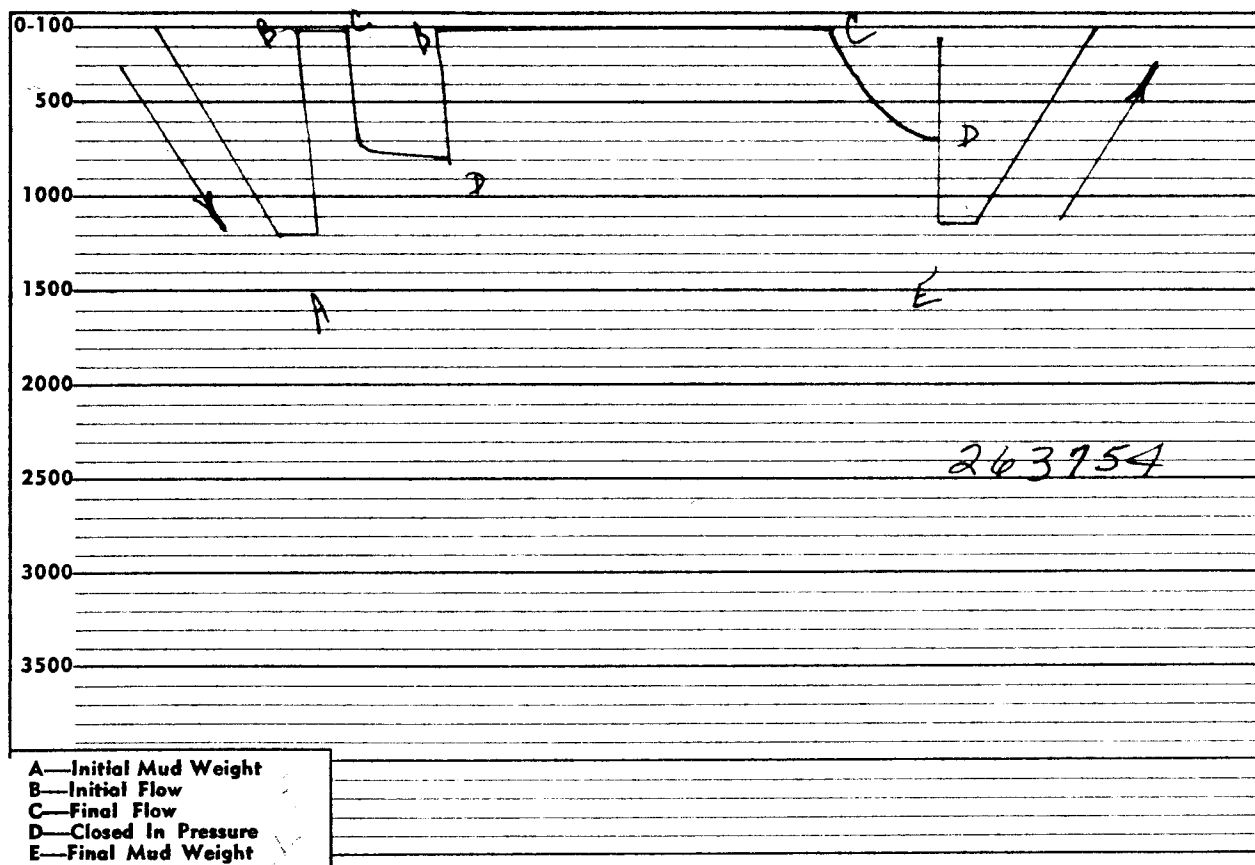


Initial Closed In Time 30 Minutes				Date 11-25-60		LOCATION 11-7-17 FIELD COUNTY ROOKS STATE KANSAS
Tool Open 1st 5 / 2nd 60 Minutes				Ticket No. 263754		
Final Closed In Time 30 Minutes				Hoffiburton District Hays		
Depth Top Gauge 2752 Ft. Blanked Off no				Kind of Job Open Hole		
BT. P.R.D. No 373 12 Hr. Clock			CONTRACTOR PEEL BROTHERS INCORPORATED			
Pressure Readings Field Office Corrected			HOLE & TOOL DATA			
Initial Hydro Mud Pressure 1510 1364			Elevation 1874 D.F.		Top Packer Depth 2760'	
Initial Closed in Pres. 1020 1027			Total Depth 2777'		Bottom Packer Depth -	
Initial Flow Pres. 15 3-11			Casing or Hole Size 7 7/8"		Size & Type Wall Packer 6 3/4" SEWP	
Final Flow Pres. 15 3 9			Liner or Rathole Size 7 7/8"		Size Bottom Choke 5/8"	
Final Closed in Pres. 920 926			Casing Perforations Top Bottom		Size Surface Choke 1"	
Final Hydro Mud Pressure 1500 1316			Interval Tested 2777-2760'		ID & Length Air Chamber -	
Depth Center Gauge 2773 Ft. Blanked Off yes			Formation Tested Topeka		ID & Length Drill Collars -	
BT. P.R.D. No 1872 12 Hr. Clock			Est. Gauge Depth Temp. Actual 98 F°		Size Drill Pipe 4 1/2" API FH	
Pressure Readings Field Office Corrected			MUD DATA Weight -		Viscosity 40	
Initial Hydro Mud Pressure			All depths measured from Kelly Bushing		No...Folders Reproduced 5	
Initial Closed in Pres.			REMARKS: Tool opened for 5 minutes first flow.			
Initial Flow Pres.			Rotated tool for 30 minutes Initial closed			
Final Flow Pres.			in pressure. Tool opened with a weak blow			
