



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

Company Stelbar Oil Corporation Inc. Lease & Well No. Birchenough #4
Elevation 1306 Kelly Bushing Formation Mississippi Effective Pay _____ Ft. Ticket No. 25447
Date 10-30-75 Sec. 27 Twp. 33S Range 6W County Harper State Kansas
Test Approved by E. Mack Stewart Western Representative Donald Burgett
Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 4448' to 4462' Total Depth 4462'
Size Main Hole 77/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 4443 Ft. Size 63/4 Bottom Packer Depth 4443 Ft. Size 63/4
Straddle no Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth _____ Ft. Size _____
Tool Size 5/8 OD Tool Joint Size 4 1/2 FH Anchor Length 14 Ft. Size 5/8 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4455 Ft. Clock No. 9727 Depth 4458 Ft. Clock No. 9103
Top Make Kuster Cap. 4300 No. 1566 Inside Outside Bottom Make Kuster Cap. 3200 No. 1561 Inside Outside
Below Straddle: Depth _____ Rec. No. _____ Clock No. _____ Inside Outside Depth _____ Ft. Rec. No. _____ Clock No. _____ Inside Outside
Time Set Packer 9:42 P M
Tool Open I.F.P. From 9:45 P M. to 10:30 P M. - Hr. 45 Min. From (B) 47 P.S.I. To (C) 47 P.S.I.
Tool Closed I.C.I.P. From 10:30 P M. to 11:15 P M. - Hr. 45 Min (D) 530 P.S.I.
Tool Open F.F.P. From 11:15 P M. to 12:15 A M. - Hr. 60 Min. From (E) 58 P.S.I. To (F) 57 P.S.I.
Tool Closed F.C.I.P. From 12:15 A M. to 1:15 A M. - Hr. 60 Min. (G) 702 P.S.I.
Initial Hydrostatic Pressure (A) 2410 P.S.I. Final Hydrostatic Pressure (H) 2284 P.S.I. Maximum Temp. 134

INFORMATION

BLOW Strong throughout test.

Did Well Flow - Yes ☒ No ☐ Recovery Total Ft. 3642' gas in pipe 100' of gas and slightly oil.

Reversed Out - Yes ☒ No ☐ Mud Type starch Viscosity 47 Weight 9.8 Water Loss 8.0 cc. Chlorides 43,000 P.P.M.
EXTRA EQUIPMENT: Type Circ. Sub. pin Safety Joint no Jars: Size _____ In. Make _____ Ser. No. _____
Dual Packer yes Did Packers Hold? yes Did Tool Plug? no Where? _____
DRILLING CONTRACTOR Rains & Williamson Oil Co. Inc. Length Drill Pipe 3941 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 487 Ft. I.D. Drill Collars 2.5 In.
Tool Joint Size 4 1/2 H-90 In. Length D.S.T. Tool 34 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 10-30-75 Recorder No. 1566 Capacity 4300 Location 4455 Fr. 4455
 Clock No. 9727 Elevation 1306 Kelly Bushing Well Temperature 134 °F

