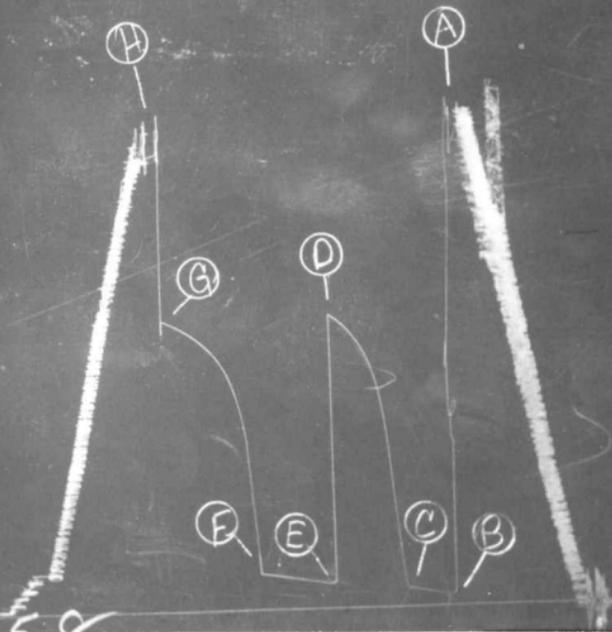


TKT# 22689

I.





Home Office: Wichita, Kansas 67201
 P. O. Box 1599 (316) 838-0601

Company Robert E. Campbell Oil & Gas Operations Lease & Well No. Benson-Yeager #1
 Elevation 1553 Kelly Bush. Formation Mississippi Effective Pay - Ft. Ticket No. 22689
 Date 10-5-77 Sec. 9 Twp. 29S Range 16W County Kingman State Kansas

Test Approved by Innes Phillips Western Representative Sam McClune
 Formation Test No. 3 O.K. Misrun Interval Tested From 4103' to 4125' Total Depth 4125'

Size Main Hole 7 7/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
 Top Packer Depth 4098 Ft. Size 6 3/4 Bottom Packer Depth 4103 Ft. Size 6 3/4

Straddle Conv. B.T. Damaged Yes No Packer Depth Ft. Size
 Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 22 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4119 Ft. Clock No. 6800 Depth 4121 Ft. Clock No. 10167
 Top Make Kuster Cap. 4200 No. 1558 Inside Outside Bottom Make Kuster Cap. 4200 No. 1559 Inside Outside
 Below Straddle: Depth Rec. No. Clock No. Inside Outside

Time Set Packer 12:22 A. M
 Tool Open I.F.P. From 12:25A M. to 12:55A M. - Hr. 30 Min. From (B) 57 P.S.I. To (C) 80 P.S.I.
 Tool Closed I.C.I.P. From 12:55A M. to 1:40A M. - Hr. 45 Min (D) 1288 P.S.I.
 Tool Open F.F.P. From 1:40A M. to 2:25A M. - Hr. 45 Min. From (E) 112 P.S.I. To (F) 158 P.S.I.
 Tool Closed F.C.I.P. From 2:25A M. to 3:25A M. - Hr. 60 Min. (G) 1280 P.S.I.
 Initial Hydrostatic Pressure (A) 2110 P.S.I. Final Hydrostatic Pressure (H) 2025 P.S.I. Maximum Temp. 135

INFORMATION

BLOW Strong blow throughout test.

Did Well Flow Yes - No Recovery Total Ft. 125' of oil and gas cut mud (16% oil, 50% mud) 120' oil and gas cut muddy water (10% oil, 6% water, 40% mud) 60' gas cut muddy water. 305' total fluid recovery. 3717' of gas in pipe Chlorides checked: 102,000 PPM

Reversed Out Yes No Mud Type Premix Viscosity 43 Weight 9.6 Water Loss 11.6 cc. Chlorides 10,000 PPM

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Jars: Size In. Make Ser. No.

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where?