Final Closed in Pres.			for 10 minutes.			
Final Hydro Mud Pressure						
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 10 Feet of gas oil cut mud			
Initial Flow Pres.			Recovered 5 Feet of free oil			
Final Flow Pres.			Recovered Feet of			
Final Closed in Pres.			Recovered Feet of			
Final Hydro Mud Pressure			Earl Maburg			
Amount-Type of Cushion -			Witnessed By Alvin A. Berens			
			Tester			

SIMONS
 LEASE NAME
 B-2
 WELL NO.
 TEST NO. 1
 CI TIES SERVICE OIL COMPANY
 LEASE OWNER
 OWNERS DISTRICT
 11-75-12W
 HAYS

263754



Initial Hydro Mud Pressure		Time	PSI	DATE <u>11-25-60</u>
			<u>1364</u>	
2	Initial Flow		<u>3</u>	TICKET NO. <u>263754</u>
	Final Flow	<u>5 minutes</u>	<u>3</u>	LEASE <u>SIMONS</u>
Initial Closed In Pressure		<u>30 minutes</u>	<u>1027</u>	
2	Initial Flow		<u>14</u>	Well No. <u>B-2</u> Test No. <u>1</u>
	Final Flow	<u>60 minutes</u>	<u>9</u>	BT No. <u>373</u> Depth <u>2752'</u>
Final Closed In Pressure		<u>30 minutes</u>	<u>926</u>	<u>12</u> Hr. Clock <u>-</u>
Final Hydro Mud Pressure			<u>1346</u>	Temp. Corr. <u>Act. 98</u> ° F

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time	PSI	Time	PSI	Time	PSI	Time	PSI
P0	.000	3	.000	3	.000	14	.000	9
P1	.038	3	.0193	54	.402	9	.0216	22
P2	.		.0386	372	.		.0432	41
P3	.		.0579	721	.		.0648	77
P4	.		.0772	876	.		.0864	180
P5	.		.0965	940	.		.108	451
P6	.		.1158	973	.		.1296	706
P7	.		.1351	996	.		.1512	820
P8	.		.1544	1010	.		.1728	873
P9	.		.1737	1020	.		.1944	909
P10	.		.193	1027	.		.216	926
	Minute Intervals		3	Minute Intervals	Minute Intervals		3	Minute Intervals

Remarks:

Initial Closed In Time 30 Minutes					Date 11-26-60	
Tool Open 1st 5 / 2nd 60 Minutes					Ticket No. 263755	
Final Closed In Time 30 Minutes					HOWCO DISTRICT HAYS	
Depth Top Gauge 2910 Ft. Blanked Off no					Kind of Job Open Hole	
BT. P.R.D. No 373 12 Hr. Clock			CONTRACTOR GLENN BROTHERS INCORPORATED			
Pressure Readings Field Office Corrected			HOLE & TOOL DATA			
Initial Hydro Mud Pressure 1520 1487			Elevation 1874' DF		Top Packer Depth	
Initial Closed in Pres. 1065 1083			Total Depth 2931'		Bottom Packer Depth 2920'	
Initial Flow Pres. 25 10-22			Casing or Hole Size 7 7/8"		Size & Type Wall Packer 6 3/4" SEWP	
Final Flow Pres. 53 12-46			Liner or Rathole Size 7 7/8"		Size Bottom Choke 5/8"	
Final Closed in Pres. 915 919			Casing Perforations Top Bottom		Size Surface Choke 1/4"	
Final Hydro Mud Pressure 1505 1452			Interval Tested 2931-2920		ID & Length Air Chamber	
Depth Center Gauge Ft. Blanked Off			Formation Tested Topeka		ID & Length Drill Collars	
BT. P.R.D. No Hr. Clock			Est. Gauge Depth Temp. C-100 F		Size Drill Pipe 4 1/2" API FH	
Pressure Readings Field Office Corrected			MUD DATA 9.8 Weight		Viscosity 41	
Initial Hydro Mud Pressure			All depths measured from Kelly Bushing		No...Folders Reproduced 3	
Initial Closed in Pres.			REMARKS: Tool opened at 1:55 PM for			
Initial Flow Pres.			a 5 minute first flow. Rotated for a			
Final Flow Pres.			30 minute initial closed in pressure.			
Final Closed in Pres.			Tool re-opened with weak blow-decreas-			
Final Hydro Mud Pressure			ed to faint blow throughout test.			
Depth Bottom Gauge 2927 Ft. Blanked Off yes			Took a 30 minute final closed in			
BT. P.R.D. No 1872 Hr. Clock			pressure.			
Pressure Readings Field Office Corrected			NO P.R.D. WAS SENT IN.			
Initial Hydro Mud Pressure						
Initial Closed in Pres.			Recovered 20 Feet of Watery drill mud			
Initial Flow Pres.			Recovered 62 Feet of Slightly muddy salt water.			
Final Flow Pres.			Recovered Feet of			
Final Closed in Pres.			Recovered Feet of			
Final Hydro Mud Pressure			Witnessed By Earl Maberry			
Amount-Type of Cushion none			Tester Alvin A. Berens			

263755 .

		Time	PSI				
Initial Hydro Mud Pressure			1487	DATE <u>11-26-60</u>			
2	Initial Flow		10	TICKET NO. <u>263755</u>			
	Final Flow	5 minute	12	LEASE <u>SIMONS</u>			
Initial Closed In Pressure		30 minute	1083				
2	Initial Flow		22	Well No. <u>B-2</u> Test No. <u>2</u>			
	Final Flow	60 minute	46	ST No. <u>373</u> Depth <u>2910'</u>			
Final Closed In Pressure		30 minute	919	<u>12</u> Hr. Clock			
Final Hydro Mud Pressure			1452	Temp. Corr. <u>C-100</u> ° F			

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time	PSI	Time	PSI	Time	PSI	Time	PSI
P0	.000	10	.000	12	.000	22	.000	46
P1	.0066	10	.020	807	.1017	26	.0201	533
P2	.0132	10	.040	924	.2034	32	.0402	681
P3	.0198	10	.060	977	.3051	40	.0603	751
P4	.0264	10	.080	1011	.4074	46	.0804	796
P5	.0330	12	.100	1034	.		.1005	827
P6	.		.120	1048	.		.1206	853
P7	.		.140	1061	.		.1407	876
P8	.		.160	1070	.		.1608	891
P9	.		.180	1078	.		.1809	907
P10	.		.200	1083	.		.2010	919
	1	Minute Intervals	3	Minute Intervals	15	Minute Intervals	3	Minute Intervals

Remarks:

SIMMONS

LEASE NAME

B-2

WELL NO.

3

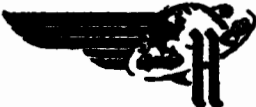
TEST NO.

