



29-25-486

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Sun Range & Beacon Resources Lease & Well No. Johnson #1
Elevation 1363 Kelly Bushings Formation Kansas City Effective Pay _____ Ft. Ticket No. 14285
Date 10-15-70 Sec. 29 Twp. 25S Range 4E County Butler State Kansas
Test Approved by R. B. Gebhart Jr. Western Representative Norman Allen

Formation Test No. 1 O.K. Misrun _____ Interval Tested From 2144' to 2210' Total Depth 2210'
Size Main Hole 7 7/8" Rat Hole _____ Conv. B.T. _____ Damaged Yes No Conv. B.T. _____ Damaged Yes _____ No
Packer Depth 2161 Ft. Size 6 3/4" Packer Depth 2164 Ft. Size 6 3/4"
Straddle Yes _____ No Conv. _____ B.T. _____ Damaged Yes _____ No

Packer Depth _____ Ft. Size _____
Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" X.H. Anchor Length 66 Ft. Size 5 1/2" O.D. & D.P

RECORDERS Depth 2166 Ft. Clock No. 6860 Depth 2169 Ft. Clock No. 6861
Top Make Kuster Cap. 3150 No. 1560 Inside Outside Bottom Make Kuster Cap. 3150 No. 1563 Inside Outside
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Bottom Make _____ Cap. _____ No. _____ Inside _____ Outside _____

Time Set Packer 11:43 P.M.
Tool Open I.F.P. From 11:45 M. to 12:15A M. Hr. 30 Min. From (B) 48 P.S.I. To (C) 120 P.S.I.
Tool Closed I.C.I.P. From 12:15 M. to 12:45A M. Hr. 30 Min. (D) 786 P.S.I.
Tool Open F.F.P. From 12:45 M. to 1:45A M. Hr. 60 Min. From (E) 131 P.S.I. To (F) 179 P.S.I.
Tool Closed F.C.I.P. From 1:45 M. to 2:15A M. Hr. 30 Min. (G) 744 P.S.I.
Initial Hydrostatic Pressure (A) 1078 P.S.I. Final Hydrostatic Pressure (H) 1061 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____

BLOW Fair diminishing to weak @ end of test Bottom Choke Size 3/4 In.
Did Well Flow Yes No _____ Recovery Total Ft. 330 feet muddy water

Reversed Out Yes No _____ Mud Type Chem. Viscosity 40 Weight 9.2 Water Loss 14 cc. Maximum Temp. 97 °F
Type Circ. Sub. P1n Did Tool Plug? No Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Did Packer Hold? Yes Where? _____
Length Drill Pipe 1944 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 180 ft.
I. D. Drill Collars 2 1/4 in. Length D.S.T. Tool 86 ft.

Remarks _____

K. G. S. LIBRARY

24-25-96

WESTERN TESTING CO., INC.
Pressure Data

Date 10-15-70 Test Ticket No. 14285
 Recorder No. 1560 Capacity 3150 Location 2166 Ft.
 Clock No. 6860 Elevation 1363 Kelly Bushings Well Temperature 97 °F

Point	Pressure		Time	
			Given	Computed
A Initial Hydrostatic Mud	<u>1078</u>	P.S.I.	<u>11:43</u>	<u>P.M.</u>
B First Initial Flow Pressure	<u>48</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
C First Final Flow Pressure	<u>120</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
D Initial Closed-in Pressure	<u>786</u>	P.S.I.	<u>60</u>	Mins. <u>60</u> Mins.
E Second Initial Flow Pressure	<u>131</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
F Second Final Flow Pressure	<u>179</u>	P.S.I.		
G Final Closed-in Pressure	<u>744</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1061</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of _____ Min.

Initial Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of _____ Min.

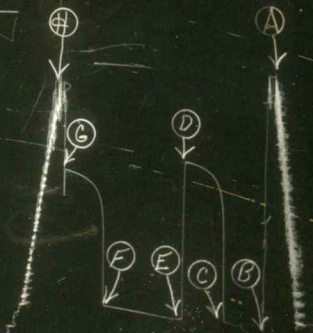
Second Flow Pressure
 Breakdown: 12 Inc.
 of 5 mins. and a
 final inc. of _____ Min.

Final Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of _____ Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>48</u>	<u>0</u>	<u>120</u>	<u>0</u>	<u>131</u>	<u>0</u>	<u>179</u>
P 2 <u>5</u>	<u>51</u>	<u>3</u>	<u>579</u>	<u>5</u>	<u>131</u>	<u>3</u>	<u>535</u>
P 3 <u>1-0</u>	<u>67</u>	<u>6</u>	<u>684</u>	<u>10</u>	<u>132</u>	<u>6</u>	<u>632</u>
P 4 <u>15</u>	<u>91</u>	<u>9</u>	<u>718</u>	<u>15</u>	<u>136</u>	<u>9</u>	<u>668</u>
P 5 <u>20</u>	<u>103</u>	<u>12</u>	<u>737</u>	<u>20</u>	<u>141</u>	<u>12</u>	<u>689</u>
P 6 <u>25</u>	<u>112</u>	<u>15</u>	<u>751</u>	<u>25</u>	<u>147</u>	<u>15</u>	<u>704</u>
P 7 <u>30</u>	<u>120</u>	<u>18</u>	<u>762</u>	<u>30</u>	<u>152</u>	<u>18</u>	<u>717</u>
P 8 _____		<u>21</u>	<u>770</u>	<u>35</u>	<u>157</u>	<u>21</u>	<u>725</u>
P 9 _____		<u>24</u>	<u>777</u>	<u>40</u>	<u>161</u>	<u>24</u>	<u>731</u>
P10 _____		<u>27</u>	<u>781</u>	<u>45</u>	<u>165</u>	<u>27</u>	<u>737</u>
P11 _____		<u>30</u>	<u>786</u>	<u>50</u>	<u>169</u>	<u>30</u>	<u>744</u>
P12 _____				<u>55</u>	<u>174</u>		
P13 _____				<u>60</u>	<u>179</u>		
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							