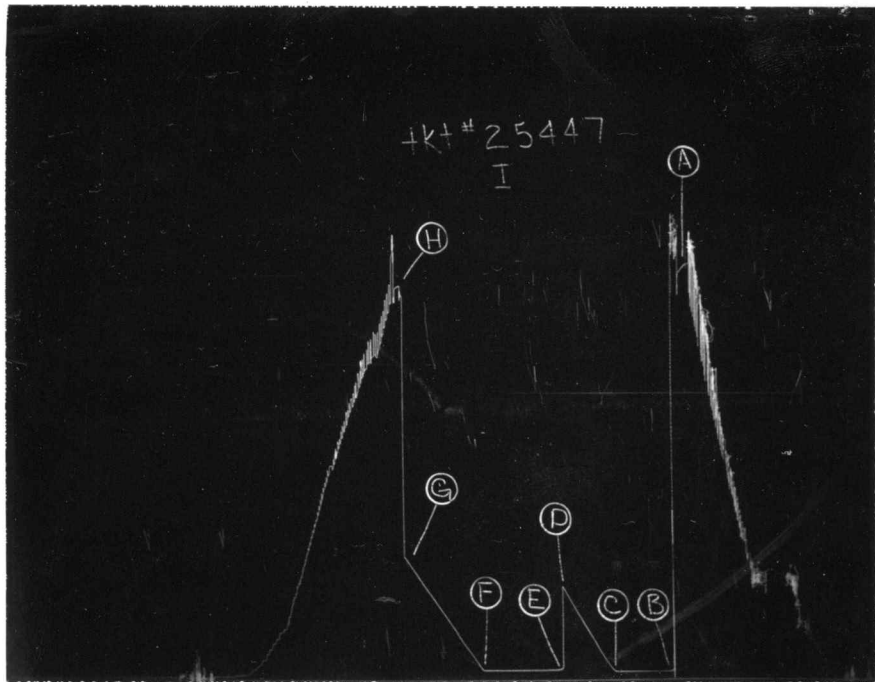
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2410</u> P.S.I.	Open Tool	<u>9:42 P</u> M	
B First Initial Flow Pressure	<u>47</u> P.S.I.	First Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
C First Final Flow Pressure	<u>47</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>42</u> Mins.
D Initial Closed-in Pressure	<u>530</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>58</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>57</u> P.S.I.			
G Final Closed-in Pressure	<u>702</u> P.S.I.			
H Final Hydrostatic Mud	<u>2284</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>14</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>20</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>9</u> mins. and a	
final inc. of <u>0</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>47</u>	<u>0</u>	<u>47</u>	<u>0</u>	<u>58</u>	<u>0</u>	<u>57</u>
P 2 <u>5</u>	<u>47</u>	<u>3</u>	<u>50</u>	<u>5</u>	<u>57</u>	<u>3</u>	<u>76</u>
P 3 <u>10</u>	<u>47</u>	<u>6</u>	<u>84</u>	<u>10</u>	<u>57</u>	<u>6</u>	<u>109</u>
P 4 <u>15</u>	<u>47</u>	<u>9</u>	<u>123</u>	<u>15</u>	<u>57</u>	<u>9</u>	<u>141</u>
P 5 <u>20</u>	<u>47</u>	<u>12</u>	<u>159</u>	<u>20</u>	<u>57</u>	<u>12</u>	<u>175</u>
P 6 <u>25</u>	<u>47</u>	<u>15</u>	<u>194</u>	<u>25</u>	<u>57</u>	<u>15</u>	<u>205</u>
P 7 <u>30</u>	<u>47</u>	<u>18</u>	<u>233</u>	<u>30</u>	<u>57</u>	<u>18</u>	<u>238</u>
P 8 <u>35</u>	<u>47</u>	<u>21</u>	<u>267</u>	<u>35</u>	<u>57</u>	<u>21</u>	<u>269</u>
P 9 <u>40</u>	<u>47</u>	<u>24</u>	<u>307</u>	<u>40</u>	<u>57</u>	<u>24</u>	<u>303</u>
P10 <u>45</u>	<u>47</u>	<u>27</u>	<u>346</u>	<u>45</u>	<u>57</u>	<u>27</u>	<u>335</u>
P11		<u>30</u>	<u>378</u>	<u>50</u>	<u>57</u>	<u>30</u>	<u>365</u>
P12		<u>33</u>	<u>420</u>	<u>55</u>	<u>57</u>	<u>33</u>	<u>398</u>
P13		<u>36</u>	<u>459</u>	<u>60</u>	<u>57</u>	<u>36</u>	<u>431</u>
P14		<u>39</u>	<u>500</u>			<u>39</u>	<u>465</u>
P15		<u>42</u>	<u>530</u>			<u>42</u>	<u>499</u>
P16						<u>45</u>	<u>532</u>
P17						<u>48</u>	<u>563</u>
P18						<u>51</u>	<u>598</u>
P19						<u>54</u>	<u>610</u>
P20						<u>57</u>	<u>662</u>
						<u>60</u>	<u>702</u>

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Company Stelbar Oil Corporation, Inc. Lease & Well No. Bircherough #4
Elevation 1306 Kelly Rushing Formation Mississippi Effective Pay - Ft. Ticket No. 25448
Date 10-31-75 Sec. 27 Twp. 33S Range 6W County Harper State KS
Test Approved by E. Mack Stewart Western Representative Donald Burgett
Formation Test No. #2 O.K. ☒ Misrun ☐ Interval Tested From 4467' to 4510' Total Depth 4510'
Size Main Hole 7 7/8 Bit Hole - Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☒ Yes ☐ No
Top Packer Depth 4462 Ft. Size 6 3/4 Bottom Packer Depth 4467 Ft. Size 6 3/4
Straddle No Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth - Ft. Size -
Tool Size 5/8 OD Tool Joint Size 4 1/2 FH Anchor Length 43 Ft. Size 5/8 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4502 Ft. Clock No. 9727 Depth 4505 Ft. Clock No. 9103
Top Make Kuster Cap. 4300 No. 1566 Inside XXXX Bottom Make Kuster Cap. 3200 No. 1561 Inside XXXX
Below Straddle: Depth - Rec. No. - Clock No. - Inside - Depth - Rec. No. - Clock No. - Inside -
Time Set Packer 7:12P M
Tool Open I.F.P. From 7:15 P. M. to 8:00P M. - Hr. 45 Min. From (B) 80 P.S.I. To (C) 140 P.S.I.
Tool Closed I.C.I.P. From 8:00P M. to 8:45P M. - Hr. 45 Min (D) 1643 P.S.I.
Tool Open F.F.P. From 8:45P M. to 9:45P M. - Hr. 60 Min. From (E) 181 P.S.I. To (F) 244 P.S.I.
Tool Closed F.C.I.P. From 9:45P M. to 10:45P M. - Hr. 60 Min. (G) 1632 P.S.I.
Initial Hydrostatic Pressure (A) 2421 P.S.I. Final Hydrostatic Pressure (H) 2282 P.S.I. Maximum Temp. 138