CITIES SERVICE OIL COMPANY

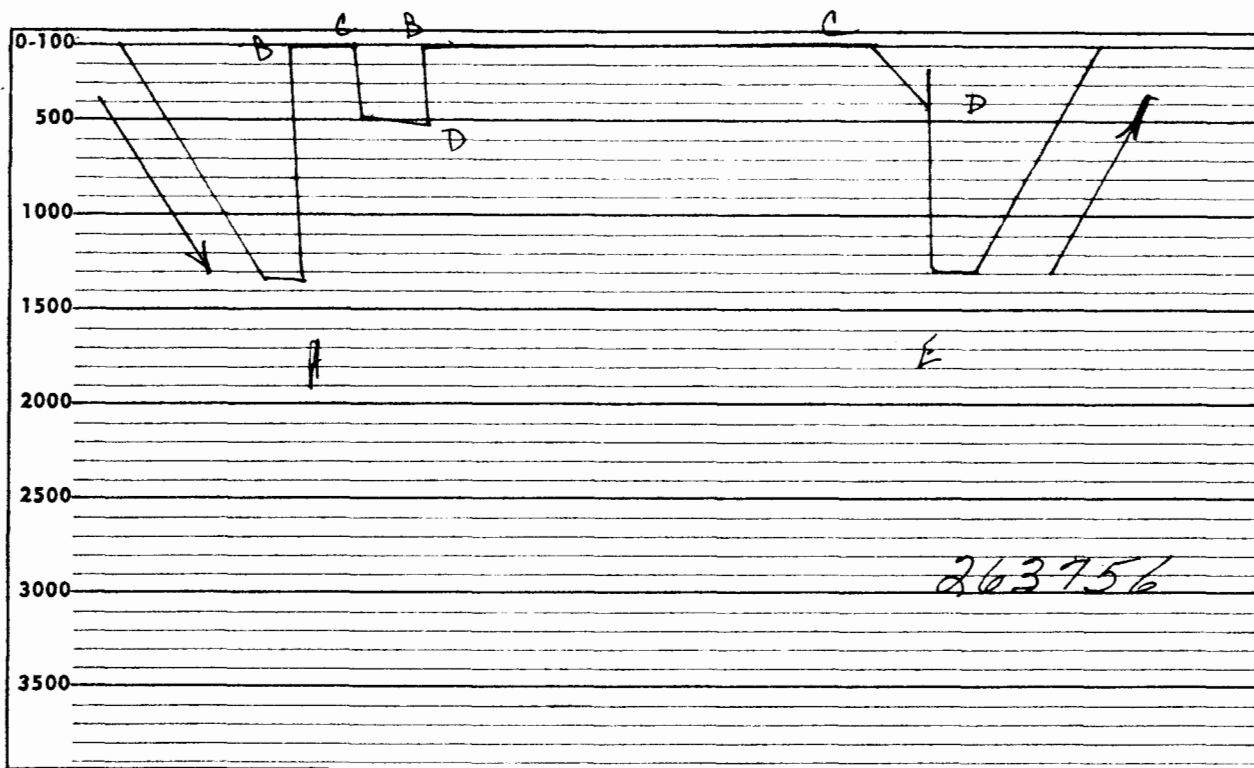
LEASE OWNER

HAYS

OWNERS DISTRICT

Initial Closed In Time 30 Minutes			Date 11-27-60		LOCATION 11-7D17M
Tool Open 1st 5 / 2nd 90 Minutes			Ticket No. 263756		
Final Closed In Time 30 Minutes			Halliburton District Hays		
Depth Top Gauge 2968 Ft. Blanked Off no			Kind of Job Open Hole		
BT. P.R.D. No 373 12 Hr. Clock		CONTRACTOR PEEL BROTHERS INCORPORATED			
Pressure Readings Field Office Corrected		HOLE & TOOL DATA			
Initial Hydro Mud Pressure 1550 1508		Elevation 1874 D.F.		Top Packer Depth 2088'	
Initial Closed in Pres. 715 718		Total Depth 3010'		Bottom Packer Depth -	
Initial Flow Pres. 20 15-23		Casing or Hole Size 7 7/8"		Size & Type Wall Packer 6 3/4" SEWP	
Final Flow Pres. 40 15-22		Liner or Rathole Size 7 7/8"		Size Bottom Choke 5/8"	
Final Closed in Pres. 640 657		Casing Perforations Top Bottom		Size Surface Choke 1"	
Final Hydro Mud Pressure 1520 1494		Interval Tested 3010-2988'		ID & Length Air Chamber -	
Depth Center Gauge 3006 Ft. Blanked Off yes		Formation Tested Kansas City		ID & Length Drill Collars -	
BT. P.R.D. No 1872 12 Hr. Clock		Est. Gauge Depth Temp. Calc. 100 F°		Size Drill Pipe 4 1/2" API FH	
Pressure Readings Field Office Corrected		MUD DATA Weight 9.9		Viscosity 45	
Initial Hydro Mud Pressure		All depths measured from Kelly Bushing		No...Folders Reproduced 5	
Initial Closed in Pres.		REMARKS: Tool opened for 5 minutes first flow.			
Initial Flow Pres.		Rotated tool for 30 minutes Initial closed			
Final Flow Pres.		in pressure. Tool opened with a weak blow			
Final Closed in Pres.		throughout test.			
Final Hydro Mud Pressure					
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 5 Feet of free oil			
Initial Flow Pres.		Recovered 15 Feet of salty oil-gas mud			
Final Flow Pres.		Recovered 42 Feet of gas			
Final Closed in Pres.		Recovered Feet of			
Final Hydro Mud Pressure		Witnessed By Earl Maberry			
Amount-Type of Cushion		Tester Alvin A. Berens			

