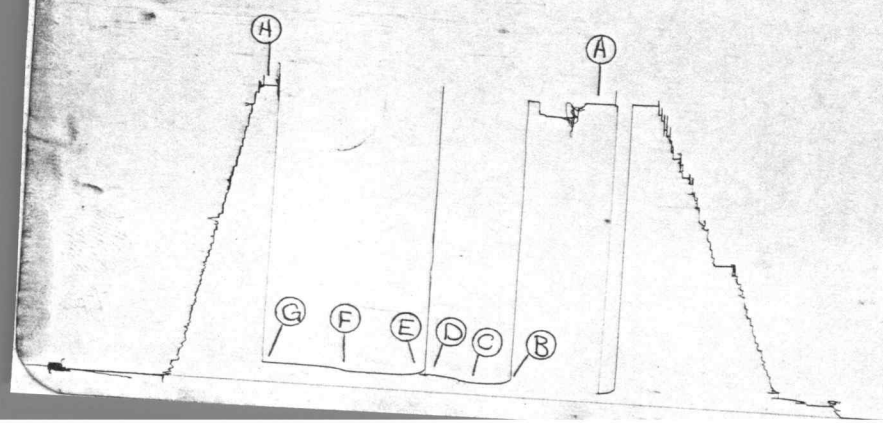


+Kt#22521
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Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Kan-Go, Inc. Lease & Well No. Holub #2
Elevation 1435 Kelly Bush. Formation Mississippi Effective Pay = Ft. Ticket No. 22521
Date 12-29-77 Sec. 8 Twp. 19S Range 4E County Marion State Kansas
Test Approved by Teresh Baker Western Representative Tim Wilson
Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 2378' to 2402' Total Depth 2443'
Size Main Hole 7-7/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 2373 Ft. Size 6-3/4 Bottom Packer Depth 2378 Ft. Size 6-3/4
Straddle Yes Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No Packer Depth 2402 Ft. Size 6-3/4
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 24 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 2391 Ft. Clock No. 9103 Depth 2394 Ft. Clock No. 9727
Top Make Kuster Cap. 3150 No. 1562 ~~Inside~~ Outside Bottom Make Kuster Cap. 3200 No. 1561 ~~Inside~~ Outside
Below Straddle: Depth 2437 Rec. No. - Clock No. - ~~Inside~~ Outside Depth 2435 Ft. Rec. No. - Clock No. - ~~Inside~~ Outside
Time Set Packer 6:43 A M
Tool Open I.F.P. From 6:45 M. to 7:15 M. - Hr. 30 Min. From (B) 70 P.S.I. To (C) 48 P.S.I.
Tool Closed I.C.I.P. From 7:15 M. to 7:45 M. - Hr. 30 Min (D) 72 P.S.I.
Tool Open F.F.P. From 7:48 M. to 8:45 M. - Hr. 60 Min. From (E) 93 P.S.I. To (F) 62 P.S.I.
Tool Closed F.C.I.P. From 8:45 M. to 9:45 M. - Hr. 60 Min. (G) 80 P.S.I.
Initial Hydrostatic Pressure (A) 1128 P.S.I. Final Hydrostatic Pressure (H) 1124 P.S.I. Maximum Temp. 890

INFORMATION

BLOW Very weak building to fair.

Did Well Flow - Yes ☒ No ☐ Recovery Total Ft. 100' Drilling Mud with very slight rainbow.

Reversed Out - Yes ☐ No ☐ Mud Type Chem Viscosity 36 Weight 9.7 Water Loss 10.4 cc. Chlorides 1600 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size 4 1/2 In. Make WTC Ser. No. 406

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

DRILLING CONTRACTOR Co. Tools #2 Length Drill Pipe? 2237 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 115 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 91 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 12-29-77 Test Ticket No. 22521
 Recorder No. 1562 Capacity 3150 Location 2391 Ft.
 Clock No. 9103 Elevation 1435 Kelly Bushing Well Temperature 89 °F

