

INC.

P. O. Box 1599
Wichita, Kansas 67201

Company Little George Oil Co. Lease & Well No. Davis #1
Elevation 1385 Derrick Floor Formation Cattleman Effective Pay - Ft. Ticket No. 24304
Date 6-27-76 Sec. 30 Twp. 20S Range 10E County Lyon State Kansas
Test Approved by Charley V. Shank Western Representative Bill Baker

Formation Test No. 1 O.K. Misrun Interval Tested From 2190' to 2237' Total Depth 2237'
Size Main Hole 7 7/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 2190 Ft. Size 6 3/4 Bottom Packer Depth - Ft. Size -
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 47 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 2205 Ft. Clock No. 8476 Depth 2202 Ft. Clock No. 4964
Top Make Kuster Cap. 4200 No. 1559 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 6:13 A
Tool Open I.F.P. From 6:15A M. to 6:45A M. - Hr. 30 Min. From (B) 59 P.S.I. To (C) 134 P.S.I.
Tool Closed I.C.I.P. From 6:45A M. to 7:15A M. - Hr. 30 Min (D) 780 P.S.I.
Tool Open F.F.P. From 7:15A M. to 7:45A M. - Hr. 30 Min. From (E) 155 P.S.I. To (F) 207 P.S.I.
Tool Closed F.C.I.P. From 7:45A M. to 8:15A M. - Hr. 30 Min. (G) 741 P.S.I.
Initial Hydrostatic Pressure (A) 1038 P.S.I. Final Hydrostatic Pressure (H) 1017 P.S.I. Maximum Temp. 103

INFORMATION

BLOW Strong blow throughout test. Gas to surface in 5 minutes. See attached sheet for gas measurements.

Did Well Flow Yes No Recovery Total Ft. 110' of very slightly oil and gas cut mud (2% oil) 510' of salt water with scum of oil throughout.

Reversed Out Yes No Mud Type Chem Viscosity 42 Weight 9.0 Water Loss 16 cc. Chlorides 1300 P.P.M.

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

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

DRILLING CONTRACTOR Brandt Drlg. Co. Length Drill Pipe? 1972 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 230 Ft. I.D. Drill Collars 2.25 In.

Tool Joint Size 4 1/2 FH In. Length D.S.T. Tool 62 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

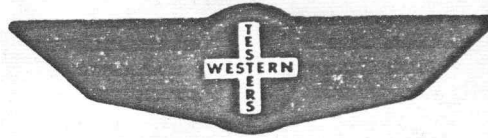
Date 6-27-76 Test Ticket No. 24304
 Recorder No. 1559 Capacity 4200 Location 2205 Ft.
 Clock No. 6476 Elevation 1385 Derrick Floor Well Temperature 103 °F

Point	Pressure			Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1038</u>	P.S.I.	Open Tool	<u>6:13 A.</u>	<u>M</u>
B First Initial Flow Pressure	<u>59</u>	P.S.I.	First Flow Pressure	<u>30</u>	<u>30</u> Mins.
C First Final Flow Pressure	<u>134</u>	P.S.I.	Initial Closed-in Pressure	<u>30</u>	<u>33</u> Mins.
D Initial Closed-in Pressure	<u>780</u>	P.S.I.	Second Flow Pressure	<u>30</u>	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>155</u>	P.S.I.	Final Closed-in Pressure	<u>30</u>	<u>30</u> Mins.
F Second Final Flow Pressure	<u>207</u>	P.S.I.			
G Final Closed-in Pressure	<u>741</u>	P.S.I.			
H Final Hydrostatic Mud	<u>1017</u>	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>10</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>59</u>	<u>0</u>	<u>134</u>	<u>0</u>	<u>155</u>	<u>0</u>	<u>207</u>
P 2 <u>5</u>	<u>75</u>	<u>3</u>	<u>658</u>	<u>5</u>	<u>157</u>	<u>3</u>	<u>606</u>
P 3 <u>10</u>	<u>88</u>	<u>6</u>	<u>720</u>	<u>10</u>	<u>165</u>	<u>6</u>	<u>662</u>
P 4 <u>15</u>	<u>98</u>	<u>9</u>	<u>741</u>	<u>15</u>	<u>176</u>	<u>9</u>	<u>683</u>
P 5 <u>20</u>	<u>111</u>	<u>12</u>	<u>754</u>	<u>20</u>	<u>186</u>	<u>12</u>	<u>696</u>
P 6 <u>25</u>	<u>123</u>	<u>15</u>	<u>762</u>	<u>25</u>	<u>196</u>	<u>15</u>	<u>706</u>
P 7 <u>30</u>	<u>134</u>	<u>18</u>	<u>766</u>	<u>30</u>	<u>207</u>	<u>18</u>	<u>716</u>
P 8		<u>21</u>	<u>770</u>			<u>21</u>	<u>725</u>
P 9		<u>24</u>	<u>775</u>			<u>24</u>	<u>731</u>
P10		<u>27</u>	<u>777</u>			<u>27</u>	<u>737</u>
P11		<u>30</u>	<u>779</u>			<u>30</u>	<u>741</u>
P12		<u>33</u>	<u>780</u>				
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Phone 316 262-5861
316 838-0601



