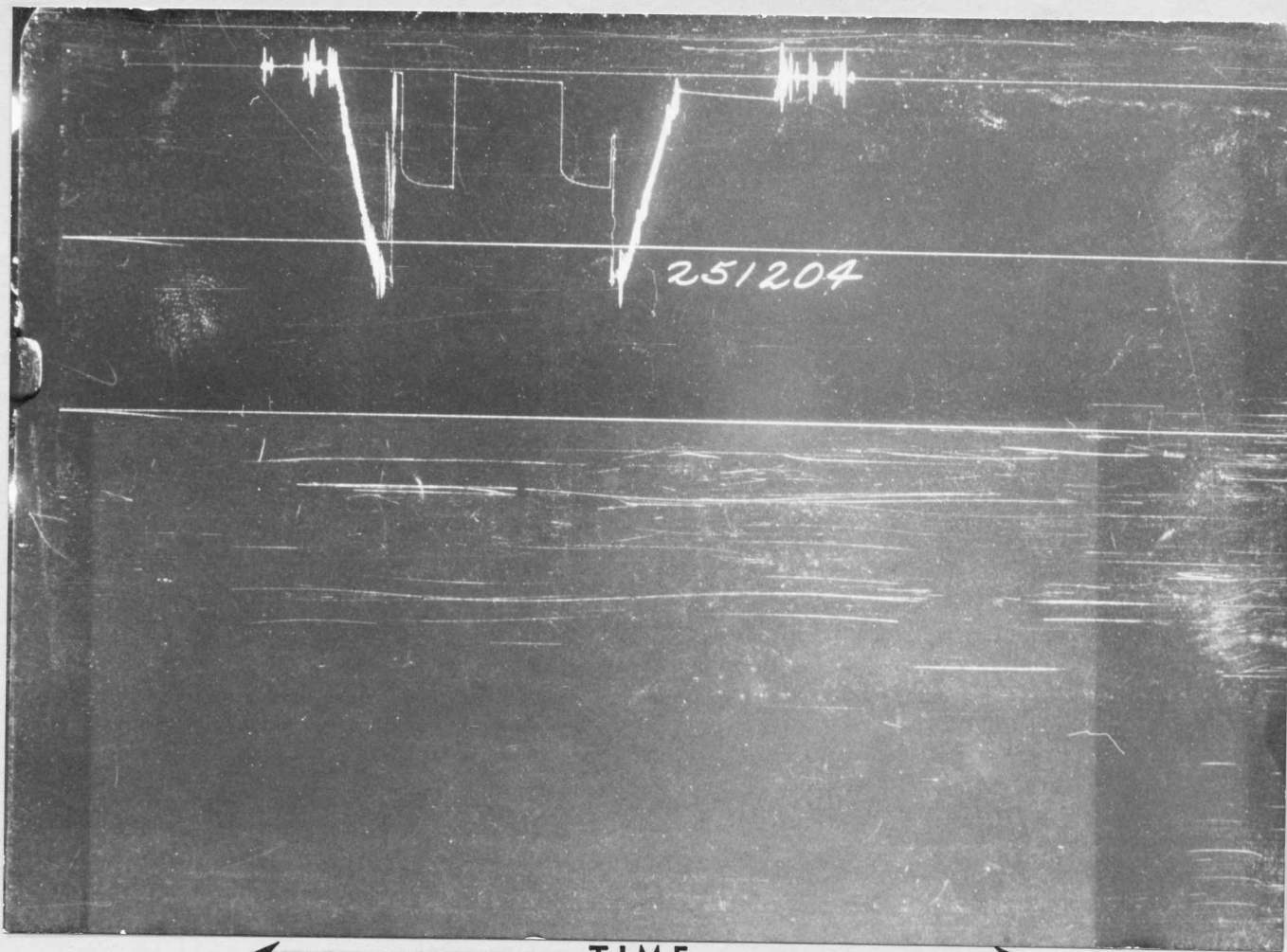
A-2

3

WHITE & ELLIS BRILLING COMPANY

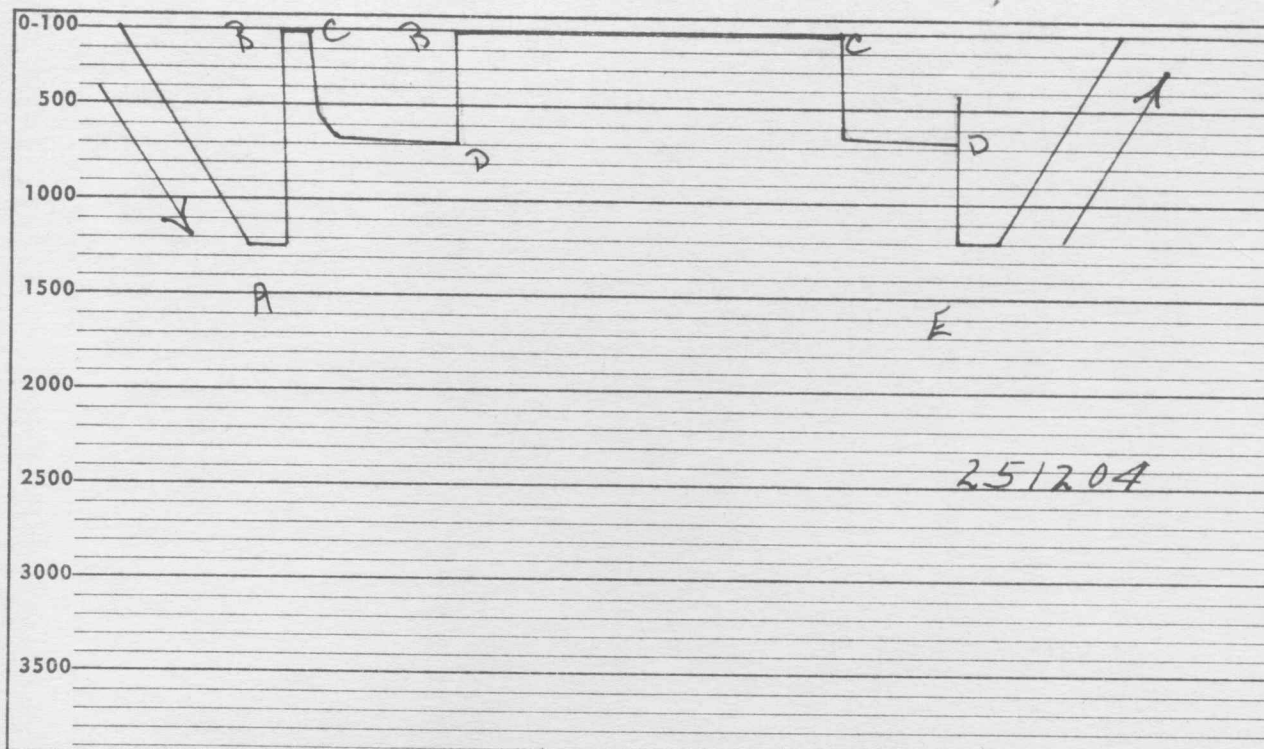
EL DORADO KANSAS

OWNERS DISTRICT



← TIME →

↑ PRESSURE ↓



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.

251204

Company WHITE & ELLIS DRILLING CO.

Date 3-27-60

	Time	PSI	Ticket No. 251204 Lease DUNKLE Well No. A-2 Test No. 3 BT No. 537 Depth 2447 12 Hr. Clock No. 948 Temperature Corrected to C 100 ° F
Initial Hydro Mud Pressure		1203	
1st	Initial Flow	19	
	Final Flow	5 minutes 25	
Initial Closed In Pressure	30 minutes	679	
2nd	Initial Flow	27	
	Final Flow	60 minutes 61	
Final Closed In Pressure	30 minutes	663	
Final Hydro Mud Pressure		1178	