DRILLING CONTRACTOR Seach Drlg. Length Drill Pipe? 4072 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe Ft. I.D. Weight Pipe In. Tool Joint Size In. Length Drill Collars Ft. I.D. Drill Collars In.

Tool Joint Size In. Length D.S.T. Tool Ft.

Remarks: See attached sheet for gas measurements.



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 P. O. Box 1599 (316) 838-0601

GAS FLOW REPORT

Date 10-5-77 Ticket 22689 Company Robert E. Campbell Oil & Gas Operations
 Well Name and No. Benson-Yeager #1 Dst No. 3 Interval Tested 4103' - 4125'
 County Kingman State Kansas Sec. 9 Twp. 29S Rg. 16W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitor Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						

SECOND FLOW						
1:52AM	0 min.	1" of water	1/4" orifice			Gas to surface
1:55AM	5 min.	5" of water	1/4" orifice			1,680 C.F.P.D.
2:00AM	10 min.	5" of water	1/4" orifice			3,710 C.F.P.D.
2:05AM	15 min.	6" of water	1/4" orifice			4,120 C.F.P.D.
2:10AM	20 min.	6" of water	1/4" orifice			4,120 C.F.P.D.
2:15AM	25 min.	7" of water	1/4" orifice			4,450 C.F.P.D.
2:20AM	30 min.	7" of water	1/4" orifice			4,450 C.F.P.D.
2:25AM	35 min.	7" of water	1/4" orifice			4,450 C.F.P.D.

GAS BOTTLE

Serial No. - Date Bottle Filled - Date to be Invoiced -

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

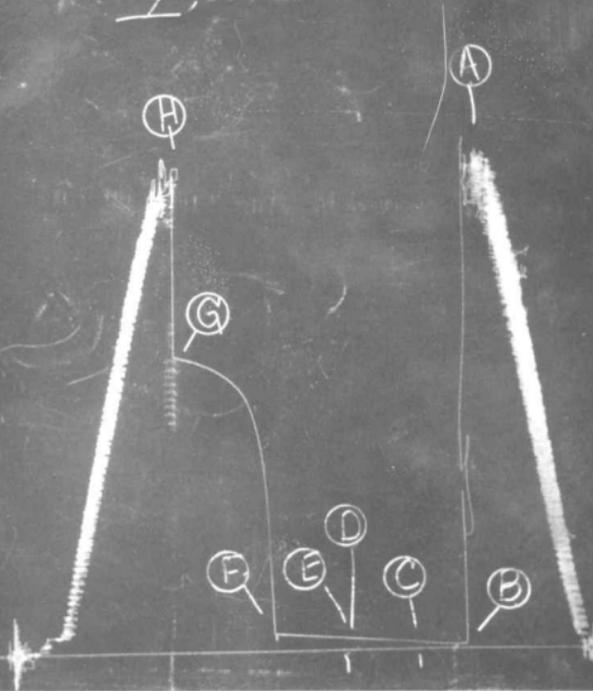
All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Robert E. Campbell Oil & Gas
Operations

Authorized by Innes Phillips

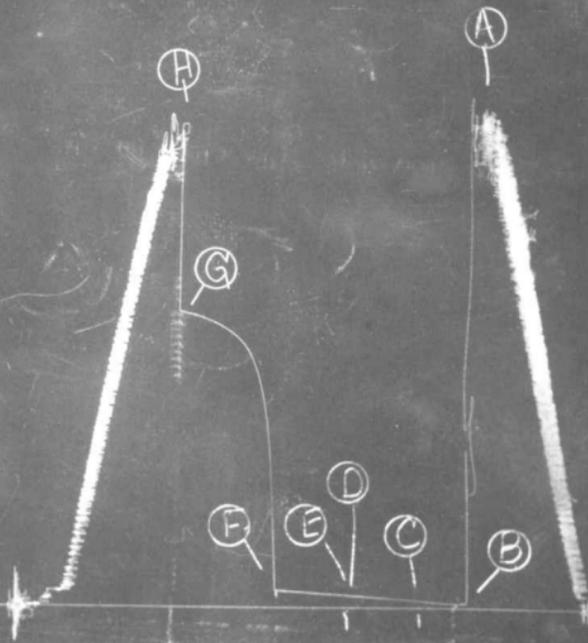
TK# 22688

I.