INFORMATION

BLOW Strong throughout test

Did Well Flow Yes ☒ No ☐ Recovery Total Ft. 2436' gas in pipe, 337' gas and slightly oil cut mud, 100' gas and slightly oil cut muddy water.

Reversed Out - Yes ☒ No ☐ Mud Type starch Viscosity 46 Weight 9.8 Water Loss 12.2 cc. Chlorides 44,000 P.P.M.

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

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

DRILLING CONTRACTOR Rains & Williamson Oil Co., Inc. Length Drill Pipe? 3970 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 487 Ft. I.D. Drill Collars 2.5 In.

Tool Joint Size 4 1/2 Length D.S.T. Tool 63 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 10-31-75 Recorder No. 1566 Capacity 4300 Test Ticket No. 25448
 Clock No. 9727 Elevation 1306 Kelly Bushing Location 4502 Ft.
 Well Temperature 138 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2421</u> P.S.I.	<u>7:12 P.</u> M	
B First Initial Flow Pressure	<u>80</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
C First Final Flow Pressure	<u>140</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>1643</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>181</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>244</u> P.S.I.		
G Final Closed-in Pressure	<u>1642</u> P.S.I.		
H Final Hydrostatic Mud	<u>2282</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>20</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>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>80</u>	<u>0</u>	<u>140</u>	<u>0</u>	<u>181</u>	<u>0</u>	<u>244</u>
P 2 <u>5</u>	<u>110</u>	<u>3</u>	<u>298</u>	<u>5</u>	<u>181</u>	<u>3</u>	<u>415</u>
P 3 <u>10</u>	<u>100</u>	<u>6</u>	<u>648</u>	<u>10</u>	<u>181</u>	<u>6</u>	<u>751</u>
P 4 <u>15</u>	<u>100</u>	<u>9</u>	<u>1036</u>	<u>15</u>	<u>186</u>	<u>9</u>	<u>1015</u>
P 5 <u>20</u>	<u>106</u>	<u>12</u>	<u>1214</u>	<u>20</u>	<u>191</u>	<u>12</u>	<u>1178</u>
P 6 <u>25</u>	<u>115</u>	<u>15</u>	<u>1317</u>	<u>25</u>	<u>198</u>	<u>15</u>	<u>1288</u>
P 7 <u>30</u>	<u>125</u>	<u>18</u>	<u>1393</u>	<u>30</u>	<u>204</u>	<u>18</u>	<u>1358</u>
P 8 <u>35</u>	<u>132</u>	<u>21</u>	<u>1451</u>	<u>35</u>	<u>210</u>	<u>21</u>	<u>1411</u>
P 9 <u>40</u>	<u>136</u>	<u>24</u>	<u>1498</u>	<u>40</u>	<u>217</u>	<u>24</u>	<u>1441</u>
P10 <u>45</u>	<u>140</u>	<u>27</u>	<u>1530</u>	<u>45</u>	<u>225</u>	<u>27</u>	<u>1484</u>
P11		<u>30</u>	<u>1560</u>	<u>50</u>	<u>231</u>	<u>30</u>	<u>1513</u>
P12		<u>33</u>	<u>1585</u>	<u>55</u>	<u>238</u>	<u>33</u>	<u>1535</u>
P13		<u>36</u>	<u>1606</u>	<u>60</u>	<u>244</u>	<u>36</u>	<u>1552</u>
P14		<u>39</u>	<u>1623</u>			<u>39</u>	<u>1571</u>
P15		<u>42</u>	<u>1638</u>			<u>42</u>	<u>1586</u>
P16		<u>45</u>	<u>1643</u>			<u>45</u>	<u>1603</u>
P17						<u>48</u>	<u>1614</u>
P18						<u>51</u>	<u>1625</u>
P19						<u>54</u>	<u>1634</u>
P20						<u>57</u>	<u>1643</u>
						<u>60</u>	<u>1652</u>

TAT# 25448

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