



**DRILL-STEM TEST DATA**

Well Name	Staats	Test No.	1
Well Number	1	Zone Tested	Langdon Sand
Company	Bowers Drlg Co.	Date	9-24-67
Comp. Rep.	Bob McCann	Tester	V. Williams
Contractor	Co-Tools	Ticket No.	St-952
Location	2-13-14w	Elevation	1970 KB

Recorder No.	2826	Clock Range	12 hr	Recorder No.	1055	Clock Range	12 hr
Depth	3003	Depth	3032	Initial Hydro Mud Press.	1646	Initial Hydro Mud Press.	1646
Initial Shut-in Press.	1055	Initial Shut-in Press.	1080	Initial Flow Press.	112	Initial Flow Press.	156
Final Flow Press.	354	Final Flow Press.	404	Final Shut-in Press.	1032	Final Shut-in Press.	1060
Final Hydro Mud Press.		Final Hydro Mud Press.		Temperature	102	Tool Open Before I. S. I.	15 Mins.
Mud Drop	1	Initial Shut-in	30 Mins.	Mud Weight	10.2	Viscosity	37
Fluid Loss	30	Flow Period	30 Mins.	Interval Tested	3022 to 3035	Surface Choke Size	3/4
Top Packer Depth	3017	Final Shut-in	30 Mins.	Net Pay Tested		Bottom Choke Size	3/4
Bottom Packer Depth	3022	Feet Of Rat Hole		Top Packer Depth	3017	Main Hole Size	7 7/8
Total Depth	3035	Type of Test	Open Hole	Bottom Packer Depth	3022	Rat Hole Size	
Drill Pipe Size	4 1/2 fh	Cushion Amount—Type		Total Depth	3035	Rubber Size	6 3/4
Drill Collar I. D.	2 1/2	Anchor Size	5 1/2 O. D.	Drill Pipe Size	4 1/2 fh	Wt.	16.60
Anchor Size	5 1/2 O. D.	Recovery—Total Feet		Drill Collar I. D.	2 1/2	Ft. Run	90

Recovered	376	Feet Of	Gas in Pipe
Recovered	248	Feet Of	Gas cut mud
Recovered	434	Feet Of	Gas cut watery mud
Recovered	182	Feet Of	Muddy water

Remarks

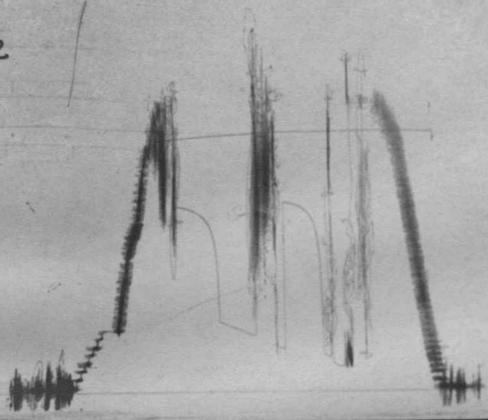
Strong surging blow in 5 min, weak blow in 12 min.

Flushed tool weak blow ,After I.B.H. weak blow flushed tool weak blow



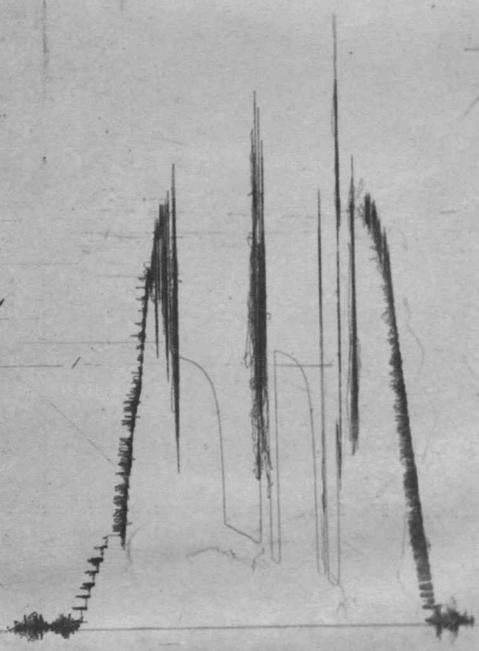
2826

57-952



1055

57-952





**DRILL-STEM TEST DATA**

Well Name	<b>Staats</b>	Test No.	<b>2</b>
Well Number	<b>1</b>	Zone Tested	<b>Berlington</b>
Company	<b>Bowers Drlg Co.</b>	Date	<b>9-25-67</b>
Comp. Rep.	<b>Bob McCann</b>	Tester	<b>V. Williams</b>
Contractor	<b>Co-Tools</b>	Ticket No.	<b>St-953</b>
Location	<b>2-13-14w</b>	Elevation	<b>1970 KB</b>

Recorder No. <b>2826</b>	Clock Range <b>12 hr</b>	Recorder No. <b>1055</b>	Clock Range <b>12 hr</b>
Depth <b>3202</b>		Depth <b>3247</b>	
Initial Hydro Mud Press. <b>1806</b>		Initial Hydro Mud Press. <b>1806</b>	
Initial Shut-in Press. <b>396</b>		Initial Shut-in Press. <b>395</b>	
Initial Flow Press. <b>44</b>		Initial Flow Press. <b>60</b>	
Final Flow Press. <b>55</b>		Final Flow Press. <b>72</b>	
Final Shut-in Press. <b>624</b>		Final Shut-in Press. <b>594</b>	
Final Hydro Mud Press. _____		Final Hydro Mud Press. _____	
Temperature <b>102</b>		Tool Open Before I. S. I. <b>10</b>	Mins.
Mud Drop <b>1</b>		Initial Shut-in <b>30</b>	Mins.
Mud Weight <b>10.2</b>	Viscosity <b>36</b>	Flow Period <b>60</b>	Mins.
Fluid Loss <b>30</b>		Final Shut-in <b>30</b>	Mins.
Interval Tested <b>3220 to 3250</b>		Surface Choke Size <b>3/4</b>	
Net Pay Tested <b>4</b>		Bottom Choke Size <b>3/4</b>	
Top Packer Depth <b>3215</b>		Main Hole Size <b>7 7/8</b>	
Bottom Packer Depth <b>3220</b>		Rat Hole Size _____	
Total Depth <b>3250</b>		Feet Of Rat Hole _____	
Drill Pipe Size <b>4 1/2 in</b>	Wt. <b>16.60</b>	Type of Test <b>Open Hole</b>	
Drill Collar I. D. <b>2 1/4</b>	Ft. Run <b>90</b>	Cushion Amount—Type _____	
Anchor Size <b>5 1/2 O.D.</b>		Rubber Size <b>6 3/4</b>	