TKT# 22688

I.





Home Office: Wichita, Kansas 67201
 P. O. Box 1599 (316) 838-0601

Company Robert E. Campbell Oil & Gas Operations Lease & Well No. Benson & Yeager #1

Elevation - Formation Mississippi Effective Pay - Ft. Ticket No. 22688

Date 10-4-77 Sec. 9 Twp. 29S Range 16W County Kingman State Kansas

Test Approved by Innes Phillips Western Representative Sam McClune

Formation Test No. 2 O.K. Misrun Interval Tested From 4098' to 4108' Total Depth 4108'

Size Main Hole 7 7/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No

Top Packer Depth 4095 Ft. Size 6 3/4 Bottom Packer Depth 4098 Ft. Size 6 3/4

Straddle Conv. B.T. Damaged Yes No Packer Depth - Ft. Size -

Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 10 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4101 Ft. Clock No. 6800 Depth 4104 Ft. Clock No. 10167

Top Make Kuster Cap. 4200 No. 1558 Inside Outside Bottom Make Kuster Cap. 4200 No. 1559 Inside Outside

Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 9:28 M

Tool Open I.F.P. From 9:30 M. to 10:00 M. - Hr. 30 Min. From (B) 23 P.S.I. To (C) 32 P.S.I.

Tool Closed I.C.I.P. From 10:00 M. to 10:45 M. - Hr. 45 Min (D) 55 P.S.I.

Tool Open F.F.P. From 10:45 M. to 11:30 M. - Hr. 45 Min. From (E) 55 P.S.I. To (F) 75 P.S.I.

Tool Closed F.C.I.P. From 11:30 M. to 12:30 M. - Hr. 60 Min. (G) 1307 P.S.I.

Initial Hydrostatic Pressure (A) 2114 P.S.I. Final Hydrostatic Pressure (H) 2084 P.S.I. Maximum Temp. 128

INFORMATION

BLOW Strong blow throughout test.

Did Well Flow Yes - No Recovery Total Ft. 100' of muddy water with spots of oil, 60' of water, 3917' gas in pipe (Chlorides checked: 102,000 PPM)

Reversed Out - Yes No Mud Type Premx Viscosity 43 Weight 9.6 Water Loss 11.6 cc. Chlorides 10,000 PPM

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size - In. Make - Ser. No. -

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Search Drlg. Length Drill Pipe? 4077 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars - Ft. I.D. Drill Collars - In.

Tool Joint Size - In. Length D.S.T. Tool 31 Ft.

Remarks:



Home Office: Wichita, Kansas 67201
 P. O. Box 1599 (316) 838-0601

GAS FLOW REPORT

Date 10-4-77 Ticket 22688 Company Robert E. Campbell Oil & Gas Operations
 Well Name and No. Benson Yeager #1 Dst No. 2 Interval Tested 4098' - 4108'
 County Kingman State Kansas Sec. 9 Twp. 29S Rg. 16W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						
9:45	16 min.	10" of water	1/4" choke			5,320 C.F.P.D.
9:50	20 min.	12" of water	1/2" choke			21,900 C.F.P.D.
9:55	25 min.	12" of water	1/2" choke			21,900 C.F.P.D.
10:00	30 min.	12" of water	1/2" choke			21,900 C.F.P.D.

