



DRILL-STEM TEST DATA

Well Name	Barker "B"	Test No.	1
Well Number	1	Zone Tested	Lansing K.C.
Company	Bowers Drlg. Co.	Date	6 - 30 - 67
Comp. Rep.	Roger McCoy	Tester	Vernon Williams
Contractor	Co. Tools	Ticket No.	ST - 1071
Location		Elevation	1774 D.F.

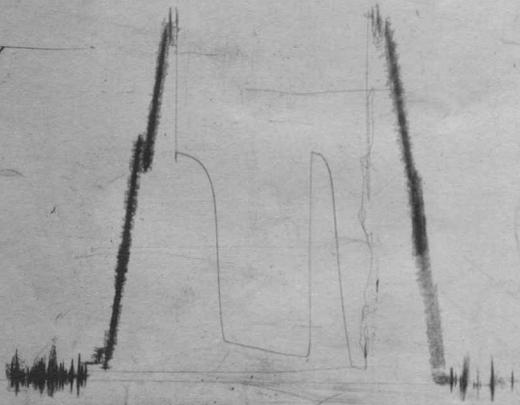
Recorder No.	2826	Clock Range	12 hr.	Recorder No.	1055	Clock Range	12 hr.
Depth	3674'	Depth	3719'	Initial Hydro Mud Press.	2063	Initial Hydro Mud Press.	2081
Initial Shut-in Press.	1298	Initial Shut-in Press.	1310	Initial Flow Press.	716	Initial Flow Press.	714
Final Flow Press.	227	Final Flow Press.	229	Final Shut-in Press.	1293	Final Shut-in Press.	1296
Final Hydro Mud Press.	2030	Final Hydro Mud Press.	2045	Temperature	124 ^o F	Tool Open Before I.S.I.	10 Mins.
Mud Drop	1'	Initial Shut-in	30 Mins.	Mud Weight	10 #/gal.	Viscosity	39 cp
Fluid Loss	13.2 cc	Flow Period	60 Mins.	Final Shut-in	40 Mins.	Interval Tested	3687' to 3722'
Net Pay Tested	8'	Surface Choke Size	1"	Bottom Choke Size	3/4"	Top Packer Depth	3682'
Main Hole Size	7-7/8"	Rat Hole Size		Feet Of Rat Hole		Bottom Packer Depth	3687'
Type of Test	Open hole	Drill Pipe Size	1-1/2" FH	Wt.	16.60	Total Depth	3722'
Cushion Amount—Type		Drill Collar I.D.	2-1/4"	Ft. Run	150	Anchor Size	5-1/2" OD
Rubber Size	6-3/4"	Recovery—Total Feet		Recovered	100	Feet Of	Hvy. Gas cut, slightly oil cut mud.
Recovered	360	Feet Of	Hvy. gas cut muddy oil.	Recovered	60	Feet Of	Watery mud.
Recovered		Feet Of				Feet Of	

Remarks

Strong blow, gas to surface 6 min. after I.B.H.P. Gauge 3 1/2, 690 in 10 - 20 - 30. Too small to measure after 30 min.

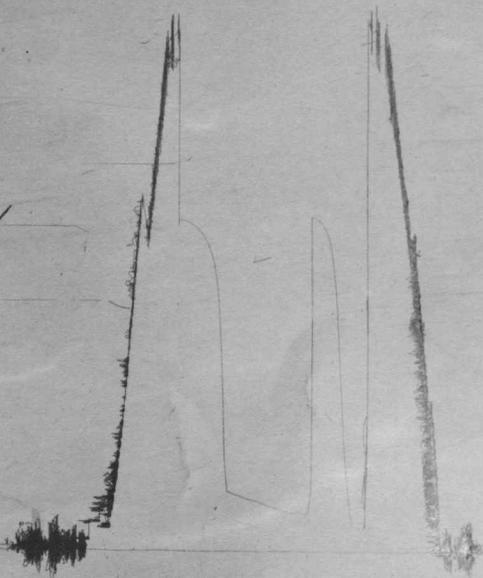
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ST-1071



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ST-1071





DRILL-STEM TEST DATA

Well Name	Barker "B"	Test No.	2
Well Number	1	Zone Tested	Lansing K.C.
Company	Bowers Drlg. Co.	Date	7 - 1 - 67
Comp. Rep.	Roger McCoy	Tester	Vernon Williams
Contractor	Co. Tools	Ticket No.	ST - 1072
Location		Elevation	1774 D.F.