263756



263756

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

		Time	PSI		
Initial Hydro Mud Pressure			1508	DATE 11-27-60	
1st	Initial Flow		15	TICKET NO. 263756	
	Final Flow	5 minutes	15	LEASE SIMONS	
Initial Closed In Pressure		30 minutes	718		
2nd	Initial Flow		23	Well No. B-2 Test No. 3	
	Final Flow	90 minutes	22	BT No. 373 Depth 2968'	
Final Closed In Pressure		30 minutes	657	12 Hr. Clock -	
Final Hydro Mud Pressure			1494	Temp. Corr. C 100 ° F	

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time	PSI	Time	PSI	Time	PSI	Time	PSI
P0	.000	15	.000	15	.000	23	.000	22
P1	.035	15	.0195	68	.604	22	.0206	28
P2	.		.039	290	.		.0412	43
P3	.		.0585	547	.		.0618	63
P4	.		.078	651	.		.0824	97
P5	.		.0975	685	.		.103	164
P6	.		.117	701	.		.1236	290
P7	.		.1365	708	.		.1442	460
P8	.		.156	713	.		.1648	530
P9	.		.1755	717	.		.1854	632
P10	.		.195	713	.		.206	657
	Minute Intervals		3	Minute Intervals	Minute Intervals		3	Minute Intervals

Remarks:

SIMONS

LEASE NAME

B-2

WELL NO.

L

TEST NO.