PRESSURE

0-1
5
10
15
20
25
30
35
A.
B.
C.
D.
E.
H

	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	19	.000	25	.000	27	.000	61
P1	.030	25	.0217	621	.1087	43	.0206	606
P2			.0634	644	.2174	49	.0412	626
P3			.0651	659	.3261	55	.0618	637
P4			.0868	666	.4348	61	.0824	644
P5			.1085	670			.103	650
P6			.1302	673			.1236	656
P7			.1519	674			.1442	659
P8			.1736	677			.1648	661
P9			.1953	679			.1854	663
P10			.217	679			.206	663
	Minute Intervals		3	Minute Intervals	15	Minute Intervals	3	Minute Intervals

Remarks:

Initial Closed In Time 30 Minutes			Date 3-27-60	
Tool Open Flow Period 1st 6 / 2nd 60 Minutes			Ticket No. 251205	
Final Closed In Time 30 Minutes			HOWCO DISTRICT El dorado, Kansas	
Depth Top Gauge 2465 Ft. Blanked Off no			Kind of Job Open Hole	
BT. P.R.D. No 537 12 Hr. Clock		CONTRACTOR WHITE & ELLIS DRILLING CO.		
Pressure Readings Field Office Corrected		HOLE & TOOL DATA		
Initial Hydro Mud Pressure 1210 1202		Elevation 1389' KB Top Packer Depth 2457'		
Initial Closed in Pres. 695 677		Total Depth 2486' Bottom Packer Depth 2464'		
Initial Flow Pres. 60 59-81		Casing or Hole Size 7 7/8" Size & Type Wall Packer 6 3/4" ESA		
Final Flow Pres. 205 90-204		Liner or Rathole Size 7 7/8" Size Bottom Choke 3/4"		
Final Closed in Pres. 682 657		Casing Perforations Top Bottom Size Surface Choke 1/4"		
Final Hydro Mud Pressure 1189		Interval Tested 2464-2486' ID & Length Air Chamber -		
Depth Center Gauge Ft. Blanked Off		Formation Tested Viola ID & Length Drill Collars 2 3/8" x 82		
BT. P.R.D. No Hr. Clock		Est. Gauge Depth Temp. C 100 F Size Drill Pipe 4 1/2" X Hole		
Pressure Readings Field Office Corrected		MUD DATA Weight 9.5 Viscosity 39		
Initial Hydro Mud Pressure		All depths measured from Kelly Bushing No...Folders Reproduced 5		
Initial Closed in Pres.		REMARKS: Tool opened at 5:19 PM for a 6		
Initial Flow Pres.		minute First Flow. Rotated for a 30		
Final Flow Pres.		minute Initial Closed in Pressure. Tool		
Final Closed in Pres.		re-opened with a fair blow which continued		
Final Hydro Mud Pressure		throughout test. Took a 30 minute Final		
Depth Bottom Gauge 2481 Ft. Blanked Off yes		Closed in Pressure.		
BT. P.R.D. No 1814 12 Hr. Clock				
Pressure Readings Field Office Corrected				
Initial Hydro Mud Pressure				
Initial Closed in Pres.		Recovered 390 Feet of gassy oil		
Initial Flow Pres.		Recovered 120 Feet of water		
Final Flow Pres.		Recovered Feet of		
Final Closed in Pres.		Recovered Feet of		
Final Hydro Mud Pressure		Witnessed By Harlan Dixon		
Amount-Type of Cushion		Tester E. L. Sanders		