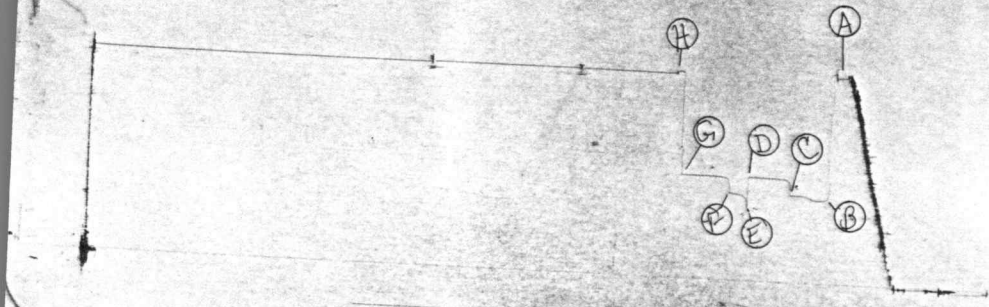
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1128</u> P.S.I.	Open Tool	<u>6:43</u> A M	
B First Initial Flow Pressure	<u>70</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>48</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>72</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>93</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>62</u> P.S.I.			
G Final Closed-in Pressure	<u>80</u> P.S.I.			
H Final Hydrostatic Mud	<u>1124</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>10</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>70</u>	<u>0</u>	<u>48</u>	<u>0</u>	<u>93</u>	<u>0</u>	<u>62</u>
P 2 <u>5</u>	<u>57</u>	<u>3</u>	<u>52</u>	<u>5</u>	<u>74</u>	<u>3</u>	<u>69</u>
P 3 <u>10</u>	<u>52</u>	<u>6</u>	<u>54</u>	<u>10</u>	<u>66</u>	<u>6</u>	<u>72</u>
P 4 <u>15</u>	<u>49</u>	<u>9</u>	<u>58</u>	<u>15</u>	<u>64</u>	<u>9</u>	<u>75</u>
P 5 <u>20</u>	<u>49</u>	<u>12</u>	<u>63</u>	<u>20</u>	<u>62</u>	<u>12</u>	<u>77</u>
P 6 <u>25</u>	<u>49</u>	<u>15</u>	<u>64</u>	<u>25</u>	<u>62</u>	<u>15</u>	<u>78</u>
P 7 <u>30</u>	<u>48</u>	<u>18</u>	<u>65</u>	<u>30</u>	<u>62</u>	<u>18</u>	<u>79</u>
P 8		<u>21</u>	<u>67</u>	<u>35</u>	<u>62</u>	<u>21</u>	<u>80</u>
P 9		<u>24</u>	<u>69</u>	<u>40</u>	<u>62</u>	<u>24</u>	<u>80</u>
P10		<u>27</u>	<u>70</u>	<u>45</u>	<u>62</u>	<u>27</u>	<u>80</u>
P11		<u>30</u>	<u>72</u>	<u>50</u>	<u>62</u>	<u>30</u>	<u>80</u>
P12				<u>55</u>	<u>62</u>	<u>33</u>	<u>80</u>
P13				<u>60</u>	<u>62</u>	<u>36</u>	<u>80</u>
P14						<u>39</u>	<u>80</u>
P15						<u>42</u>	<u>80</u>
P16						<u>45</u>	<u>80</u>
P17						<u>48</u>	<u>80</u>
P18						<u>51</u>	<u>80</u>
P19						<u>54</u>	<u>80</u>
P20						<u>57</u>	<u>80</u>
						<u>60</u>	<u>80</u>

TKT # 32662
I.