CITIES SERVICE OIL COMPANY

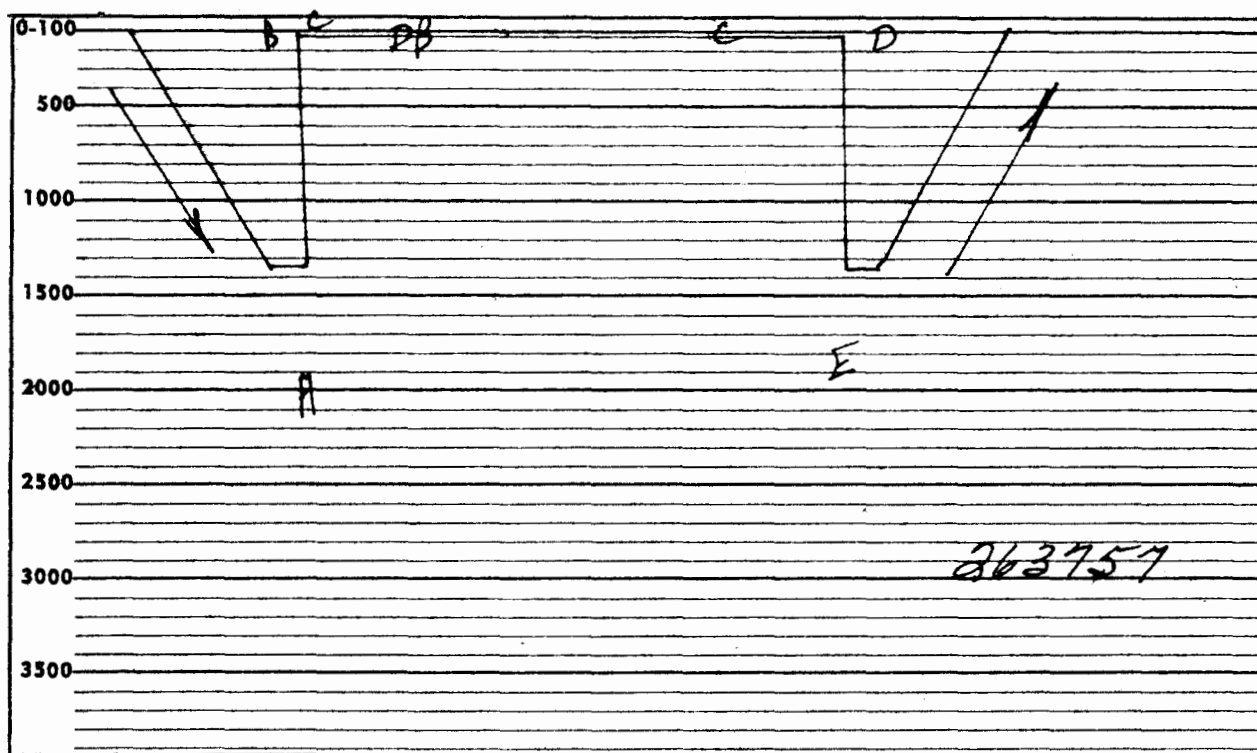
LEASE OWNER

HAYS

OWNERS DISTRICT

Initial Closed In Time 30 Minutes			Date 11-28-60		LOCATION 11-7S-17W
Tool Open 1st 5 / 2nd 60 Minutes			Ticket No. 263757		
Final Closed In Time 30 Minutes			Halliburton District Hays		
Depth Top Gauge 3015 Ft. Blanked Off no			Kind of Job Open Hole		
BT. P.R.D. No 373 12 Hr. Clock		CONTRACTOR PEEL BROTHERS INCORPORATED			
Pressure Readings Field Office Corrected		HOLE & TOOL DATA			
Initial Hydro Mud Pressure 1550	1509	Elevation 1874 D.F.	Top Packer Depth 3025'		FIELD
Initial Closed in Pres. 260	266	Total Depth 3030'	Bottom Packer Depth -		
Initial Flow Pres. 20	15-23	Casing or Hole Size 7 7/8"	Size & Type Well Packer 6 3/4" SEWP		
Final Flow Pres. 30	15-23	Liner or Rathole Size 7 7/8"	Size Bottom Choke 5/8"		
Final Closed in Pres. 40	36	Casing Perforations Top Bottom	Size Surface Choke 1/4"		COUNTY
Final Hydro Mud Pressure 1500	1503	Interval Tested 3039-3025'	ID & Length Air Chamber -		
Depth Center Gauge 3035 Ft. Blanked Off yes		Formation Tested Kansas City	ID & Length Drill Collars -		
BT. P.R.D. No 1872 12 Hr. Clock		Est. Gauge Depth Temp. Calc. 100 F.	Size Drill Pipe 4 1/2" API FH		
Pressure Readings Field Office Corrected		MUD DATA Weight 9.9	Viscosity 44		STATE
Initial Hydro Mud Pressure		All depths measured from Kelly Bushing	No. Folders Reproduced 5		
Initial Closed in Pres.		REMARKS: Tool opened for 5 minutes first flow			
Initial Flow Pres.		Rotated tool for 30 minutes Initial closed in			
Final Flow Pres.		pressure. Tool opened with a weak blow for			KANSAS
Final Closed in Pres.		5 Minutes.			
Final Hydro Mud Pressure					
Depth Bottom Gauge Ft. Blanked Off					
BT. P.R.D. No	Hr. Clock				ROCKS
Pressure Readings Field Office Corrected					
Initial Hydro Mud Pressure					
Initial Closed in Pres.		Recovered 2 Feet of free oil			
Initial Flow Pres.		Recovered 33 Feet of drilling mud with trace of oil			OWNERS DISTRICT
Final Flow Pres.		Recovered Feet of			
Final Closed in Pres.		Recovered Feet of			
Final Hydro Mud Pressure		Recovered Feet of			
Amount-Type of Cushion		Earl Maberry-			
		Witnessed By Alvin A. Berens			
		Tester			