Recorder No. 2826 Clock Range 12 hr. Recorder No. 1055 Clock Range 12 hr.
 Depth 3770' Depth 3795'
 Initial Hydro Mud Press. 2145 Initial Hydro Mud Press. 2112
 Initial Shut-in Press. 1168 Initial Shut-in Press. 1161
 Initial Flow Press. 99 Initial Flow Press. 87
 Final Flow Press. 157 Final Flow Press. 147
 Final Shut-in Press. 1006 Final Shut-in Press. 1002
 Final Hydro Mud Press. 2036 Final Hydro Mud Press. 2065
 Temperature 126°F Tool Open Before I.S.I. 10 Mins.
 Mud Drop 1' Initial Shut-in 30 Mins.
 Mud Weight 10 #/gal. Viscosity 39 cp Flow Period 60 Mins.
 Fluid Loss 13.2 cc Final Shut-in 30 Mins.
 Interval Tested 3783' to 3798' Surface Choke Size 1"
 Net Pay Tested _____ Bottom Choke Size 3/4"
 Top Packer Depth 3778' Main Hole Size 7-7/8"
 Bottom Packer Depth 3783' Rat Hole Size _____
 Total Depth 3798' Feet Of Rat Hole _____
 Drill Pipe Size 4-1/2" FH Wt. 16.60 Type of Test Open hole
 Drill Collar I.D. _____ Ft. Run _____ Cushion Amount—Type _____
 Anchor Size 5-1/2" OD Rubber Size 6-3/4"

Recovery—Total Feet _____

Recovered 70 Feet Of Very hvy. oil cut mud.Recovered 200 Feet Of Muddy oil.Recovered 40 Feet Of Watery mud.

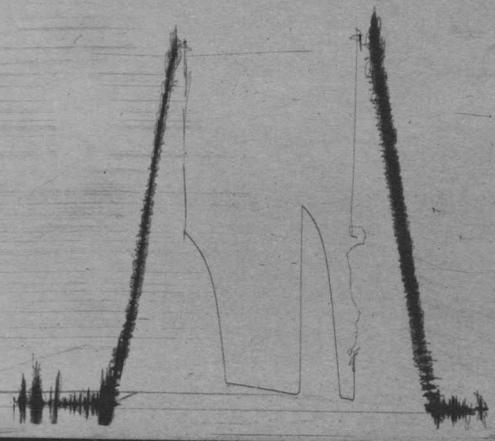
Recovered _____ Feet Of _____

Remarks

Stron blow. Gas to surface 3 min. after T.B.H. Gauge 19,000 in 10 min. To Small
to measure after 20 min.

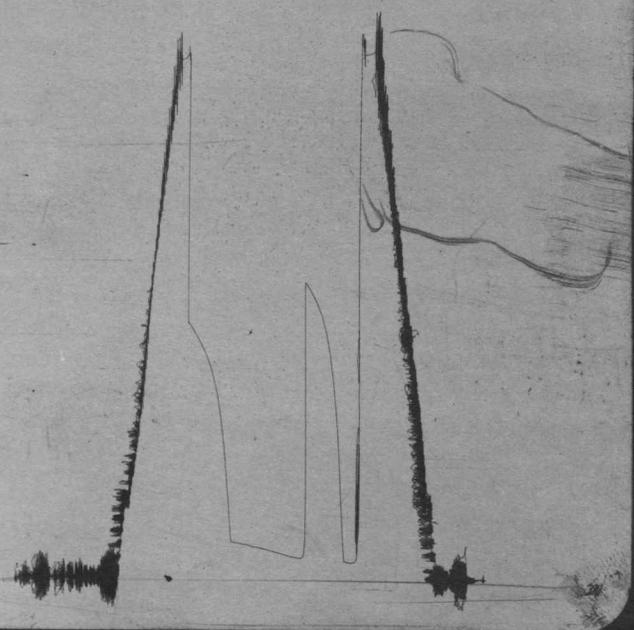
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ST-1072