Recovery—Total Feet \_\_\_\_\_

Recovered **1000** Feet Of **Gas in pipe**

Recovered **65** Feet Of **Gas cut mud**

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

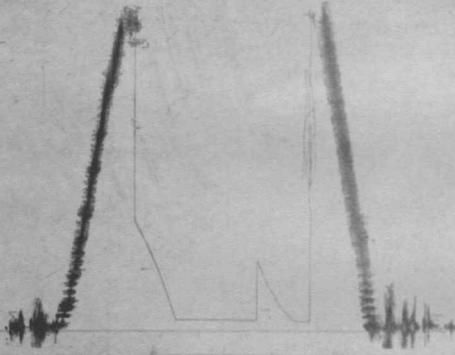
Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Remarks

**Strong blow thru-out test**

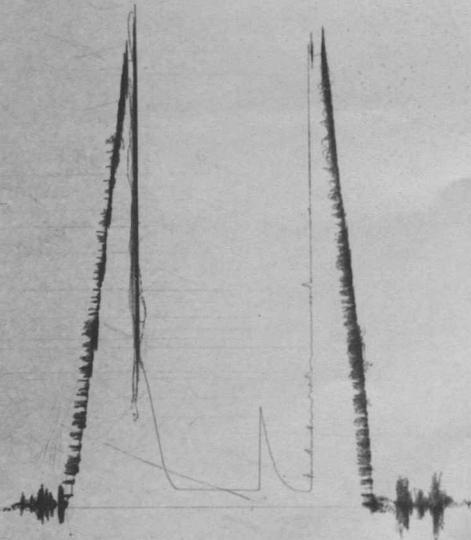
2826

ST-953



1055

ST-953





## DRILL-STEM TEST DATA

Well Name	Staats	Test No.	3
Well Number	1	Zone Tested	Howard
Company	Bowers Drlg Co.	Date	9-26-67
Comp. Rep.	Bob McCann	Tester	V. Williams
Contractor	Co-Tools	Ticket No.	st-954
Location	2-13-14w	Elevation	1970 KB

Recorder No. 2826 Clock Range 12 hr Recorder No. 1055 Clock Range 12 hr  
 Depth 3269 Depth 3607  
 Initial Hydro Mud Press. 1839 Initial Hydro Mud Press. \_\_\_\_\_  
 Initial Shut-in Press. 1242 Initial Shut-in Press. Blank off recorder  
 Initial Flow Press. 147 Initial Flow Press. \_\_\_\_\_  
 Final Flow Press. 149 Final Flow Press. \_\_\_\_\_  
 Final Shut-in Press. 1238 Final Shut-in Press. \_\_\_\_\_  
 Final Hydro Mud Press. \_\_\_\_\_ Final Hydro Mud Press. \_\_\_\_\_

Temperature \_\_\_\_\_ Tool Open Before I. S. I. 10 Mins.  
 Mud Drop 1 Initial Shut-in 30 Mins.  
 Mud Weight 10.3 Viscosity 37 Flow Period 60 Mins.  
 Fluid Loss 36 Final Shut-in 30 Mins.

Interval Tested 3277 to 3308 Surface Choke Size 3/4  
 Net Pay Tested \_\_\_\_\_ Bottom Choke Size 3/4  
 Top Packer Depth 3277 Main Hole Size 7 7/8  
 Bottom Packer Depth 3308 Rat Hole Size \_\_\_\_\_  
 Total Depth 3610 Feet Of Rat Hole \_\_\_\_\_  
 Drill Pipe Size 4 1/2 in Wt. 16.60 Type of Test Straddle Test  
 Drill Collar I. D. 2 1/4 Ft. Run 90 Cushion Amount—Type \_\_\_\_\_  
 Anchor Size 5 1/2 O.D. Rubber Size 6 3/8

Recovery—Total Feet \_\_\_\_\_

Recovered 155 Feet Of Gas cut mud

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

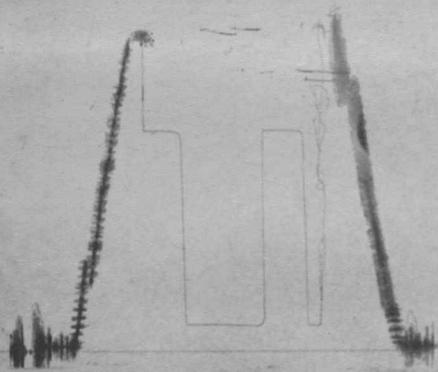
## Remarks

Strong blow Gas to surface 2 1/2 min. gauge 560,000 in 10 min.After I.B.H. gauged 615,000 in 20 min. 615,000 in 30 min. 627,000 in 40 min.635,000 in 50 min. 635,000 in 60 min. B.T.U.932 Helium .525