LOCATION SW SE SW 5 25 SE

FIELD EL DORADO

COUNTY BUTLER

STATE KANSAS

DUNKLE
LEASE NAME

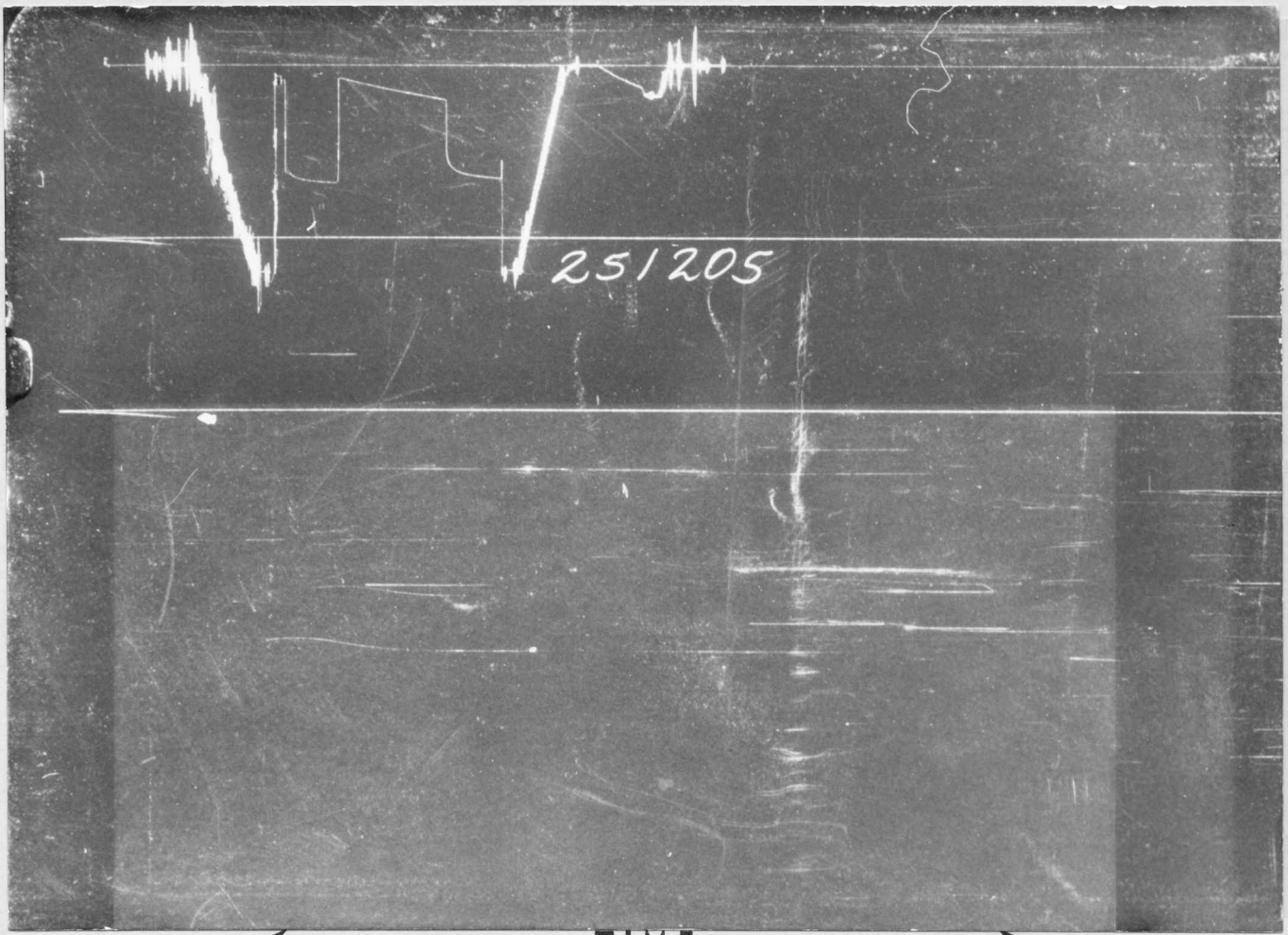
A-2
WELL NO.

TEST NO.

