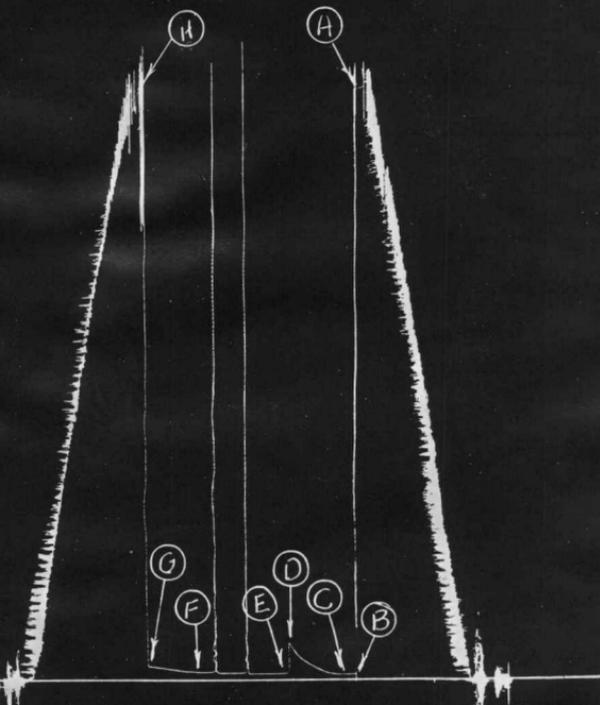


Pickrell Drlg. Co.  
Mooney "B" #1

TEST #1  
TKT# 5244





Home Office: Great Bend, Kansas  
P. O. Box 793 Swift 3-7903

Company Pickrell Drilling Company Lease & Well No. Mooney #1-B  
Elevation 2210 Derrick Floor Formation Ft. Scott Ticket Number 5244  
Date Nov. 27, 1965 Sec. 19 Twp. 22 Range 21 County Hodgeman State Kansas  
Test Approved by Ralph W. Ruwwe Western Representative George Tew

Formation Test No. 1 O.K.  Misrun \_\_\_\_\_ Interval Tested From 4345' to 4390' Total Depth 4390'  
Size Main Hole 7 7/8 Rat Hole None Conv. \_\_\_\_\_ B.T.  Damaged  Yes \_\_\_\_\_ No \_\_\_\_\_ Conv.  B.T. \_\_\_\_\_ Damaged \_\_\_\_\_ Yes  No \_\_\_\_\_  
Packer Depth 4345 Ft. Size 6 3/4 Packer Depth 4340 Ft. Size 6 3/4  
Straddle \_\_\_\_\_ Yes  No \_\_\_\_\_ Conv. \_\_\_\_\_ B.T. \_\_\_\_\_ Damaged \_\_\_\_\_ Yes \_\_\_\_\_ No \_\_\_\_\_  
Packer Depth \_\_\_\_\_ Ft. Size \_\_\_\_\_

Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 FH Anchor Length 45 Ft. Size 30' 6' OD - DC  
Size 15' 5 1/2 OD Anchor \_\_\_\_\_

RECORDERS Depth 4352 Ft. Clock No. 5665 Depth 4355 Ft. Clock No. 123  
Top Make Kuster Cap. 4200 No. 1558 ~~Inside~~ Outside Bottom Make Western Cap. 4000 No. 4 ~~Inside~~ Outside  
Below Straddle: Depth \_\_\_\_\_ Clock No. \_\_\_\_\_ Inside Depth \_\_\_\_\_ Ft. Clock No. \_\_\_\_\_ Outside  
Top Make \_\_\_\_\_ Cap. \_\_\_\_\_ No. \_\_\_\_\_ Inside Bottom Make \_\_\_\_\_ Cap. \_\_\_\_\_ No. \_\_\_\_\_ Outside

Time Set Packer 7:58 P M  
Tool Open I.F.P. From 8:00 M to 8:08 M Hr. 8 Min. From (B) 21 P.S.I. To (C) 21 P.S.I.  
Tool Closed I.C.I.P. From 8:08 M. to 8:38 M. Hr. 30 Min. (D) 141 P.S.I.  
Tool Open F.F.P. From 8:38 M. to 9:28 M. Hr. 50 Min. From (E) 21 P.S.I. To (F) 29 P.S.I.  
Tool Closed F.C.I.P. From 9:28 M. to 9:58 M. Hr. 30 Min. (G) 52 P.S.I.  
Initial Hydrostatic Pressure (A) 2300 P.S.I. Final Hydrostatic Pressure (H) 2288 P.S.I.