P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 6-27-76 Ticket 24304 Company Little George Oil Co.
Well Name and No. Davis #1 Dst No. 1 Interval Tested 2190' - 2237'
County Lyon State Kansas Sec. 30 Twp. 20S Rg. 10E

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						
6:25 AM	10 min.	3/4" Choke		6 PSIG		194,000 C.F.P.D
6:30 AM	15 min.	3/4" Choke		5.5 PSIG		185,000 C.F.P.D.
6:40 AM	25 min.	3/4" Choke		6 PSIG		194,000 C.F.P.D.
6:45 AM	30 min.	3/4" Choke		6 PSIG		194,000 C.F.P.D.
Gas to surface in 5 minutes.						

SECOND FLOW						
7:20 AM	35 min.	3/4" Choke		7.5 PSIG		219,000 C.F.P.D.
7:25 AM	40 min.	3/4" Choke		6 PSIG		194,000 C.F.P.D
7:35 AM	50 min.	3/4" Choke		6 PSIG		194,000 C.F.P.D.
7:40 AM	55 min.	3/4" Choke		5.5 PSIG		185,000 C.F.P.D.
7:45 AM	60 min.	3/4" Choke		5.5 PSIG		185,000 C.F.P.D.

All measurements were taken with a 2" merla orifice well tester with a 3/4" Choke.

GAS BOTTLE

Serial No. 609 Date Bottle Filled 6-27-76 Date to be Invoiced 6-27-76

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.

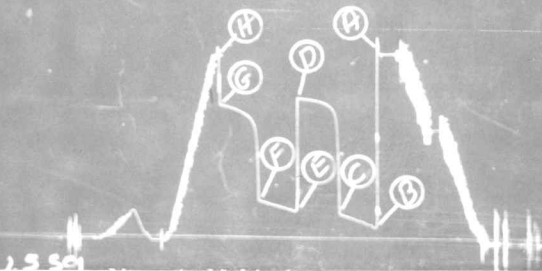
All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Little George Oil Co.

Authorized by Charley V. Shank

TAT # 24304

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INC.

P. O. Box 1599
Wichita, Kansas 67201

Company Little George Oil Co. Lease & Well No. Davis #1
Elevation 1383 Derrick Floor Formation Cattleman Effective Pay - Ft. Ticket No. 24305
Date 6-27-76 Sec. 30 Twp. 20S Range 10E County Lyon State Kansas
Test Approved by Charley V. Shank Western Representative Bill Baker

Formation Test No. 2 O.K. Misrun Interval Tested From 2239' to 2250' Total Depth 2250'
Size Main Hole 7 7/8 Bar Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 2234 Ft. Size 6 3/4 Bottom Packer Depth 2239 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 11 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 2243 Ft. Clock No. 8476 Depth 2246 Ft. Clock No. 4964
Top Make Kuster Cap. 4200 No. 1559 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 5:58 P. M
Tool Open I.F.P. From 6:00P M. to 6:30P M. - Hr. 30 Min. From (B) 46 P.S.I. To (C) 199 P.S.I.
Tool Closed I.C.I.P. From 6:30P M. to 7:00P M. - Hr. 30 Min (D) 800 P.S.I.
Tool Open F.F.P. From 7:00P M. to 7:30P M. - Hr. 30 Min. From (E) 232 P.S.I. To (F) 328 P.S.I.
Tool Closed F.C.I.P. From 7:30P M. to 8:00P M. - Hr. 30 Min. (G) 796 P.S.I.
Initial Hydrostatic Pressure (A) 1046 P.S.I. Final Hydrostatic Pressure (H) 1025 P.S.I. Maximum Temp. 103

INFORMATION

BLOW Strong blow throughout test.