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ST-1072





DRILL-STEM TEST DATA

Well Name	Barker "B"	Test No.	3
Well Number	1	Zone Tested	Lansing K.C.
Company	Bowers Drlg. Co.	Date	7 - 1 - 67
Comp. Rep.	Roger McCoy	Tester	Vernon Williams
Contractor	Co. Tools	Ticket No.	ST - 1073
Location		Elevation	1774 D.F.

Recorder No.	2826	Clock Range	12 hr.	Recorder No.	1055	Clock Range	12 hr.
Depth	3801'	Depth	3821'				
Initial Hydro Mud Press.	2123	Initial Hydro Mud Press.	2115				
Initial Shut-in Press.	1341	Initial Shut-in Press.	1341				
Initial Flow Press.	202	Initial Flow Press.	194				
Final Flow Press.	385	Final Flow Press.	383				
Final Shut-in Press.	1217	Final Shut-in Press.	1222				
Final Hydro Mud Press.	2039	Final Hydro Mud Press.	2049				
Temperature	126°F	Tool Open Before I.S.I.	10	Mins.			
Mud Drop	1'	Initial Shut-in	30	Mins.			
Mud Weight	9.8 #/gal.	Viscosity	55 cp	Flow Period	60	Mins.	
Fluid Loss	8 cc	Final Shut-in	30	Mins.			
Interval Tested	3814' to 3827'	Surface Choke Size	1"				
Net Pay Tested	6'	Bottom Choke Size	3/4"				
Top Packer Depth	3809'	Main Hole Size	7-7/8"				
Bottom Packer Depth	3814'	Rat Hole Size					
Total Depth	3827'	Feet Of Rat Hole					
Drill Pipe Size	4-1/2" FH	Wt.	16.60	Type of Test	Open hole		
Drill Collar I.D.	2-1/4"	Ft. Run	90	Cushion Amount—Type			
Anchor Size	5-1/2" OD	Rubber Size	6-3/4"				

Recovery—Total Feet

Recovered 2100 Feet Of Gassy oil.

Recovered 40 Feet Of Watery mud.

Recovered 60 Feet Of Muddy water.

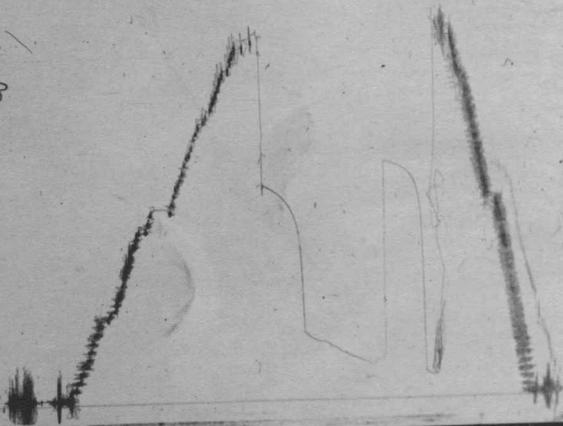
Recovered Feet Of

Remarks

Strong blow. Gas to surface 1/2 min. Gauge 745,000 10 min. Flowline shut in for first 10 min. after I.B.H. to take gas sample. Surging 77,000 to 99,000 in 20 min. Too small to measure in 30 min.