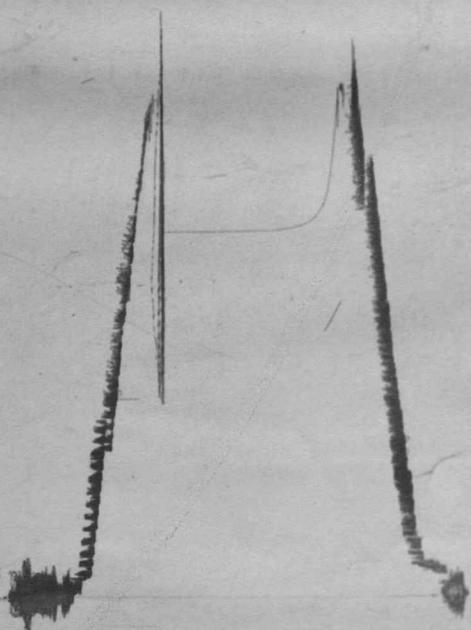
2826

ST-954



1055

ST-954





**DRILL-STEM TEST DATA**

Well Name	<u>Staats</u>	Test No.	<u>4</u>
Well Number	<u>1</u>	Zone Tested	<u>Lansing K.O.</u>
Company	<u>Bowers Drlg Co.</u>	Date	<u>9-28-67</u>
Comp. Rep.	<u>Bob McCann</u>	Tester	<u>V. Williams</u>
Contractor	<u>Co-Tools</u>	Ticket No.	<u>*****</u>
Location	<u>2-13-11w</u>	Elevation	<u>1970 K.B.</u>

Recorder No. 2826 Clock Range 12 hr Recorder No. 1055 Clock Range 12 hr

Depth 3975 Depth 4025

Initial Hydro Mud Press. 2211 Initial Hydro Mud Press. 2211

Initial Shut-in Press. 1266 Initial Shut-in Press. 1281

Initial Flow Press. 61 Initial Flow Press. 72

Final Flow Press. 96 Final Flow Press. 100

Final Shut-in Press. 1253 Final Shut-in Press. 1262

Final Hydro Mud Press. \_\_\_\_\_ Final Hydro Mud Press. \_\_\_\_\_

Temperature 110 Tool Open Before I. S. I. 10 Mins.

Mud Drop 1 Initial Shut-in 30 Mins.

Mud Weight 10.3 Viscosity 43 Flow Period 90 Mins.

Fluid Loss 10.8 Final Shut-in 30 Mins.

Interval Tested 3988 to 4028 Surface Choke Size 3/4

Net Pay Tested \_\_\_\_\_ Bottom Choke Size 3/4

Top Packer Depth 3983 Main Hole Size 7 7/8

Bottom Packer Depth 3988 Rat Hole Size \_\_\_\_\_

Total Depth 4028 Feet Of Rat Hole \_\_\_\_\_

Drill Pipe Size 4 1/2 in Wt. 16.60 Type of Test Open Hole

Drill Collar I. D. 2 1/2 Ft. Run 90 Cushion Amount—Type \_\_\_\_\_

Anchor Size 5 1/2 O.D. Rubber Size 6 3/4

Recovery—Total Feet \_\_\_\_\_

Recovered 180 Feet Of Thin gas cut mud

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

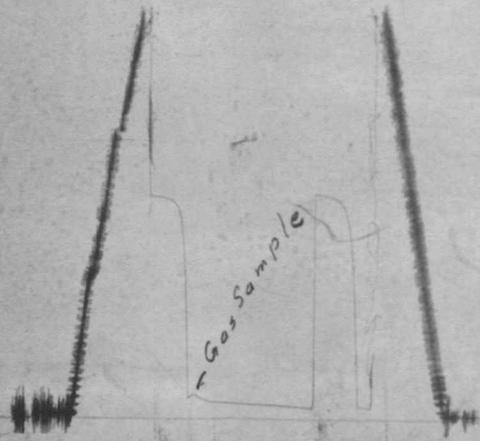
Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

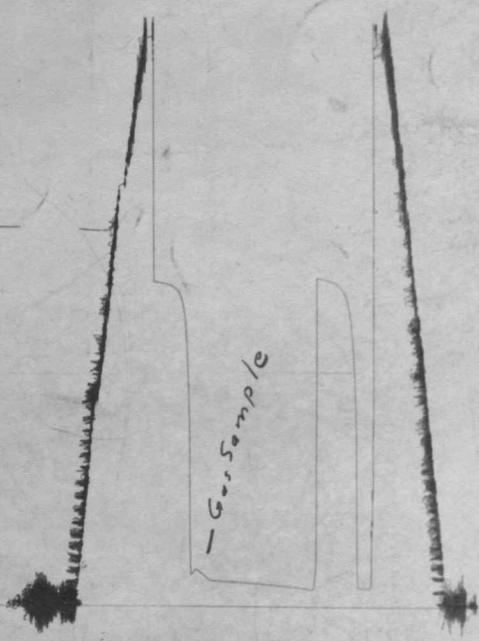
Remarks  
Strong blow Gas to surface 2 min after I.B.H. gauge 84,000 in 10 min.  
90,000 in 20 min. 109,000 in 30 min. 121,000 in 40 min. 129,000 in 50 min.  
134,000 in 60 min. 140,000 in 70 min. Shut in 2" to take gas sample after  
70 min.



2826



1055





### DRILL-STEM TEST DATA

Well Name	Staats	Test No.	5
Well Number	1	Zone Tested	Lansing K.C.
Company	Bowers Drlg Co.	Date	9-29-67
Comp. Rep.	Bob McCann	Tester	V. Williams
Contractor	Co-Tools	Ticket No.	st-955
Location	2-13-14w	Elevation	1970 KB

Recorder No.	2826	Clock Range	12 hr	Recorder No.	1055	Clock Range	12 hr
Depth	4064	Depth	4096	Initial Hydro Mud Press.	2264	Initial Hydro Mud Press.	2264
Initial Shut-in Press.	1456	Initial Shut-in Press.	1471	Initial Flow Press.	55	Initial Flow Press.	63
Final Flow Press.	110	Final Flow Press.	118	Final Shut-in Press.	1407	Final Shut-in Press.	1427
Final Hydro Mud Press.		Final Hydro Mud Press.					

Temperature	112	Tool Open Before I.S.I.	10	Mins.		
Mud Drop	1	Initial Shut-in	30	Mins.		
Mud Weight	10.2	Viscosity	43	Flow Period	30	Mins.
Fluid Loss	10	Final Shut-in	30	Mins.		