3085





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

Company Kan-Go, Inc. Lease & Well No. Funk #1
Elevation 1387 Kelly Bush. Formation Mississippi Effective Pay - Ft. Ticket No. 22662
Date 11-29-77 Sec. 21 Twp. 19S Range 2E County Marion State Kansas
Test Approved by Frank Mize Western Representative Norman Allen
Formation Test No. 2 O.K. ☒ Misrun ☐ Interval Tested From 2578' to 2625' Total Depth 2625'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No
Top Packer Depth 2573 Ft. Size 6 3/4 Bottom Packer Depth 2578 Ft. Size 6 3/4
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth ☐ Ft. Size ☐
Tool Size 4 1/2 OD Tool Joint Size 3 1/2 IF Anchor Length 47 Ft. Size 4 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 2590 Ft. Clock No. 8474 Depth 2593 Ft. Clock No. 6896
Top Make Kuster Cap. 4500 No. 3085 ~~Inside~~ Outside Bottom Make Kuster Cap. 3150 No. 1564 ~~Inside~~ Outside
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ ~~Inside~~ Outside Depth ☐ Ft. Rec. No. ☐ Clock No. ☐ ~~Inside~~ Outside
Time Set Packer 8:28P M
Tool Open I.F.P. From 8:30 M. to 9:00 M. ☐ Hr. 30 Min. From (B) 521 P.S.I. To (C) 540 P.S.I.
Tool Closed I.C.I.P. From 9:00 M. to 9:30 M. ☐ Hr. 30 Min (D) 640 P.S.I.
Tool Open F.F.P. From 9:30 M. to 9:45 M. ☐ Hr. 15 Min. From (E) 450 P.S.I. To (F) 543 P.S.I.
Tool Closed F.C.I.P. From 9:45 M. to 10:15 M. ☐ Hr. 30 Min. (G) 642 P.S.I.
Initial Hydrostatic Pressure (A) 1259 P.S.I. Final Hydrostatic Pressure (H) 1259 P.S.I. Maximum Temp. 102

INFORMATION

BLOW Very strong throughout test. Gas to surface in 1 minute. See attached sheet for gas measurement.

Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 520' total fluid; 10' free oil, 150' slightly oil cut salt water; 360' salt water

Reversed Out ☐ Yes ☒ No Mud Type Chem Viscosity 40 Weight 9.5 Water Loss 12 cc. Chlorides 1,300 ppm

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Yes Jars: Size 4 1/2 OD In. Make W.T.C. Ser. No. 411

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

DRILLING CONTRACTOR Kan-Go, Inc. #1 Length Drill Pipe? 2211 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe 210 Ft. I.D. Weight Pipe 2.7 In. Tool Joint Size 4 1/2 XH In. Length Drill Collars 120 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4H90 In. Length D.S.T. Tool 74 Ft.

Remarks: Waited till daylight to pull tool out of hole. Fluid sample checked 28,000 ppm chloride.

Took sample gas bottle #613

WESTERN TESTING CO., INC.

Pressure Data

Date 11-29-77 Recorder No. 3085 Capacity 4500 Test Ticket No. 22662
 Clock No. 8474 Elevation 1387 Kelly Bushing Location 2590 Ft.
 Well Temperature 102 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1259	P.S.I.	8:28P	M
B First Initial Flow Pressure	521	P.S.I.	30	Mins. 25
C First Final Flow Pressure	540	P.S.I.	30	Mins. 30
D Initial Closed-in Pressure	640	P.S.I.	15	Mins. 15
E Second Initial Flow Pressure	450	P.S.I.	30	Mins. 36
F Second Final Flow Pressure	543	P.S.I.		
G Final Closed-in Pressure	642	P.S.I.		
H Final Hydrostatic Mud	1259	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>12</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>521</u>	<u>0</u>	<u>540</u>	<u>0</u>	<u>450</u>	<u>0</u>	<u>543</u>
P 2 <u>5</u>	<u>514</u>	<u>3</u>	<u>631</u>	<u>5</u>	<u>533</u>	<u>3</u>	<u>633</u>
P 3 <u>10</u>	<u>516</u>	<u>6</u>	<u>636</u>	<u>10</u>	<u>538</u>	<u>6</u>	<u>638</u>
P 4 <u>15</u>	<u>532</u>	<u>9</u>	<u>637</u>	<u>15</u>	<u>543</u>	<u>9</u>	<u>639</u>
P 5 <u>20</u>	<u>539</u>	<u>12</u>	<u>638</u>			<u>12</u>	<u>640</u>
P 6 <u>25</u>	<u>540</u>	<u>15</u>	<u>638</u>			<u>15</u>	<u>640</u>
P 7		<u>18</u>	<u>639</u>			<u>18</u>	<u>640</u>
P 8		<u>21</u>	<u>639</u>			<u>21</u>	<u>642</u>
P 9		<u>24</u>	<u>639</u>			<u>24</u>	<u>642</u>
P10		<u>27</u>	<u>640</u>			<u>27</u>	<u>642</u>
P11		<u>30</u>	<u>640</u>			<u>30</u>	<u>642</u>
P12						<u>33</u>	<u>642</u>
P13						<u>36</u>	<u>642</u>
P14							
P15							
P16							
P17							
P18							
P19							
P20							