Did Well Flow Yes No Recovery Total Ft. 600' of salt water

Reversed Out Yes No Mud Type Chem Viscosity 42 Weight 9.9 Water Loss 14.4 cc. Chlorides 3000P.P.M.

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 Brandt Oil Co. (Rig #1) Length Drill Pipe? 2020 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 230 Ft. I.D. Drill Collars 2.25 In.

Tool Joint Size H-90 In. Length D.S.T. Tool 31 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 6-27-76 Test Ticket No. 24305
 Recorder No. 1559 Capacity 4200 Location 2243 Ft.
 Clock No. 8476 Elevation 1383 Derrick Floor Well Temperature 103 °F

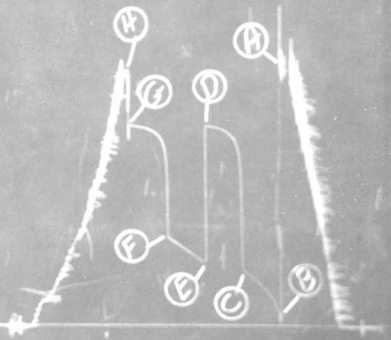
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1046</u> P.S.I.	Open Tool	<u>5:58</u> P. M.	
B First Initial Flow Pressure	<u>46</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>199</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>800</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>232</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>328</u> P.S.I.			
G Final Closed-in Pressure	<u>796</u> P.S.I.			
H Final Hydrostatic Mud	<u>1025</u> P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		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>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>46</u>	<u>0</u>	<u>199</u>	<u>0</u>	<u>232</u>	<u>0</u>	<u>328</u>	
P 2 <u>5</u>	<u>67</u>	<u>3</u>	<u>679</u>	<u>5</u>	<u>234</u>	<u>3</u>	<u>702</u>	
P 3 <u>10</u>	<u>100</u>	<u>6</u>	<u>737</u>	<u>10</u>	<u>253</u>	<u>6</u>	<u>745</u>	
P 4 <u>15</u>	<u>127</u>	<u>9</u>	<u>760</u>	<u>15</u>	<u>272</u>	<u>9</u>	<u>762</u>	
P 5 <u>20</u>	<u>150</u>	<u>12</u>	<u>772</u>	<u>20</u>	<u>291</u>	<u>12</u>	<u>775</u>	
P 6 <u>25</u>	<u>178</u>	<u>15</u>	<u>781</u>	<u>25</u>	<u>307</u>	<u>15</u>	<u>781</u>	
P 7 <u>30</u>	<u>199</u>	<u>18</u>	<u>787</u>	<u>30</u>	<u>328</u>	<u>18</u>	<u>785</u>	
P 8		<u>21</u>	<u>791</u>			<u>21</u>	<u>789</u>	
P 9		<u>24</u>	<u>795</u>			<u>24</u>	<u>791</u>	
P10		<u>27</u>	<u>797</u>			<u>27</u>	<u>793</u>	
P11		<u>30</u>	<u>800</u>			<u>30</u>	<u>795</u>	
P12						<u>33</u>	<u>796</u>	
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								

TAT 24305

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INC.

P. O. Box 1599
Wichita, Kansas 67201

Company Little George Oil Co. Lease & Well No. Davis #1
Elevation 1383 Derrick Floor Formation Bartlesville Effective Pay - Ft. Ticket No. 24306
Date 6-28-76 Sec. 30 Twp. 20S Range 10E County Lyon State Kansas
Test Approved by Charley V. Shank Western Representative Bill Baker