Interval Tested	4077 to 4100	Surface Choke Size	3/4		
Net Pay Tested		Bottom Choke Size	3/4		
Top Packer Depth	4072	Main Hole Size	7 7/8		
Bottom Packer Depth	4077	Rat Hole Size			
Total Depth	4100	Feet Of Rat Hole			
Drill Pipe Size	4 1/2 in	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 O.D.	Rubber Size	6 3/4		

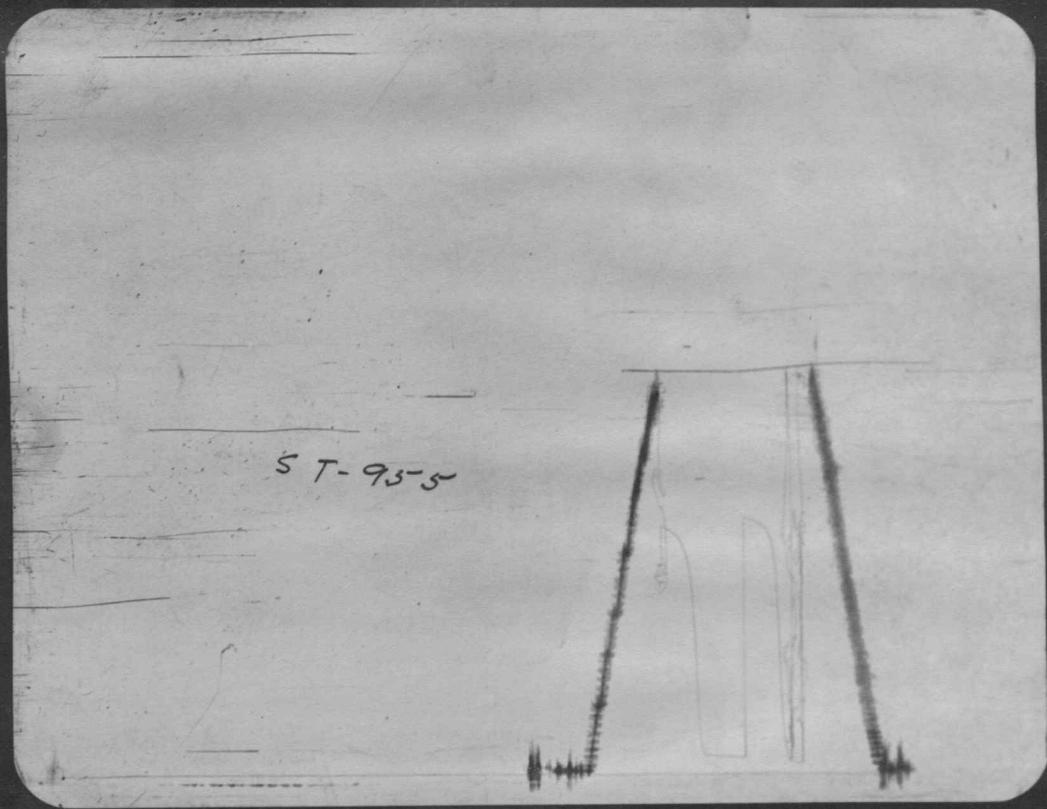
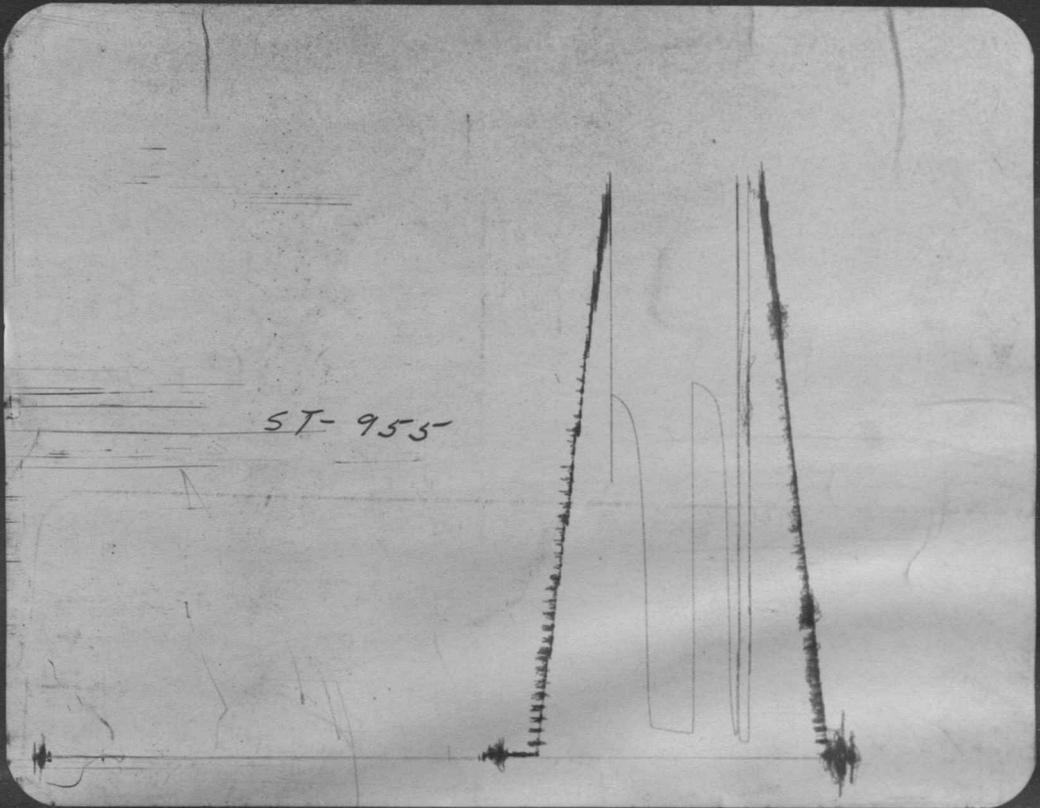
Recovery—Total Feet	
Recovered	180 Feet Of Gas in pipe
Recovered	200 Feet Of Gas cut thin mud few spots oil
Recovered	Feet Of
Recovered	Feet Of

Remarks

Weak blow 5 min. After I.B.H. weak blow 1 1/2 min.