SURFACE Size Choke 1/2 in. Max. Press. P.S.I. \_\_\_\_\_ Time \_\_\_\_\_ Description of Flow \_\_\_\_\_  
INFORMATION \_\_\_\_\_ M. \_\_\_\_\_  
\_\_\_\_\_ M. \_\_\_\_\_  
\_\_\_\_\_ M. \_\_\_\_\_

BLOW Weak to dead in seven minutes. Bottom Choke Size 3/4 In.  
Did Well Flow \_\_\_\_\_ Yes  No \_\_\_\_\_ Recovery Total Ft. 30' drilling mud

Reversed Out \_\_\_\_\_ Yes  No \_\_\_\_\_ Mud Type gel. Viscosity 45 Weight 9.9 Maximum Temp. 108 °F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Jars: Size \_\_\_\_\_ Make \_\_\_\_\_ Ser. No. \_\_\_\_\_  
Type Circ. Sub. plug Did Tool Plug? no Where? \_\_\_\_\_ Did Packer Hold? yes  
Length Drill Pipe 3275 ft. I.D. Drill Pipe 3.8 in Length Weight Pipe 1050 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars \_\_\_\_\_ ft.  
I. D. Drill Collars \_\_\_\_\_ in. Length D.S.T. Tool 65 ft.

Remarks Flushed too! at 8:58P.M. & 9:18PM

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date November 27, 1965

Test Ticket No. 5244

Recorder No. 1558

Capacity 4200 Location 4352 Ft.

Clock No. 5665

Elevation 2210 Derrick Floor Well Temperature 108 °F

Point	Pressure	
A Initial Hydrostatic Mud	<u>2300</u>	P.S.I.
B First Initial Flow Pressure	<u>21</u>	P.S.I.
C First Final Flow Pressure	<u>21</u>	P.S.I.
D Initial Closed-in Pressure	<u>141</u>	P.S.I.
E Second Initial Flow Pressure	<u>21</u>	P.S.I.
F Second Final Flow Pressure	<u>29</u>	P.S.I.
G Final Closed-in Pressure	<u>52</u>	P.S.I.
H Final Hydrostatic Mud	<u>2288</u>	P.S.I.

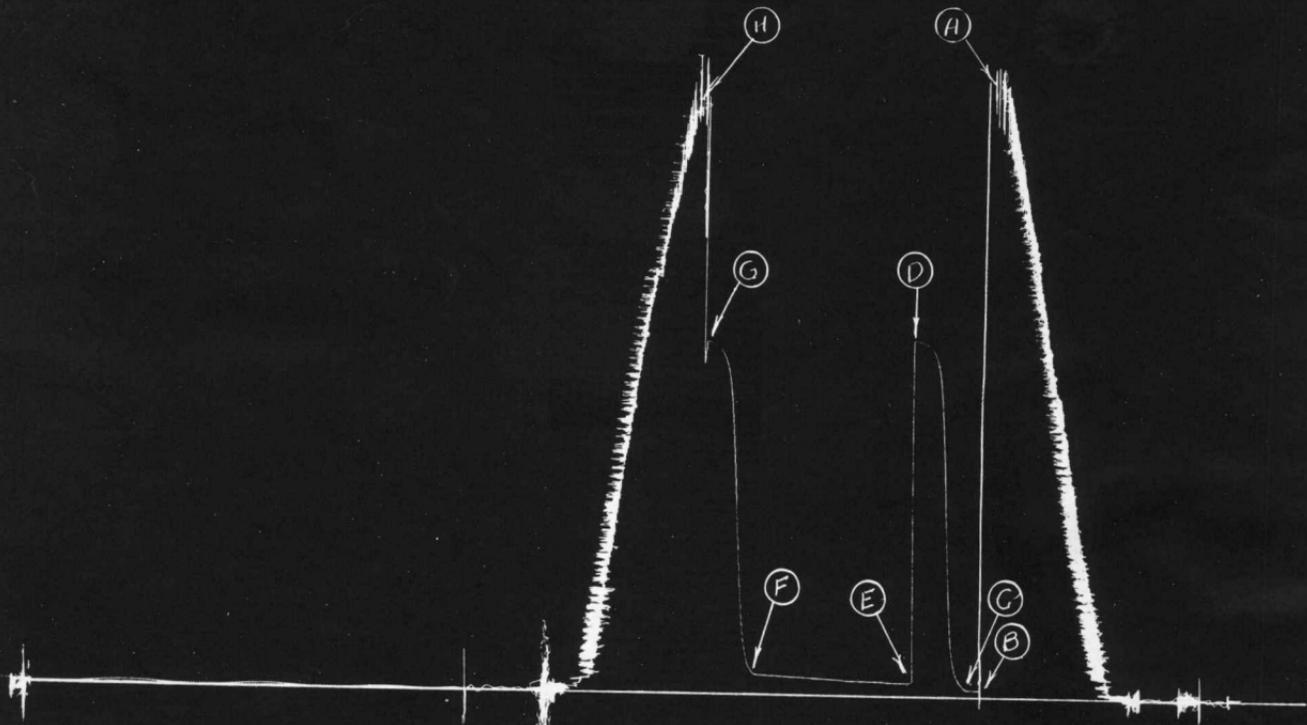
	Time Given	Time Computed
Opened Tool	<u>7:58 P.M.</u>	
First Flow Pressure	<u>8</u> Mins.	<u>8</u> Mins.
Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
Second Flow Pressure	<u>50</u> Mins.	<u>50</u> Mins.
Final Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.