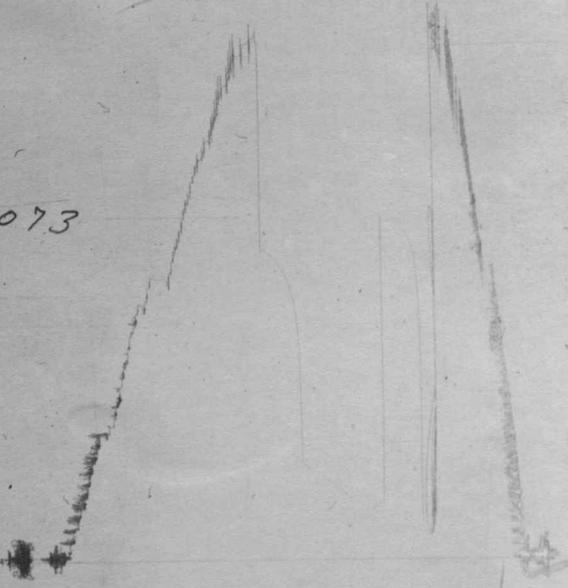
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DRILL-STEM TEST DATA

Well Name	Barker "B"	Test No.	4
Well Number	1	Zone Tested	Lansing K.C.
Company	Bowers Drlg. Co.	Date	7 - 2 - 67
Comp. Rep.	Roger McCoy	Tester	Vernon Williams
Contractor	Co. Tools	Ticket No.	ST - 1074
Location		Elevation	1774 D.F.

Recorder No. 2826 Clock Range 12 hr. Recorder No. 1055 Clock Range 12 hr.
 Depth 3858' Depth 3884'
 Initial Hydro Mud Press. 2134 Initial Hydro Mud Press. 2243
 Initial Shut-in Press. 717 Initial Shut-in Press. 714
 Initial Flow Press. 55 Initial Flow Press. 49
 Final Flow Press. 62 Final Flow Press. 55
 Final Shut-in Press. 452 Final Shut-in Press. 447
 Final Hydro Mud Press. 2080 Final Hydro Mud Press. 2103

Temperature 124°F Tool Open Before I.S.I. 10 Mins.
 Mud Drop 1' Initial Shut-in 30 Mins.
 Mud Weight 10 #/gal. Viscosity 38 cp Flow Period 60 Mins.
 Fluid Loss 10.8 cc Final Shut-in 30 Mins.

Interval Tested 3871' to 3887' Surface Choke Size 1"
 Net Pay Tested _____ Bottom Choke Size 3/4"
 Top Packer Depth 3866' Main Hole Size 7-7/8"
 Bottom Packer Depth 3871' Rat Hole Size _____
 Total Depth 3887' Feet Of Rat Hole _____
 Drill Pipe Size 4-1/2" FH Wt. 16.60 Type of Test Open hole
 Drill Collar I.D. 2-1/4" Ft. Run 90 Cushion Amount—Type _____
 Anchor Size 5-1/2" OD Rubber Size 6-3/4"

Recovery—Total Feet _____

Recovered 1850 Feet Of Gas in pipe.Recovered 60 Feet Of Slightly gas & oil cut mud.

Recovered _____ Feet Of _____

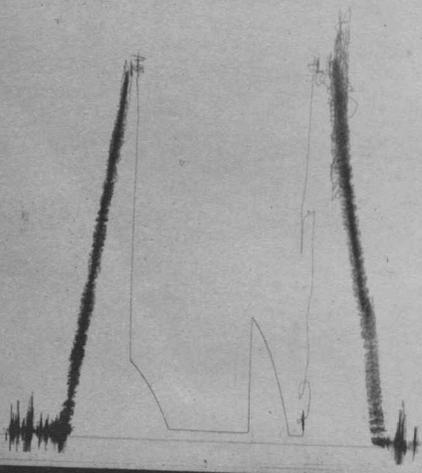
Recovered _____ Feet Of _____

Remarks

Strong blow thruout test.