~~Shook~~ Choke was leaking







## DRILL-STEM TEST DATA

Well Name	Staats	Test No.	6
Well Number	1	Zone Tested	Lansing K.C.
Company	Bowers Drlg Co.	Date	9-30-67
Comp. Rep.	Bob McCann	Tester	V. Williams
Contractor	Co-Tools	Ticket No.	St-956
Location	2-13-14w	Elevation	1970 KB

Recorder No.	2826	Clock Range	12 hr	Recorder No.	1055	Clock Range	12 hr
Depth	4146	Depth	4221	Initial Hydro Mud Press.	2264	Initial Hydro Mud Press.	
Initial Shut-in Press.	1290	Initial Shut-in Press.	Blank off recorder	Initial Flow Press.	90	Initial Flow Press.	
Final Flow Press.	275	Final Flow Press.		Final Shut-in Press.	1073	Final Shut-in Press.	
Final Hydro Mud Press.		Final Hydro Mud Press.		Temperature		Tool Open Before I.S.I.	10 Mins.
Mud Drop	1	Initial Shut-in	30 Mins.	Mud Weight	10-2	Viscosity	43
Fluid Loss	10	Flow Period	60 Mins.	Final Shut-in		Final Shut-in	30 Mins.
Interval Tested	4117 to 4154	Surface Choke Size	3/4	Net Pay Tested		Bottom Choke Size	3/4
Top Packer Depth	4117	Main Hole Size	7 7/8	Bottom Packer Depth	4154	Rat Hole Size	
Total Depth	4224	Feet Of Rat Hole		Drill Pipe Size	4 1/2 in	Wt.	16.60
Type of Test	Straddle Test	Drill Collar I.D.	2 1/2	Ft. Run	90	Cushion Amount—Type	
Anchor Size	5 1/2 O.D.	Rubber Size	6 3/4	Recovery—Total Feet			

Recovered	682	Feet Of	Gas in pipe
Recovered	124	Feet Of	Gas cut mud with spots of oil
Recovered	310	Feet Of	Gas cut & slightly oil cut mud
Recovered	124	Feet Of	Gas cut & slightly oil cut watery mud
	120		Water

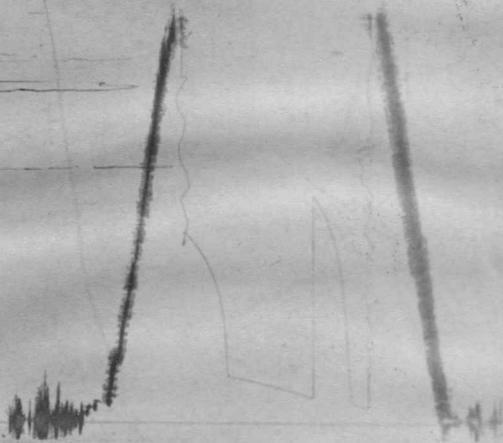
## Remarks

Strong blow decreaslig thru-out test



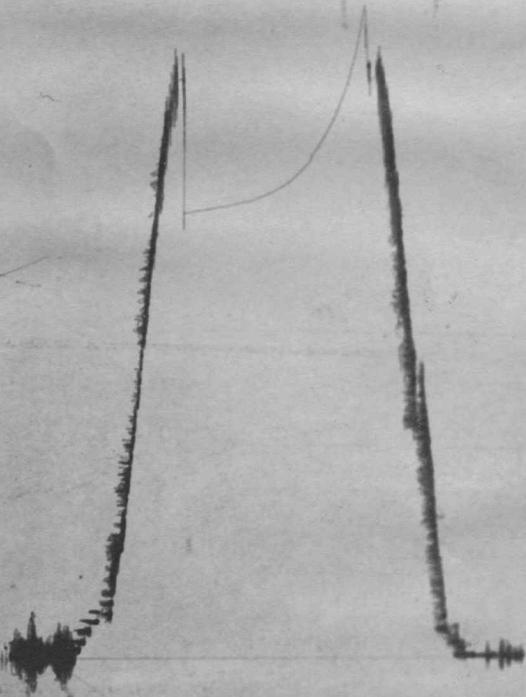
2826

ST-956



1055

ST-956





**DRILL-STEM TEST DATA**

Well Name <b>Staats</b>	Test No. <b>7</b>
Well Number <b>1</b>	Zone Tested <b>Lansing K.C.</b>
Company <b>Bowers Drlg Co.</b>	Date <b>9-30-67</b>
Comp. Rep. <b>Bob McCann</b>	Tester <b>V. Williams</b>
Contractor <b>Co-Tools</b>	Ticket No. <b>St-957</b>
Location <b>2-13-14w</b>	Elevation <b>1870 KB</b>

Recorder No. **2826** Clock Range **12 hr** Recorder No. **1055** Clock Range **12 hr**  
 Depth **4194** Depth **4221**  
 Initial Hydro Mud Press. **2370** Initial Hydro Mud Press. \_\_\_\_\_  
 Initial Shut-in Press. **228** Initial Shut-in Press. **Bottom recorder**  
 Initial Flow Press. **72** Initial Flow Press. **Plugging**  
 Final Flow Press. **79** Final Flow Press. \_\_\_\_\_  
 Final Shut-in Press. **178** Final Shut-in Press. \_\_\_\_\_  
 Final Hydro Mud Press. \_\_\_\_\_ Final Hydro Mud Press. \_\_\_\_\_  
 Temperature **118** Tool Open Before I. S. I. **10** Mins.  
 Mud Drop \_\_\_\_\_ Initial Shut-in **30** Mins.  
 Mud Weight **10.1** Viscosity **40** Flow Period **60** Mins.  
 Fluid Loss **14.4** Final Shut-in **30** Mins.  
 Interval Tested **4207 to 4224** Surface Choke Size **3/4**  
 Net Pay Tested \_\_\_\_\_ Bottom Choke Size **3/4**  
 Top Packer Depth **4202** Main Hole Size **7 7/8**  
 Bottom Packer Depth **4207** Rat Hole Size \_\_\_\_\_  
 Total Depth **4224** Feet Of Rat Hole \_\_\_\_\_  
 Drill Pipe Size **4 1/2 in** Wt. **16.60** Type of Test **Open Hole**  
 Drill Collar I. D. **2 1/2** Ft. Run **90** Cushion Amount—Type \_\_\_\_\_  
 Anchor Size **5 1/2 O.D** Rubber Size **6 3/4**