**PRESSURE BREAKDOWN**

Point Mins.	First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
	final inc. of <u>3</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1 <u>0</u>	<u>21</u>	<u>0</u>	<u>21</u>	<u>0</u>	<u>21</u>	<u>0</u>	<u>29</u>	
P 2 <u>5</u>	<u>21</u>	<u>3</u>	<u>22</u>	<u>5</u>	<u>21</u>	<u>3</u>	<u>29</u>	
P 3 <u>8</u>	<u>21</u>	<u>6</u>	<u>23</u>	<u>10</u>	<u>21</u>	<u>6</u>	<u>30</u>	
P 4		<u>9</u>	<u>27</u>	<u>15</u>	<u>21</u>	<u>9</u>	<u>32</u>	
P 5		<u>12</u>	<u>35</u>	<u>20</u>	<u>21</u>	<u>12</u>	<u>35</u>	
P 6		<u>15</u>	<u>48</u>	<u>25</u>	<u>24</u>	<u>15</u>	<u>42</u>	
P 7		<u>18</u>	<u>59</u>	<u>30</u>	<u>24</u>	<u>18</u>	<u>44</u>	
P 8		<u>21</u>	<u>73</u>	<u>35</u>	<u>24</u>	<u>21</u>	<u>47</u>	
P 9		<u>24</u>	<u>88</u>	<u>40</u>	<u>24</u>	<u>24</u>	<u>50</u>	
P10		<u>27</u>	<u>111</u>	<u>45</u>	<u>29</u>	<u>27</u>	<u>52</u>	
P11		<u>30</u>	<u>141</u>	<u>50</u>	<u>29</u>			
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								

Pickrell Drlg. Co.  
Mooney "B" #1

TEST # 2.  
TKT # 5245





Home Office: Great Bend, Kansas  
P. O. Box 793 Swift 3-7903

Company Pickrell Drilling Company Lease & Well No. Mooney #B-1  
Elevation 2210 Derrick Floor Formation Mississippi Ticket Number 5245  
Date Nov. 28, 1965 Sec. 19 Twp. 22 Range 21 County Hodgeman State Kansas  
Test Approved by Ralph W. Ruwwe Western Representative George Tew

Formation Test No. 2 O.K.  Misrun \_\_\_\_\_ Interval Tested From 4403' to 4437' Total Depth 4437'  
Size Main Hole 7 7/8 Rat Hole none Conv. \_\_\_\_\_ B.T.  Damaged \_\_\_\_\_ Yes  No Conv.  B.T. \_\_\_\_\_ Damaged \_\_\_\_\_ Yes  No  
Packer Depth 4403 Ft. Size 6 3/4 Packer Depth 4398 Ft. Size 6 3/4  
Straddle \_\_\_\_\_ Yes  No \_\_\_\_\_ Conv. \_\_\_\_\_ B.T. \_\_\_\_\_ Damaged \_\_\_\_\_ Yes \_\_\_\_\_ No  
Packer Depth \_\_\_\_\_ Ft. Size \_\_\_\_\_

Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 FH Anchor Length 34 Ft. Size 5 1/2 OD  
RECORDERS Depth 4428 Ft. Clock No. 5665 Depth 4431 Ft. Clock No. 423  
Top Make Kuster Cap. 4200 No. 1558 ~~Inside~~ Outside Bottom Make Western Cap. 4000 No. 4 ~~Inside~~ Outside  
Below Straddle: Depth \_\_\_\_\_ Clock No. \_\_\_\_\_ ~~Inside~~ Outside Depth \_\_\_\_\_ Ft. Clock No. \_\_\_\_\_ ~~Inside~~ Outside  
Top Make \_\_\_\_\_ Cap. \_\_\_\_\_ No. \_\_\_\_\_ ~~Inside~~ Outside Bottom Make \_\_\_\_\_ Cap. \_\_\_\_\_ No. \_\_\_\_\_ ~~Inside~~ Outside

Time Set Packer 12:42 P M  
Tool Open I.F.P. From 12:45P M to 12:55 M Hr. 10 Min. From (B) 27 P.S.I. To (C) 28 P.S.I.  
Tool Closed I.C.I.P. From 12:55 M. to 1:25 M. Hr. 30 Min. (D) 1395 P.S.I.  
Tool Open F.F.P. From 1:25 M. to 2:55 M. 1 Hr. 30 Min. From (E) 52 P.S.I. To (F) 78 P.S.I.  
Tool Closed F.C.I.P. From 2:55P M. to 3:25 M. Hr. 30 Min. (G) 1384 P.S.I.  
Initial Hydrostatic Pressure (A) 2349 P.S.I. Final Hydrostatic Pressure (H) 2328 P.S.I.