263757



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

COMPANY

CITIES SERVICE OIL COMPANY

		Time	PSI					
Initial Hydro Mud Pressure			1509		DATE 11-28-60			
1st	Initial Flow		15		TICKET NO. 263757			
	Final Flow	5 minutes	15		LEASE SIMONS			
Initial Closed In Pressure		30 minutes	266					
2nd	Initial Flow		23		Well No. B-2 Test No. 4			
	Final Flow	60 minutes	23		BT No. 373 Depth 3015'			
Final Closed In Pressure		30 minutes	36		12 Hr. Clock -			
Final Hydro Mud Pressure			1503		Temp. Corr. C 100 ° F			
1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP		
	Time PSI	Time PSI	Time PSI	Time PSI	Time PSI	Time PSI		
P0	.000 15	.000 15	.000 23	.000 23	.000 23	.000 23		
P1	.042 15	.0198 28	.400 23	.020 36				
P2	.	.0396 47	.	.	.	.		
P3	.	.0594 70	.	.	.	.		
P4	.	.0792 92	.	.	.	.		
P5	.	.099 111	.	.	.	.		
P6	.	.1188 134	.	.	.	.		
P7	.	.1386 162	.	.	.	.		
P8	.	.1584 196	.	.	.	.		
P9	.	.1782 231	.	.	.	.		
P10	.	.198 266	.	.	.	.		
	Minute Intervals	3 Minute Intervals	Minute Intervals	Minute Intervals	Minute Intervals	Minute Intervals		

Remarks:

SIMONS

LEASE NAME

B-2

WELL NO.

6

TEST NO.