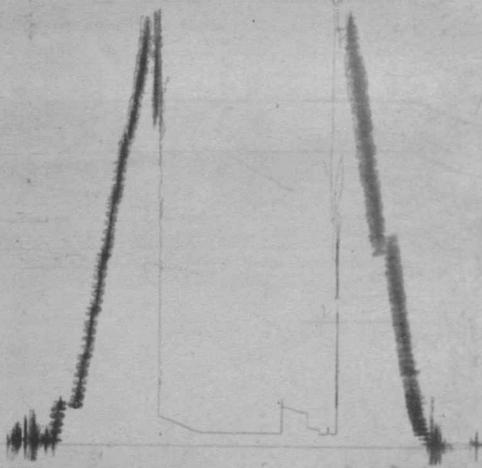
Recovery—Total Feet \_\_\_\_\_  
 Recovered **932** Feet Of **Gas in pipe**  
 Recovered **120** Feet Of **Gas cut mud**  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Remarks

**Fair blow thru-out test Slid tool 6' to bottom**

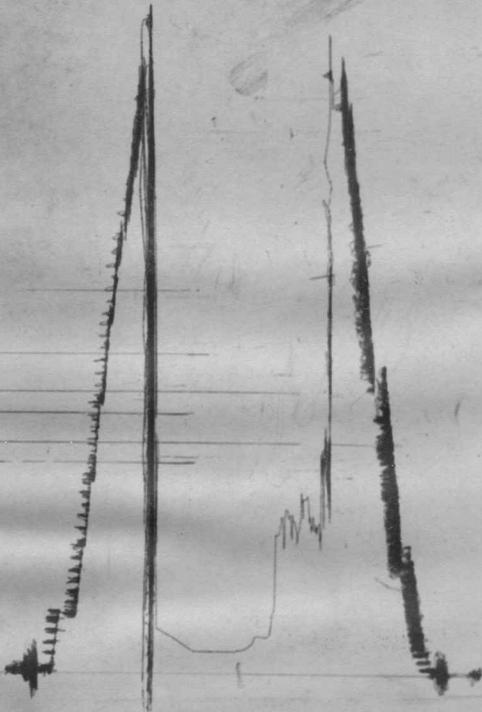
2826

ST-957



1055

ST-957





## DRILL-STEM TEST DATA

Well Name	<b>Staats</b>	Test No.	<b>8</b>
Well Number	<b>1</b>	Zone Tested	<b>Lansing K.C</b>
Company	<b>Bowers Drlg Co.</b>	Date	<b>10-1-67</b>
Comp. Rep.	<b>Bob McCann</b>	Tester	<b>V. Williams</b>
Contractor	<b>Co-Tools</b>	Ticket No.	<b>St-958</b>
Location	<b>2-13-14w</b>	Elevation	<b>1970 KB</b>

Recorder No.	<b>2826</b>	Clock Range	<b>12 hr</b>	Recorder No.	<b>1055</b>	Clock Range	<b>12 hr</b>
Depth	<b>4235</b>	Depth	<b>4267</b>	Initial Hydro Mud Press.	<b>2370</b>	Initial Hydro Mud Press.	<b>2370</b>
Initial Hydro Mud Press.	<b>2370</b>	Initial Shut-in Press.	<b>121</b>	Initial Shut-in Press.	<b>127</b>	Initial Flow Press.	<b>57</b>
Initial Shut-in Press.	<b>121</b>	Initial Flow Press.	<b>57</b>	Final Flow Press.	<b>72</b>	Final Flow Press.	<b>75</b>
Initial Flow Press.	<b>57</b>	Final Shut-in Press.	<b>105</b>	Final Shut-in Press.	<b>106</b>	Final Hydro Mud Press.	
Final Flow Press.	<b>72</b>	Final Hydro Mud Press.		Temperature	<b>118</b>	Tool Open Before I. S. I.	<b>10</b> Mins.
Final Shut-in Press.	<b>105</b>	Temperature	<b>118</b>	Mud Drop	<b>1</b>	Initial Shut-in	<b>30</b> Mins.
Final Hydro Mud Press.		Mud Drop	<b>1</b>	Mud Weight	<b>10.1</b>	Viscosity	<b>40</b>
Temperature	<b>118</b>	Mud Weight	<b>10.1</b>	Fluid Loss	<b>14.4</b>	Flow Period	<b>30</b> Mins.
Mud Drop	<b>1</b>	Fluid Loss	<b>14.4</b>	Interval Tested	<b>4248 to 4270</b>	Final Shut-in	<b>30</b> Mins.
Mud Weight	<b>10.1</b>	Interval Tested	<b>4248 to 4270</b>	Net Pay Tested		Surface Choke Size	<b>3/4</b>
Viscosity	<b>40</b>	Net Pay Tested		Top Packer Depth	<b>4243</b>	Bottom Choke Size	<b>3/4</b>
Fluid Loss	<b>14.4</b>	Top Packer Depth	<b>4243</b>	Bottom Packer Depth	<b>4248</b>	Main Hole Size	<b>7 7/8</b>
Interval Tested	<b>4248 to 4270</b>	Bottom Packer Depth	<b>4248</b>	Total Depth	<b>4270</b>	Rat Hole Size	
Net Pay Tested		Total Depth	<b>4270</b>	Drill Pipe Size	<b>4 1/2 in</b>	Feet Of Rat Hole	
Top Packer Depth	<b>4243</b>	Drill Pipe Size	<b>4 1/2 in</b>	Wt.	<b>16.60</b>	Type of Test	<b>Open hole</b>
Bottom Packer Depth	<b>4248</b>	Wt.	<b>16.60</b>	Drill Collar I. D.	<b>2 1/2</b>	Cushion Amount—Type	
Total Depth	<b>4270</b>	Drill Collar I. D.	<b>2 1/2</b>	Ft. Run	<b>90</b>	Rubber Size	<b>6 3/4</b>
Drill Pipe Size	<b>4 1/2 in</b>	Ft. Run	<b>90</b>	Anchor Size	<b>5 1/2 O.D.</b>		
Wt.	<b>16.60</b>	Anchor Size	<b>5 1/2 O.D.</b>				