SURFACE Size Choke 1/2 In. Max. Press. P.S.I. \_\_\_\_\_ Time \_\_\_\_\_ Description of Flow \_\_\_\_\_  
INFORMATION \_\_\_\_\_ M. \_\_\_\_\_  
\_\_\_\_\_ M. \_\_\_\_\_  
\_\_\_\_\_ M. \_\_\_\_\_

BLOW Weak steady blow throughout test. Bottom Choke Size 3/4 In.  
Did Well Flow \_\_\_\_\_ Yes  No \_\_\_\_\_ Recovery Total Ft. 180' gas in pipe; 120' fluid; 60' heavy oil cut mud;  
60' slightly oil cut mud. Mud \_\_\_\_\_  
Reversed Out \_\_\_\_\_ Yes  No \_\_\_\_\_ Mud Type Gel. Viscosity 40 Weight 9.7 Maximum Temp. 118 °F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Jars: Size \_\_\_\_\_ Make \_\_\_\_\_ Ser. No. \_\_\_\_\_  
Type Circ. Sub. plug Did Tool Plug? no Where? \_\_\_\_\_ Did Packer Hold? yes  
Length Drill Pipe 3333 ft. I.D. Drill Pipe 3.8 in Length Weight Pipe 1050 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars \_\_\_\_\_ ft.  
I. D. Drill Collars \_\_\_\_\_ in. Length D.S.T. Tool 54 ft.

Remarks \_\_\_\_\_

# WESTERN TESTING CO., INC.

## Pressure Data

Date November 28, 1965

Test Ticket No. 5245

Recorder No. 1558

Capacity 4200

Location 4428 Ft.

Clock No. 5665

Elevation 2210 Derrick Floor

Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2349</u>	P.S.I.	<u>12:42 P</u>	<u>M</u>
B First Initial Flow Pressure	<u>27</u>	P.S.I.	<u>10</u>	<u>10</u> Mins.
C First Final Flow Pressure	<u>28</u>	P.S.I.	<u>30</u>	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1395</u>	P.S.I.	<u>90</u>	<u>86</u> Mins.
E Second Initial Flow Pressure	<u>52</u>	P.S.I.	<u>30</u>	<u>27</u> Mins.
F Second Final Flow Pressure	<u>78</u>	P.S.I.		
G Final Closed-in Pressure	<u>1384</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2328</u>	P.S.I.		

### PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>2</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>17</u> Inc.		Breakdown: <u>9</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>1</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>27</u>	<u>0</u>	<u>28</u>	<u>0</u>	<u>52</u>	<u>0</u>	<u>78</u>
P 2 <u>5</u>	<u>27</u>	<u>3</u>	<u>43</u>	<u>5</u>	<u>52</u>	<u>3</u>	<u>111</u>
P 3 <u>10</u>	<u>28</u>	<u>6</u>	<u>107</u>	<u>10</u>	<u>53</u>	<u>6</u>	<u>181</u>
P 4		<u>9</u>	<u>299</u>	<u>15</u>	<u>53</u>	<u>9</u>	<u>434</u>
P 5		<u>12</u>	<u>714</u>	<u>20</u>	<u>54</u>	<u>12</u>	<u>851</u>
P 6		<u>15</u>	<u>1198</u>	<u>25</u>	<u>55</u>	<u>15</u>	<u>1238</u>
P 7		<u>18</u>	<u>1330</u>	<u>30</u>	<u>56</u>	<u>18</u>	<u>1330</u>
P 8		<u>21</u>	<u>1367</u>	<u>35</u>	<u>58</u>	<u>21</u>	<u>1357</u>
P 9		<u>24</u>	<u>1384</u>	<u>40</u>	<u>60</u>	<u>24</u>	<u>1374</u>
P10		<u>27</u>	<u>1392</u>	<u>45</u>	<u>63</u>	<u>27</u>	<u>1384</u>
P11		<u>30</u>	<u>1395</u>	<u>50</u>	<u>65</u>		
P12				<u>55</u>	<u>67</u>		
P13				<u>60</u>	<u>69</u>		
P14				<u>65</u>	<u>71</u>		
P15				<u>70</u>	<u>73</u>		
P16				<u>75</u>	<u>74</u>		
P17				<u>80</u>	<u>76</u>		
P18				<u>85</u>	<u>77</u>		
P19				<u>86</u>	<u>78</u>		
P20							

Pickrell Drilg. Co.  
Mooney "B" #1

Test # 3  
TKT # 5246