SECOND FLOW						
10:55	10 min.	9" of water	1/2" choke			18,800 C.F.P.D.
11:05	20 min.	9" of water	1/2" choke			18,800 C.F.P.D.
11:15	30 min.	9" of water	1/2" choke			18,800 C.F.P.D.
11:25	40 min.	9" of water	1/2" choke			18,800 C.F.P.D.
11:30	45 min.	9" of water	1/2" choke			Gas Sample Taken

GAS BOTTLE

Serial No. 603 Date Bottle Filled 10-4-77 Date to be Invoiced 10-4-77

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Robert E. Campbell Oil & Gas Operations
 Authorized by Innes Phillips

WESTERN TESTING CO., INC.
Pressure Data

Date 10-4-77 Test Ticket No. 22688
 Recorder No. 1558 Capacity 4200 Location 4101 Ft.
 Clock No. 6800 Elevation - Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2114</u> P.S.I.	Open Tool	<u>9:28</u> M	
B First Initial Flow Pressure	<u>23</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>32</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>55</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>55</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>75</u> P.S.I.			
G Final Closed-in Pressure	<u>1307</u> P.S.I.			
H Final Hydrostatic Mud	<u>2084</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Second Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Final Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u> <u>23</u>	<u>0</u> <u>32</u>	<u>0</u> <u>55</u>	<u>0</u> <u>75</u>			
P 2	<u>5</u> <u>19</u>	<u>3</u> <u>33</u>	<u>5</u> <u>55</u>	<u>3</u> <u>533</u>			
P 3	<u>10</u> <u>21</u>	<u>6</u> <u>34</u>	<u>10</u> <u>57</u>	<u>6</u> <u>806</u>			
P 4	<u>15</u> <u>22</u>	<u>9</u> <u>36</u>	<u>15</u> <u>59</u>	<u>9</u> <u>958</u>			
P 5	<u>20</u> <u>25</u>	<u>12</u> <u>37</u>	<u>20</u> <u>63</u>	<u>12</u> <u>1046</u>			
P 6	<u>25</u> <u>27</u>	<u>15</u> <u>38</u>	<u>25</u> <u>65</u>	<u>15</u> <u>1098</u>			
P 7	<u>30</u> <u>32</u>	<u>18</u> <u>40</u>	<u>30</u> <u>67</u>	<u>18</u> <u>1142</u>			
P 8	<u> </u> <u> </u>	<u>21</u> <u>42</u>	<u>35</u> <u>72</u>	<u>21</u> <u>1169</u>			
P 9	<u> </u> <u> </u>	<u>24</u> <u>44</u>	<u>40</u> <u>74</u>	<u>24</u> <u>1190</u>			
P10	<u> </u> <u> </u>	<u>27</u> <u>45</u>	<u>45</u> <u>76</u>	<u>27</u> <u>1209</u>			
P11	<u> </u> <u> </u>	<u>30</u> <u>46</u>	<u> </u> <u> </u>	<u>30</u> <u>1224</u>			
P12	<u> </u> <u> </u>	<u>33</u> <u>47</u>	<u> </u> <u> </u>	<u>33</u> <u>1238</u>			
P13	<u> </u> <u> </u>	<u>36</u> <u>48</u>	<u> </u> <u> </u>	<u>36</u> <u>1249</u>			
P14	<u> </u> <u> </u>	<u>39</u> <u>51</u>	<u> </u> <u> </u>	<u>39</u> <u>1259</u>			
P15	<u> </u> <u> </u>	<u>42</u> <u>53</u>	<u> </u> <u> </u>	<u>42</u> <u>1268</u>			
P16	<u> </u> <u> </u>	<u>45</u> <u>55</u>	<u> </u> <u> </u>	<u>45</u> <u>1276</u>			
P17	<u> </u> <u> </u>	<u> </u> <u> </u>	<u> </u> <u> </u>	<u>48</u> <u>1282</u>			
P18	<u> </u> <u> </u>	<u> </u> <u> </u>	<u> </u> <u> </u>	<u>51</u> <u>1288</u>			
P19	<u> </u> <u> </u>	<u> </u> <u> </u>	<u> </u> <u> </u>	<u>54</u> <u>1295</u>			
P20	<u> </u> <u> </u>	<u> </u> <u> </u>	<u> </u> <u> </u>	<u>57</u> <u>1301</u>			
				<u>60</u> <u>1307</u>			