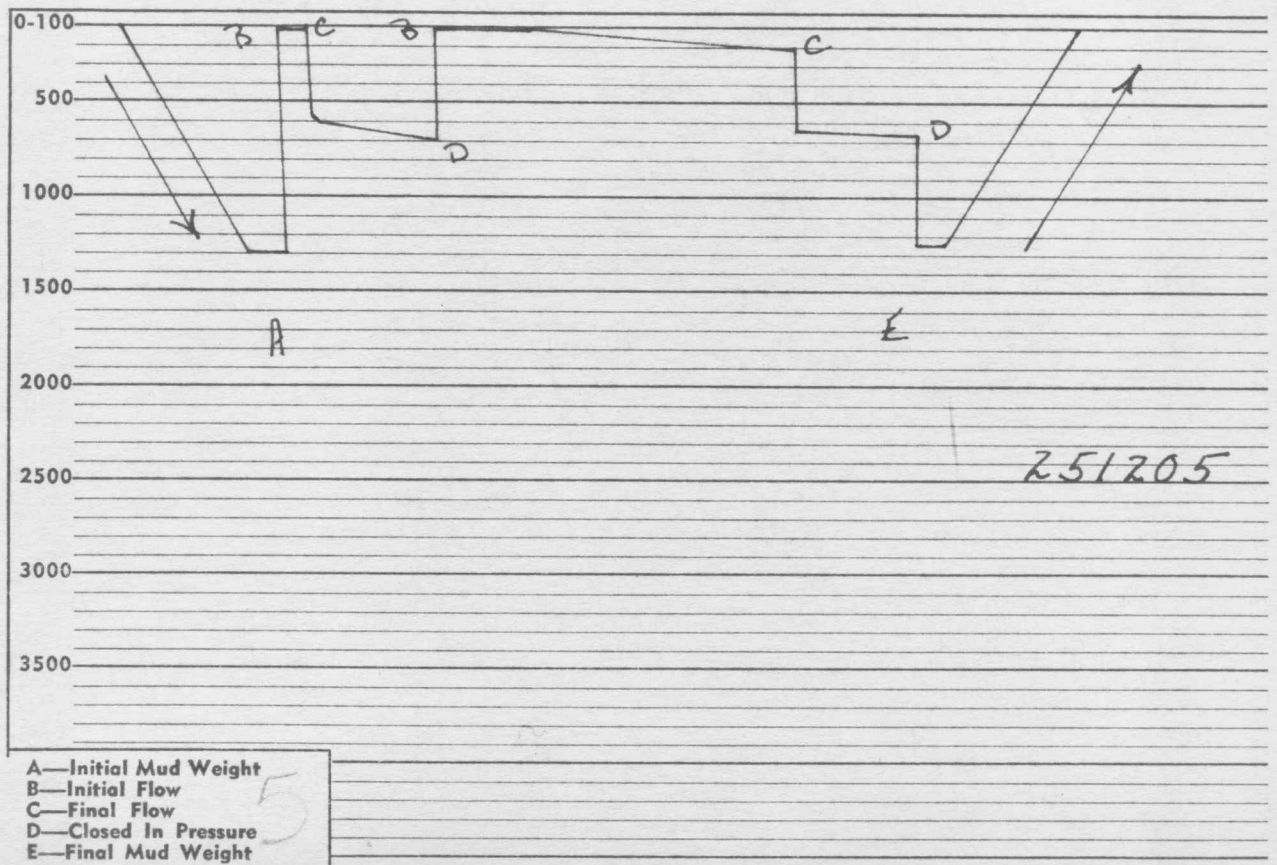
WHITE & ELLIS DRILLING COMPANY
LEASE OWNER

EL DORADO
OWNERS DISTRICT

↑
PRESSURE
↓



← TIME →



HOWCO 1393—LITTLE'S 58248 5M 5/59

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

PRESSURE



Company **WHITE & ELLIS DRILLING COMPANY** Date **3-27-60**

251205

Initial Hydro Mud Pressure		Time	PSI	Ticket No. 251205 Lease DUNKLE Well No. A-2 Test No. 4 BT No. 537 Depth 2465 12 Hr. Clock No. 948 Temperature Corrected to C 100 ° F
1st	Initial Flow		59	
	Final Flow	6 minutes	90	
Initial Closed In Pressure		30 minutes	677	
2nd	Initial Flow		81	
	Final Flow	60 minutes	204	
Final Closed In Pressure		30 minutes	657	
Final Hydro Mud Pressure			1189	

	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	59	.000	90	.000	81	.000	204
P1	.040	90	.0219	631	.110	111	.0228	590
P2			.0438	653	.220	145	.0456	616
P3			.0657	664	.330	175	.0684	629
P4			.0876	670	.440	204	.0912	637
P5			.1095	673			.114	641
P6			.1314	677			.1368	646
P7			.1533	680			.1596	650
P8			.1752	681			.1824	653
P9			.1971	683			.2052	656
P10			.219	677			.228	657
	Minute Intervals		3	Minute Intervals	15	Minute Intervals	3	Minute Intervals

Remarks:

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