K. G. S. LIBRARY

TKT-14285-I





Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

27-20-70

Company Sun Range & Beacon Resources Lease & Well No. Johnson #1
Elevation 1363 Kelly Bushings Formation Mississippian Effective Pay _____ Ft. Ticket No. 14286
Date 10-17-70 Sec. 29 Twp. 25S Range 4E County Butler State Kansas
Test Approved by R. B. Gebhart Jr. Western Representative Norman Allen

Formation Test No. 2 O.K. Misrun _____ Interval Tested From 2544' to 2577' Total Depth 2577'
Size Main Hole 7 7/8" Rat Hole _____ Conv. B.T. _____ Damaged Yes No Conv. B.T. _____ Damaged Yes _____ No _____
Packer Depth 2539 Ft. Size 6 3/4" Packer Depth 2544 Ft. Size 6 3/4"
Straddle Yes _____ No Conv. _____ B.T. _____ Damaged Yes _____ No _____

Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" XH Anchor Length 33 Ft. Size 5 1/2" O.D.
RECORDERS Depth 2569 Ft. Clock No. 6860 Depth 2572 Ft. Clock No. 6861
Top Make Kuster Cap. 3150 No. 1560 Inside Outside Bottom Make Kuster Cap. 3150 No. 1563 Inside Outside
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____

Time Set Packer 7:58 A. M.
Tool Open I.F.P. From 8:00 M. to 8:10A. M. Hr. 10 Min. From (B) 36 P.S.I. To (C) 40 P.S.I.
Tool Closed I.C.I.P. From 8:10 M. to 8:55A. M. Hr. 45 Min. (D) 234 P.S.I.
Tool Open F.F.P. From 8:55 M. to 9:25A. M. Hr. 30 Min. From (E) 36 P.S.I. To (F) 36 P.S.I.
Tool Closed F.C.I.P. From 9:25 M. to 10:10A. M. Hr. 45 Min. (G) 61 P.S.I.
Initial Hydrostatic Pressure (A) 1300 P.S.I. Final Hydrostatic Pressure (H) 1288 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____

BLOW Weak 5 minutes Bottom Choke Size 3/4 In.
Did Well Flow Yes No _____ Recovery Total Ft. 5 feet drilling mud

Reversed Out Yes No _____ Mud Type Chem. Viscosity 38 Weight 9.6 Water Loss 12 cc. Maximum Temp. 103 °F
Type Circ. Sub. Pfn Did Tool Plug? No Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Did Packer Hold? Yes Where? _____
Length Drill Pipe 2344 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 180 ft.
I. D. Drill Collars 2 1/4 in. Length D.S.T. Tool 53 ft.

Remarks _____

K. G. S. LIBRARY

29-25-4E

WESTERN TESTING CO., INC.
Pressure Data

Date 10-17-70 Test Ticket No. 14286
Recorder No. 1560 Capacity 3150 Location 2569 Ft.
Clock No. 6860 Elevation 1363 Kelly Bushings Well Temperature 103 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1300</u> P.S.I.	Open Tool	<u>7:58</u> A.M.	
B First Initial Flow Pressure	<u>36</u> P.S.I.	First Flow Pressure	<u>10</u> Mins.	<u>10</u> Mins.
C First Final Flow Pressure	<u>40</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>234</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>36</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>36</u> P.S.I.			
G Final Closed-in Pressure	<u>61</u> P.S.I.			
H Final Hydrostatic Mud	<u>1288</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>2</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.	Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.	Second Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.	Final Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.
---	--	--	--

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>36</u>	<u>0</u>	<u>40</u>	<u>0</u>	<u>36</u>	<u>0</u>	<u>36</u>
P 2	<u>36</u>	<u>3</u>	<u>41</u>	<u>5</u>	<u>36</u>	<u>3</u>	<u>36</u>
P 3	<u>40</u>	<u>6</u>	<u>42</u>	<u>10</u>	<u>36</u>	<u>6</u>	<u>36</u>
P 4		<u>9</u>	<u>47</u>	<u>15</u>	<u>36</u>	<u>9</u>	<u>36</u>
P 5		<u>12</u>	<u>54</u>	<u>20</u>	<u>36</u>	<u>12</u>	<u>36</u>
P 6		<u>15</u>	<u>64</u>	<u>25</u>	<u>36</u>	<u>15</u>	<u>36</u>
P 7		<u>18</u>	<u>76</u>	<u>30</u>	<u>36</u>	<u>18</u>	<u>42</u>
P 8		<u>21</u>	<u>89</u>			<u>21</u>	<u>45</u>
P 9		<u>24</u>	<u>102</u>			<u>24</u>	<u>47</u>
P10		<u>27</u>	<u>116</u>			<u>27</u>	<u>48</u>
P11		<u>30</u>	<u>131</u>			<u>30</u>	<u>50</u>
P12		<u>33</u>	<u>150</u>			<u>33</u>	<u>51</u>
P13		<u>36</u>	<u>172</u>			<u>36</u>	<u>53</u>
P14		<u>39</u>	<u>195</u>			<u>39</u>	<u>56</u>
P15		<u>42</u>	<u>214</u>			<u>42</u>	<u>59</u>
P16		<u>45</u>	<u>234</u>			<u>45</u>	<u>61</u>
P17							
P18							
P19							
P20							

K. G. S. LIBRARY

TKT-14286-I