Formation Test No. 3 O.K. Misrun Interval Tested From 2338' to 2349' Total Depth 2349'
Size Main Hole 7 7/8 Bar Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 2333 Ft. Size 6 3/4 Bottom Packer Depth 2338 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 11 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 2342 Ft. Clock No. 8476 Depth 2345 Ft. Clock No. 4964
Top Make Kuster Cap. 4200 No. 1559 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 1:43 P. M
Tool Open I.F.P. From 1:45P M. to 2:15P M. - Hr. 30 Min. From (B) 18 P.S.I. To (C) 39 P.S.I.
Tool Closed I.C.I.P. From 2:15P M. to 2:45P M. - Hr. 30 Min (D) 473 P.S.I.
Tool Open F.F.P. From 2:45P M. to 3:15P M. - Hr. 30 Min. From (E) 67 P.S.I. To (F) 71 P.S.I.
Tool Closed F.C.I.P. From 3:15P M. to 3:45P M. - Hr. 30 Min. (G) 454 P.S.I.
Initial Hydrostatic Pressure (A) 1138 P.S.I. Final Hydrostatic Pressure (H) 1123 P.S.I. Maximum Temp. 104

INFORMATION

BLOW Fair blow throughout test.
Did Well Flow Yes No Recovery Total Ft. 90' of slightly oil cut mud, 60' of muddy water slightly oil cut.

Reversed Out Yes No Mud Type Chem Viscosity 50 Weight 9.4 Water Loss 14.4 cc. Chlorides 4000 P.P.M.

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 Brandt Oil Co. Length Drill Pipe? 2119 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.
Length Weight Pipe Ft. I.D. Weight Pipe In. Tool Joint Size In. Length Drill Collars 230 Ft. I.D. Drill Collars 2 1/4 In.
Tool Joint Size H-90 In. Length D.S.T. Tool 31 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 6-28-76 Test Ticket No. 24306
 Recorder No. 1559 Capacity 4200 Location 2342 Ft.
 Clock No. 8476 Elevation 1383 Derrick Floor Well Temperature 104 °F

Point	Pressure		Time Given		Time Computed	
			P.	M.	Mins.	Mins.
A Initial Hydrostatic Mud	<u>1138</u>	P.S.I.	<u>1:43</u>			
B First Initial Flow Pressure	<u>18</u>	P.S.I.	<u>30</u>		<u>30</u>	
C First Final Flow Pressure	<u>39</u>	P.S.I.	<u>30</u>		<u>30</u>	
D Initial Closed-in Pressure	<u>473</u>	P.S.I.	<u>30</u>		<u>30</u>	
E Second Initial Flow Pressure	<u>67</u>	P.S.I.	<u>30</u>		<u>30</u>	
F Second Final Flow Pressure	<u>71</u>	P.S.I.				
G Final Closed-in Pressure	<u>454</u>	P.S.I.				
H Final Hydrostatic Mud	<u>1123</u>	P.S.I.				

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes
P 1	<u>18</u>	<u>0</u>	<u>39</u>	<u>0</u>	<u>67</u>	<u>0</u>	<u>71</u>	<u>0</u>
P 2	<u>19</u>	<u>3</u>	<u>88</u>	<u>3</u>	<u>62</u>	<u>3</u>	<u>123</u>	<u>3</u>
P 3	<u>22</u>	<u>6</u>	<u>230</u>	<u>6</u>	<u>63</u>	<u>6</u>	<u>223</u>	<u>6</u>
P 4	<u>27</u>	<u>9</u>	<u>345</u>	<u>9</u>	<u>64</u>	<u>9</u>	<u>314</u>	<u>9</u>
P 5	<u>31</u>	<u>12</u>	<u>395</u>	<u>12</u>	<u>66</u>	<u>12</u>	<u>368</u>	<u>12</u>
P 6	<u>36</u>	<u>15</u>	<u>423</u>	<u>15</u>	<u>69</u>	<u>15</u>	<u>399</u>	<u>15</u>
P 7	<u>39</u>	<u>18</u>	<u>441</u>	<u>18</u>	<u>71</u>	<u>18</u>	<u>418</u>	<u>18</u>
P 8		<u>21</u>	<u>453</u>	<u>21</u>		<u>21</u>	<u>432</u>	<u>21</u>
P 9		<u>24</u>	<u>462</u>	<u>24</u>		<u>24</u>	<u>442</u>	<u>24</u>
P10		<u>27</u>	<u>469</u>	<u>27</u>		<u>27</u>	<u>450</u>	<u>27</u>
P11		<u>30</u>	<u>473</u>	<u>30</u>		<u>30</u>	<u>454</u>	<u>30</u>
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								

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