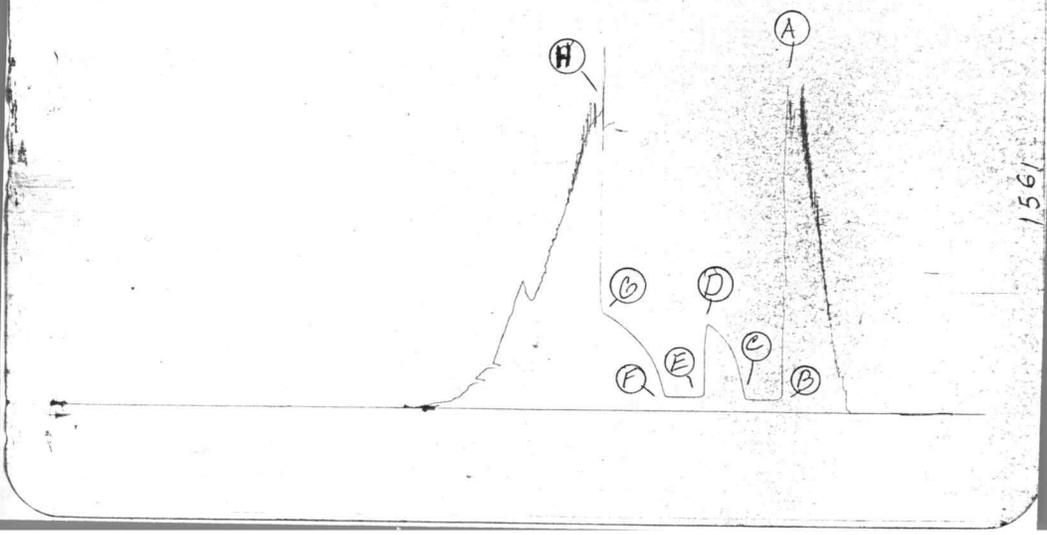


Pl. # 3908
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Company Kan-Go, Inc. Lease & Well No. Shields #1
 Elevation 1396 Kelly Bushing Formation Mississippi Effective Pay --- Ft. Ticket No. 3908
 Date 10/21/79 Sec. 14 Twp. 19S Range 4E County Marion State Kansas
 Test Approved by H. J. Groves Western Representative Norman Allen

Formation Test No. 1 Interval Tested from 2286 ft. to 2310 ft. Total Depth 2310 ft.
 Packer Depth 2286 ft. Size 6 3/4 in. Packer Depth --- ft. Size --- in.
 Packer Depth 2281 ft. Size 6 3/4 in. Packer Depth --- ft. Size --- in.
 Depth of Selective Zone Set ---

Top Recorder Depth (Inside) 2303 ft. Recorder Number 1561 Cap. 3200
 Bottom Recorder Depth (Outside) 2306 ft. Recorder Number 3085 Cap. 4500
 Below Straddle Recorder Depth --- ft. Recorder Number --- Cap. ---

Drilling Contractor Kansas Drilling Company Drill Collar Length 270 I. D. 2 1/4 in.
 Mud Type chemical Viscosity 44 Weight Pipe Length --- I. D. --- in.
 Weight 9.9 Water Loss 12.8 cc. Drill Pipe Length 1996 I. D. 3.8 in.
 Chlorides 2,600 P.P.M. Test Tool Length 44 ft. Tool Size 5 1/2 OD in.
 Jars: Make --- Serial Number --- Anchor Length 24 ft. Size 5 1/2 OD in.
 Did Well Flow? Gas Reversed Out No Surface Choke Size 1/4 in. Bottom Choke Size 3/4 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Fair throughout test. Gas to surface twenty five minutes. See remarks

Recovered 85 ft. of gas cut mud
 Recovered --- ft. of ---
 Recovered --- ft. of ---
 Recovered --- ft. of ---
 Recovered --- ft. of ---

Remarks: Gas gauged 2,400 CFPD @ 30 minutes in Initial Flow Period. Gas gauged 2,400 CFPD. Stabilized throughout Final Flow Period.

Time Set Packer(s)	<u>3:15</u> AM P.M.	Time Started Off Bottom	<u>5:30</u> AM P.M.	Maximum Temperature	<u>94</u> ⁰
Initial Hydrostatic Pressure	(A)		<u>1237</u>	P.S.I.	
Initial Flow Period	Minutes <u>30</u>	(B)	<u>50</u>	P.S.I. to (C)	<u>50</u> P.S.I.
Initial Closed In Period	Minutes <u>30</u>	(D)	<u>358</u>	P.S.I.	
Final Flow Period	Minutes <u>30</u>	(E)	<u>58</u>	P.S.I. to (F)	<u>58</u> P.S.I.
Final Closed In Period	Minutes <u>48</u>	(G)	<u>400</u>	P.S.I.	
Final Hydrostatic Pressure	(H)		<u>1197</u>	P.S.I.	

WESTERN TESTING CO., INC.

Pressure Data

Date 10/21/79 3908
 Recorder No. 1561 Test Ticket No. _____
 Capacity 3200 Location 2303 Ft.
 Clock No. -- Well Temperature 94 °F
 Elevation 1396 Kelly Bushing

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1237	P.S.I.	3:15P	
B First Initial Flow Pressure	50	P.S.I.		
C First Final Flow Pressure	50	P.S.I.		
D Initial Closed-in Pressure	358	P.S.I.		
E Second Initial Flow Pressure	58	P.S.I.		
F Second Final Flow Pressure	58	P.S.I.		
G Final Closed-in Pressure	400	P.S.I.		
H Final Hydrostatic Mud	1197	P.S.I.		

Open Tool
 First Flow Pressure
 Initial Closed-in Pressure
 Second Flow Pressure
 Final Closed-in Pressure

Time Given	M	Time Computed	Mins.	Mins.
30		30		
30		30		
30		30		
45		48		

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>50</u>	<u>0</u>	<u>50</u>	<u>0</u>	<u>58</u>	<u>0</u>	<u>58</u>
P 2 <u>5</u>	<u>50</u>	<u>3</u>	<u>104</u>	<u>5</u>	<u>58</u>	<u>3</u>	<u>104</u>
P 3 <u>10</u>	<u>50</u>	<u>6</u>	<u>170</u>	<u>10</u>	<u>58</u>	<u>6</u>	<u>160</u>
P 4 <u>15</u>	<u>50</u>	<u>9</u>	<u>220</u>	<u>15</u>	<u>58</u>	<u>9</u>	<u>195</u>
P 5 <u>20</u>	<u>50</u>	<u>12</u>	<u>254</u>	<u>20</u>	<u>58</u>	<u>12</u>	<u>225</u>
P 6 <u>25</u>	<u>50</u>	<u>15</u>	<u>279</u>	<u>25</u>	<u>58</u>	<u>15</u>	<u>248</u>
P 7 <u>30</u>	<u>50</u>	<u>18</u>	<u>298</u>	<u>30</u>	<u>58</u>	<u>18</u>	<u>268</u>
P 8 _____	_____	<u>21</u>	<u>319</u>	_____	_____	<u>21</u>	<u>287</u>
P 9 _____	_____	<u>24</u>	<u>333</u>	_____	_____	<u>24</u>	<u>306</u>
P10 _____	_____	<u>27</u>	<u>347</u>	_____	_____	<u>27</u>	<u>320</u>
P11 _____	_____	<u>30</u>	<u>358</u>	_____	_____	<u>30</u>	<u>338</u>
P12 _____	_____	_____	_____	_____	_____	<u>33</u>	<u>350</u>
P13 _____	_____	_____	_____	_____	_____	<u>36</u>	<u>361</u>
P14 _____	_____	_____	_____	_____	_____	<u>39</u>	<u>374</u>
P15 _____	_____	_____	_____	_____	_____	<u>42</u>	<u>385</u>
P16 _____	_____	_____	_____	_____	_____	<u>45</u>	<u>393</u>
P17 _____	_____	_____	_____	_____	_____	<u>48</u>	<u>400</u>
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____