Recovery—Total Feet

Recovered **60** Feet Of **Drlg mud few specks of oil**

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

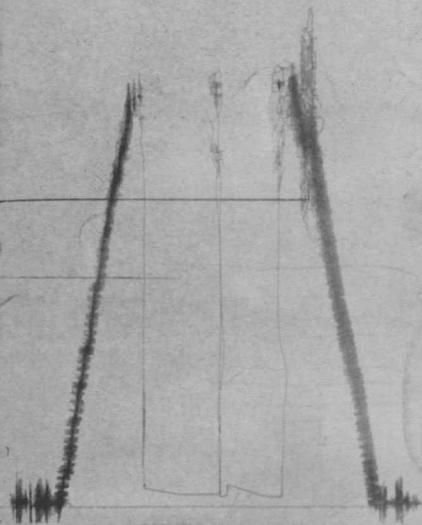
Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Remarks

**Weak blow 10 min. Flushed tool weak surge**

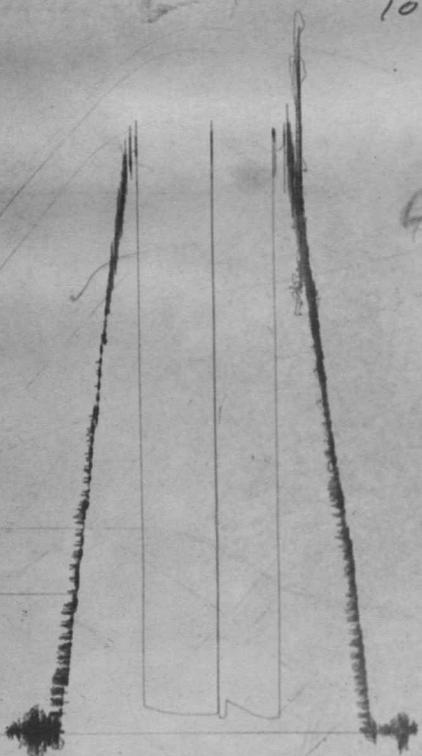
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5T-958



1055

5T-958





## DRILL-STEM TEST DATA

Well Name <b>Staats</b>	Test No. <b>9</b>
Well Number <b>1</b>	Zone Tested <b>Arbuckle</b>
Company <b>Bowers Drlg Co.</b>	Date <b>10-3-67</b>
Comp. Rep. <b>Bob McCann</b>	Tester <b>V. Williams</b>
Contractor <b>Co-tools</b>	Ticket No. <b>St-960</b>
Location <b>2-13-14w</b>	Elevation <b>1970 KB</b>

Recorder No. 2826 Clock Range 12 hr Recorder No. 1055 Clock Range 12 hr  
 Depth 4425 Depth 4477  
 Initial Hydro Mud Press. 2455 Initial Hydro Mud Press. 2455  
 Initial Shut-in Press. 1383 Initial Shut-in Press. 1398  
 Initial Flow Press. 264 Initial Flow Press. 268  
 Final Flow Press. # 429 Final Flow Press. 437  
 Final Shut-in Press. 1148 Final Shut-in Press. 1081  
 Final Hydro Mud Press. \_\_\_\_\_ Final Hydro Mud Press. \_\_\_\_\_

Temperature 124 Tool Open Before I. S. I. 10 Mins.  
 Mud Drop 1 Initial Shut-in 30 Mins.  
 Mud Weight 10.3 Viscosity 53 Flow Period 30 Mins.  
 Fluid Loss 6.8 Final Shut-in 30 Mins.

Interval Tested 4438 to 4480 Surface Choke Size 3/4  
 Net Pay Tested \_\_\_\_\_ Bottom Choke Size 3/4  
 Top Packer Depth 4433 Main Hole Size 7 7/8  
 Bottom Packer Depth 4438 Rat Hole Size \_\_\_\_\_  
 Total Depth 4480 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 O.D. Rubber Size 6 3/4

Recovery—Total Feet \_\_\_\_\_

Recovered 360 Feet Of Gassy muddy water

Recovered 1000 Feet Of Gassy sulphur water

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

## Remarks

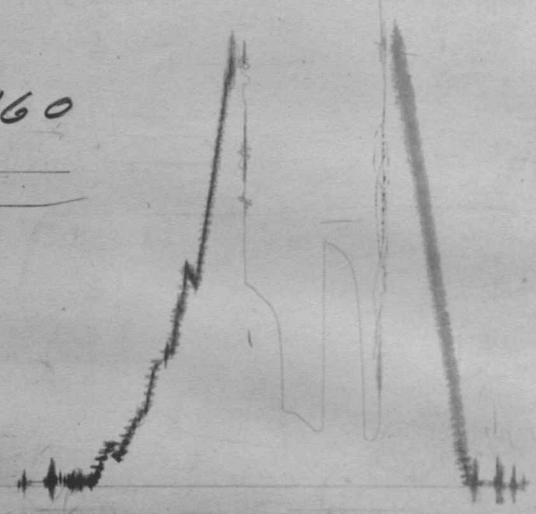
Strong Blow Gas to surface 3 min. Gauge 196,000 in 10 min.