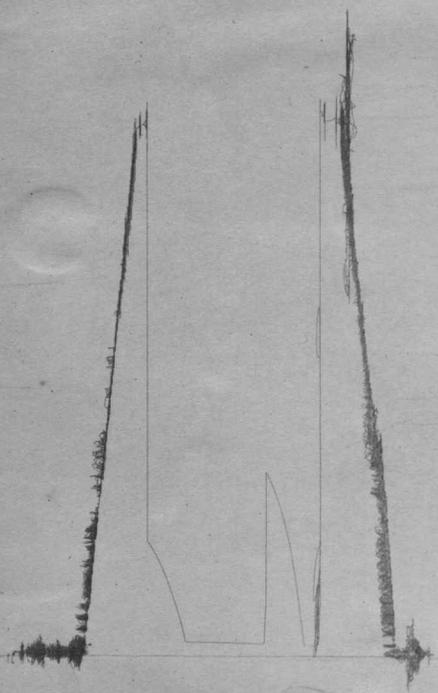
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ST-1074



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ST-1074





DRILL-STEM TEST DATA

Well Name	Barker "B"	Test No.	5
Well Number	1	Zone Tested	Lansing K.C.
Company	Bowers Drlg. Co.	Date	7 - 3 - 67
Comp. Rep.	Roger McCoy	Tester	Vernon Williams
Contractor	Co. Tools	Ticket No.	ST - 1075
Location		Elevation	1774 D.F.

Recorder No.	2826	Clock Range	12 hr.	Recorder No.	1055	Clock Range	12 hr.
Depth	3935'	Depth	3962'				
Initial Hydro Mud Press.	2212	Initial Hydro Mud Press.	2182				
Initial Shut-in Press.	1298	Initial Shut-in Press.	1293				
Initial Flow Press.	361	Initial Flow Press.	365				
Final Flow Press.	401	Final Flow Press.	403				
Final Shut-in Press.	1298	Final Shut-in Press.	1292				
Final Hydro Mud Press.	2112	Final Hydro Mud Press.	2131				
Temperature	124°F	Tool Open Before I.S.I.	10	Mins.			
Mud Drop	1'	Initial Shut-in	30	Mins.			
Mud Weight	10 #/ga 1.	Viscosity	43	cp	Flow Period	35	Mins.
Fluid Loss	10.8	cc	Final Shut-in	30	Mins.		
Interval Tested	3948' to 3965'	Surface Choke Size	3/4"				
Net Pay Tested		Bottom Choke Size	3/4"				
Top Packer Depth	3943'	Main Hole Size	7-7/8"				
Bottom Packer Depth	3948'	Rat Hole Size					
Total Depth	3965'	Feet Of Rat Hole					
Drill Pipe Size	4-1/2" FH	Wt.	16.60	Type of Test	Open hole		
Drill Collar I.D.	2-1/4"	Ft. Run	90	Cushion Amount—Type			
Anchor Size	5-1/2" OD	Rubber Size	6-3/4"				

Recovery—Total Feet _____

Recovered _____ Feet Of Spray oil in 27 min after I.B.H.P.

Recovered 475 Feet Of Clean to muddy oil.

Recovered _____ Feet Of _____

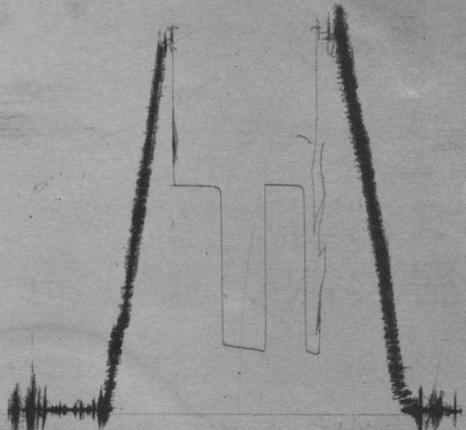
Recovered _____ Feet Of _____

Remarks

Strong blow. Gasto surface in 2 min. Gauge 1,450,000 in 10 min. 1,680,000 in 20 min. 1,710,000 in 27 min. Spray oil in 27 min.

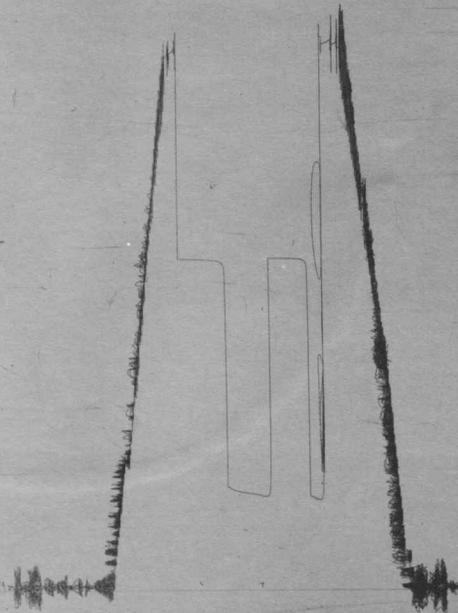
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ST-1075



1055

ST-1075





DRILL-STEM TEST DATA

Well Name	Barker "B"	Test No.	6
Well Number	1	Zone Tested	Simpson Sand
Company	Powers Drlg. Co	Date	7 - 6 - 67
Comp. Rep.	Roger McCoy	Tester	Vernon Williams
Contractor	Co - Tools	Ticket No.	ST - 926
Location		Elevation	1774 D.F.

Recorder No. 2826	Clock Range 12 hr.	Recorder No. 1055	Clock Range 12 hr.
Depth 4338'		Depth 4384'	
Initial Hydro Mud Press. 2498		Initial Hydro Mud Press. 2491	
Initial Shut-in Press. 343		Initial Shut-in Press. 359	
Initial Flow Press. 44		Initial Flow Press. 60	
Final Flow Press. 44		Final Flow Press. 60	
Final Shut-in Press. 328		Final Shut-in Press. 344	
Final Hydro Mud Press. 2402		Final Hydro Mud Press. 2424	
Temperature 134°F		Tool Open Before I.S.I. 10	Mins.
Mud Drop 1'		Initial Shut-in 30	Mins.
Mud Weight 10.1 #/gal.	Viscosity 41 cp	Flow Period 30	Mins.
Fluid Loss 14 cc		Final Shut-in 30	Mins.
Interval Tested 4351' to 4387'		Surface Choke Size 3/4"	
Net Pay Tested		Bottom Choke Size 3/4"	
Top Packer Depth 4346'		Main Hole Size 7-7/8"	
Bottom Packer Depth 4351'		Rat Hole Size	
Total Depth 4387'		Feet Of Rat Hole	
Drill Pipe Size 4-1/2" FH	Wt. 16.60	Type of Test	Open hole
Drill Collar I.D. 2-1/4"	Ft. Run 90	Cushion Amount—Type	
Anchor Size 5-1/2" OD		Rubber Size 6-3/4"	

Recovery—Total Feet _____

Recovered 50 Feet Of Drlg. fluid.

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

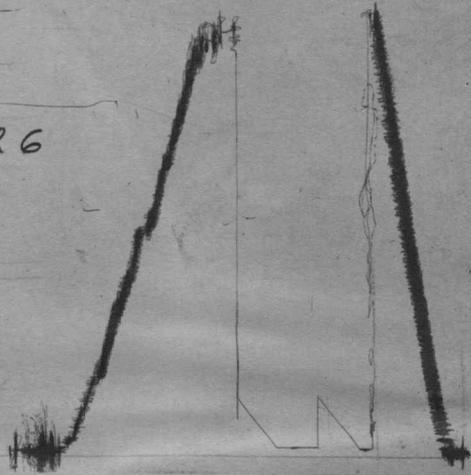
Remarks

Fair blow, decreasing to very weak blow in 10 min.

Very weak blow 30 min.

2826

ST-926



1055

ST-926