CITIES SERVICE OIL COMPANY

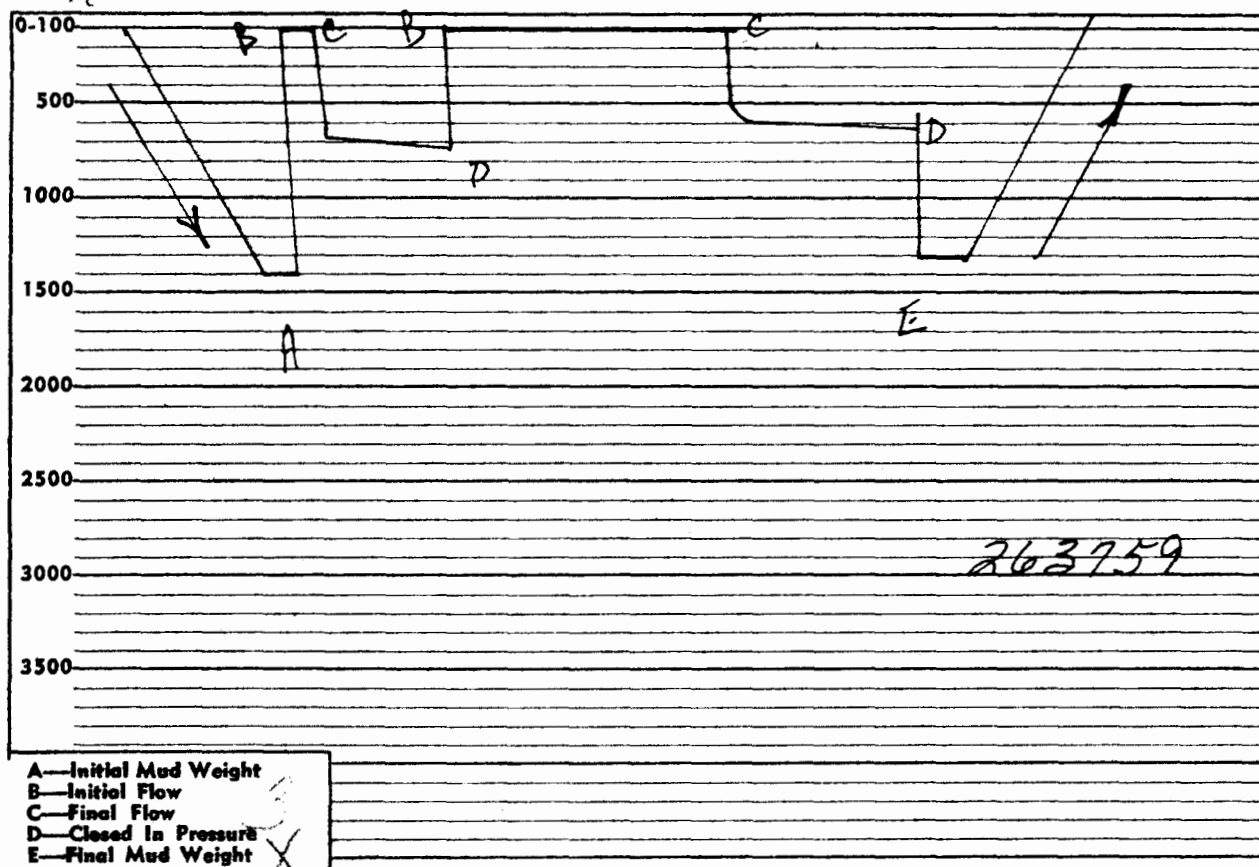
LEASE OWNER

HAYS

OWNERS DISTRICT

Initial Closed In Time 30 Minutes			Date 11-29-60		LOCATION 11-75-17W
Tool Open 1st 5 / 2nd 60 Minutes			Ticket No. 263759		
Final Closed In Time 30 Minutes			Holliburton District Hays		
Depth Top Gauge 3064 Ft. Blanked Off no			Kind of Job Open Hole		
BT. P.R.D. No 373 12 Hr. Clock		CONTRACTOR PEEL BROTHERS INCORPORATED			
Pressure Readings Field Office Corrected		HOLE & TOOL DATA			
Initial Hydro Mud Pressure 1575 1532		Elevation 1874 D.F.		Top Packer Depth 3074'	
Initial Closed in Pres. 215 923		Total Depth 3106'		Bottom Packer Depth -	
Initial Flow Pres. 40 18-37		Casing or Hole Size 7 7/8"		Size & Type Wall Packer 6 3/4" SEWP	
Final Flow Pres. 170 23-180		Liner or Rathole Size 7 7/8"		Size Bottom Choke 5/8"	
Final Closed in Pres. 790 805		Casing Perforations Top Bottom		Size Surface Choke 1"	
Final Hydro Mud Pressure 1600 1517		Interval Tested 3106-3074'		ID & Length Air Chamber -	
Depth Center Gauge 3102 Ft. Blanked Off yes		Formation Tested Kansas City		ID & Length Drill Collars -	
BT. P.R.D. No 1872 12 Hr. Clock		Est. Gauge Depth Temp. Actual 101F°		Size Drill Pipe 4 1/2" API FH	
Pressure Readings Field Office Corrected		MUD DATA Weight 9.8		Viscosity 38	
Initial Hydro Mud Pressure		All depths measured from Kelly Bushing		No...Folders Reproduced 5	
Initial Closed in Pres.		REMARKS: Tool opened for 5 minutes first flow.			
Initial Flow Pres.		Rotated tool for 30 minutes Initial closed			
Final Flow Pres.		in pressure. Tool reopened with a fair blow			
Final Closed in Pres.		throughout test.			
Final Hydro Mud Pressure					
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 178 Feet of watery mud			
Initial Flow Pres.		Recovered 62 Feet of salty muddy salt water			
Final Flow Pres.		Recovered 12 1/2 Feet of salt water			
Final Closed in Pres.		Recovered Feet of			
Final Hydro Mud Pressure		Witnessed By Earl Makeroy			
Amount-Type of Cushion		Tester Alvin A. Berens			

263759



COMPANY

CITIES SERVICE OIL COMPANY

		Time	PSI		
Initial Hydro Mud Pressure			1532	DATE 11-29-60	
1st	Initial Flow		18	TICKET 263759	
	Final Flow	5 minutes	28	NO.	
Initial Closed In Pressure		30 minutes	923	LEASE SIMONS	
2nd	Initial Flow		37	Well No. B-2 Test No. 6	
	Final Flow	60 minutes	180	BT 373 3064'	
Final Closed In Pressure		30 minutes	805	No. 12 Depth -	
Final Hydro Mud Pressure			1517	Hr. Clock -	
				Act 101	
				Temp. Corr. ° F	

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time	PSI	Time	PSI	Time	PSI	Time	PSI
PO	.000	18	.000	28	.000	37	.000	180
P1	.0066	20	.0208	853	.1016	74	.020	680
P2	.0132	23	.0416	885	.2032	113	.040	713
P3	.0198	26	.0624	897	.3048	147	.060	731
P4	.0264	27	.0832	905	.4064	180	.080	750
P5	.033	28	.104	910	.		.100	763
P6	.		.1248	914	.		.120	773
P7	.		.1456	916	.		.140	783
P8	.		.1664	919	.		.160	791
P9	.		.1872	921	.		.180	797
P10	.		.208	923	.		.200	805
	1 Minute Intervals		3 Minute Intervals		15 Minute Intervals		3 Minute Intervals	

Remarks: