



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

Company Publishers Petroleum Lease & Well No. Kookon #1
Elevation 1590 Kelly Bush. Formation Mississippi Effective Pay - Ft. Ticket No. 23333
Date 10-27-77 Sec. 35 Twp. 27S Range 8W County Kingman State Kansas
Test Approved by Darrell D. Avers Western Representative Joe N. Lusk
Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 3900' to 3966' Total Depth 3966'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 3895 Ft. Size 6 3/4 Bottom Packer Depth 3900 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 66 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 3907 Ft. Clock No. 10168 Depth 3910 Ft. Clock No. 6894
Top Make Kuster Cap. 4150 No. 969 ~~Inside~~ Outside Bottom Make Kuster Cap. 4400 No. 2603 ~~Inside~~ Outside
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ ~~Inside~~ Outside Depth ☐ Ft. Rec. No. ☐ Clock No. ☐ ~~Inside~~ Outside
Time Set Packer 7:48A M
Tool Open I.F.P. From 7:50 M. to 8:10 M. - Hr. 20 Min. From (B) 260 P.S.I. To (C) 227 P.S.I.
Tool Closed I.C.I.P. From 8:10 M. to 9:10 M. - Hr. 60 Min (D) 1364 P.S.I.
Tool Open F.F.P. From 9:10 M. to 10:10 M. - Hr. 60 Min. From (E) 295 P.S.I. To (F) 152 P.S.I.
Tool Closed F.C.I.P. From 10:10 M. to 11:40 M. - Hr. 90 Min. (G) 1275 P.S.I.
Initial Hydrostatic Pressure (A) 2155 P.S.I. Final Hydrostatic Pressure (H) 2148 P.S.I. Maximum Temp. 124

INFORMATION

BLOW Strong blow throughout test. Gas to surface in 3 minutes. See attached sheet for gas measurements.

Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 155' gas cut mud.

Reversed Out ☐ Yes ☒ No Mud Type Starch Viscosity 35 Weight 9.9 Water Loss 22.0 cc. Chlorides 78,000 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 H-30 Drilling Rig #7 Length Drill Pipe? 3466 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe 440 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4 1/2 XH In. Length Drill Collars ☐ Ft. I.D. Drill Collars ☐ In.

Tool Joint Size ☐ In. Length D.S.T. Tool 92 Ft.

Remarks:



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GAS FLOW REPORT

Date 10-27-77 Ticket 23333 Company Publishers Petroleum
Well Name and No. Kooken #1 Dst No. 1 Interval Tested 3900' - 3966'
County Kingman State Kansas Sec. 35 Twp. 27S Rg. 8W

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						
7:58AM	8 min.	6 lbs.	1" orifice			353,000 C.F.P.D.
8:03AM	13 min.	6 lbs.	1" orifice			353,000 C.F.P.D.
8:08AM	18 min.	6 lbs.	1" orifice			353,000 C.F.P.D.
8:10AM	20 min.	6 lbs.	1" orifice			353,000 C.F.P.D.
Gas to surface in 3 minutes.						

SECOND FLOW						
9:15AM	5 min.	8 lbs.	1" orifice			415,000 C.F.P.D.
9:20AM	10 min.	8 lbs.	1" orifice			415,000 C.F.P.D.
9:25AM	15 min.	8 lbs.	1" orifice			415,000 C.F.P.D.
9:30AM	20 min.	6 lbs.	1" orifice			353,000 C.F.P.D.
9:35AM	25 min.	6 lbs.	1" orifice			353,000 C.F.P.D.
9:40AM	30 min.	5 lbs.	1" orifice			319,000 C.F.P.D.
9:45AM	35 min.	5 lbs.	1" orifice			319,000 C.F.P.D.
9:50AM	40 min.	5 lbs.	1" orifice			319,000 C.F.P.D.
9:55AM	45 min.	4 lbs.	1" orifice			283,000 C.F.P.D.
10:00AM	50 min.	3 lbs.	1" orifice			242,000 C.F.P.D.
10:05AM	55 min.	3 lbs.	1" orifice			242,000 C.F.P.D.
10:10AM	60 min.	3 lbs.	1" orifice			242,000 C.F.P.D.

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

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 Publishers Petroleum

Authorized by Darrell D. Avers

WESTERN TESTING CO., INC.

Pressure Data

Date 10-27-77 Test Ticket No. 23333

Recorder No. 969 Capacity 4150 Location 3907 Ft.

Clock No. 10168 Elevation 1590 Kelly Bushing Well Temperature 124 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2155</u> P.S.I.	<u>7:48A</u> M	
B First Initial Flow Pressure	<u>260</u> P.S.I.	<u>20</u> Mins.	<u>20</u> Mins.
C First Final Flow Pressure	<u>227</u> P.S.I.	<u>60</u> Mins.	<u>57</u> Mins.
D Initial Closed-in Pressure	<u>1364</u> P.S.I.	<u>60</u> Mins.	<u>55</u> Mins.
E Second Initial Flow Pressure	<u>295</u> P.S.I.	<u>90</u> Mins.	<u>90</u> Mins.
F Second Final Flow Pressure	<u>152</u> P.S.I.		
G Final Closed-in Pressure	<u>1275</u> P.S.I.		
H Final Hydrostatic Mud	<u>2148</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>4</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>30</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>260</u>	<u>0</u>	<u>227</u>	<u>0</u>	<u>295</u>	<u>0</u>	<u>152</u>
P 2 <u>5</u>	<u>251</u>	<u>3</u>	<u>1035</u>	<u>5</u>	<u>252</u>	<u>3</u>	<u>683</u>
P 3 <u>10</u>	<u>260</u>	<u>6</u>	<u>1115</u>	<u>10</u>	<u>224</u>	<u>6</u>	<u>798</u>
P 4 <u>15</u>	<u>243</u>	<u>9</u>	<u>1155</u>	<u>15</u>	<u>205</u>	<u>9</u>	<u>860</u>
P 5 <u>20</u>	<u>227</u>	<u>12</u>	<u>1190</u>	<u>20</u>	<u>190</u>	<u>12</u>	<u>910</u>
P 6		<u>15</u>	<u>1219</u>	<u>25</u>	<u>180</u>	<u>15</u>	<u>949</u>
P 7		<u>18</u>	<u>1240</u>	<u>30</u>	<u>172</u>	<u>18</u>	<u>985</u>
P 8		<u>21</u>	<u>1259</u>	<u>35</u>	<u>166</u>	<u>21</u>	<u>1014</u>
P 9		<u>24</u>	<u>1274</u>	<u>40</u>	<u>161</u>	<u>24</u>	<u>1037</u>
P10		<u>27</u>	<u>1289</u>	<u>45</u>	<u>157</u>	<u>27</u>	<u>1063</u>
P11		<u>30</u>	<u>1300</u>	<u>50</u>	<u>154</u>	<u>30</u>	<u>1083</u>
P12		<u>33</u>	<u>1311</u>	<u>55</u>	<u>152</u>	<u>33</u>	<u>1101</u>
P13		<u>36</u>	<u>1321</u>			<u>36</u>	<u>1121</u>
P14		<u>39</u>	<u>1330</u>			<u>39</u>	<u>1135</u>
P15		<u>42</u>	<u>1337</u>			<u>42</u>	<u>1150</u>
P16		<u>45</u>	<u>1343</u>			<u>45</u>	<u>1162</u>
P17		<u>48</u>	<u>1350</u>			<u>48</u>	<u>1173</u>
P18		<u>51</u>	<u>1355</u>			<u>51</u>	<u>1185</u>
P19		<u>54</u>	<u>1361</u>			<u>54</u>	<u>1194</u>
P20		<u>57</u>	<u>1364</u>			<u>57</u>	<u>1204</u>

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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						60	1214
P 2						63	1222
P 3						66	1229
P 4						69	1236
P 5						72	1245
P 6						75	1251
P 7						78	1257
P 8						81	1261
P 9						84	1269
P 10						87	1273
P 11						90	1275
P 12							
P 13							
P 14							
P 15							
P 16							
P 17							
P 18							
P 19							
P 20							

969

TK# 23333

I.