After I.B.H. gauge 196,000 in 10 & 20 & 30 min.



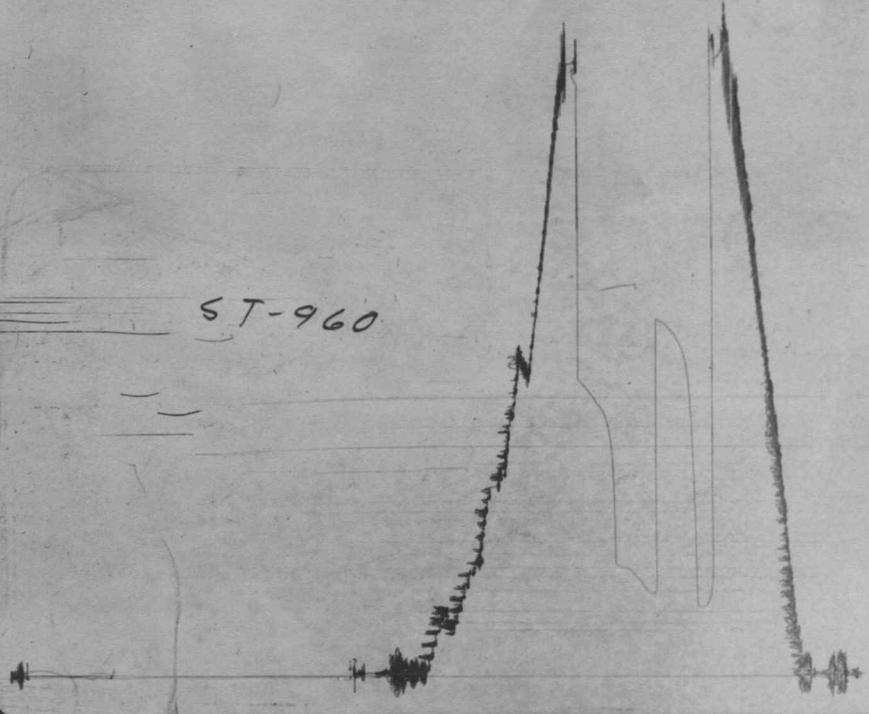
2826

ST-960



1055

ST-960





## DRILL-STEM TEST DATA

Well Name <b>Staats</b>	Test No. <b>10</b>
Well Number <b>1</b>	Zone Tested <b>Arbuckle</b>
Company <b>Bowers Drlg Co.</b>	Date <b>10-4-67</b>
Comp. Rep. <b>Bob McCann</b>	Tester <b>V. Williams</b>
Contractor <b>Co-Tools</b>	Ticket No. <b>st-959</b>
Location <b>2-13-14w</b>	Elevation <b>1970 KB</b>

Recorder No. **2826** Clock Range **12 hr** Recorder No. **1055** Clock Range **12 hr**  
 Depth **4485** Depth **4526**  
 Initial Hydro Mud Press. **2561** Initial Hydro Mud Press. \_\_\_\_\_  
 Initial Shut-in Press. **1508** Initial Shut-in Press. **Blank off recorder**  
 Initial Flow Press. **72** Initial Flow Press. \_\_\_\_\_  
 Final Flow Press. **382** Final Flow Press. \_\_\_\_\_  
 Final Shut-in Press. **1433** Final Shut-in Press. \_\_\_\_\_  
 Final Hydro Mud Press. \_\_\_\_\_ Final Hydro Mud Press. \_\_\_\_\_

Temperature \_\_\_\_\_ Tool Open Before I. S. I. **10** Mins.  
 Mud Drop **1** Initial Shut-in **30** Mins.  
 Mud Weight **10.2** Viscosity **48** Flow Period **60** Mins.  
 Fluid Loss **8** Final Shut-in **30** Mins.

Interval Tested **4493 to 4510** Surface Choke Size **3/4**  
 Net Pay Tested \_\_\_\_\_ Bottom Choke Size **3/4**  
 Top Packer Depth **4493** Main Hole Size **7 7/8**  
 Bottom Packer Depth **4510** Rat Hole Size \_\_\_\_\_  
 Total Depth **4529** Feet Of Rat Hole \_\_\_\_\_  
 Drill Pipe Size **4 1/2** fn Wt. **16.60** Type of Test **Straddle Test**  
 Drill Collar I. D. **2 1/2** Ft. Run **90** Cushion Amount—Type \_\_\_\_\_  
 Anchor Size **5 1/2** O. D. Rubber Size **6 3/4**

Recovery—Total Feet \_\_\_\_\_  
 Recovered **1300** Feet Of **Gas in pipe**  
 Recovered **250** Feet Of **Oil & gas cut ~~and~~ watery mud**  
 Recovered **620** Feet Of **Gassy water**  
 Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

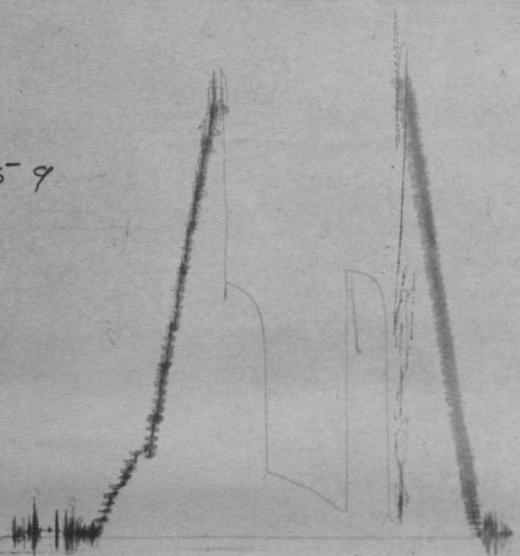
## Remarks

**Strong blow thru-out test**



2826

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1055

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