



P. O. BOX 1599
WICHITA, KANSAS 67201

Customer order #3325

Company Se Ro Bee Drilling Co., Inc. & Shaffer Oil Co. Well No. Werner #3
Elevation 1458 Kelly Bush Formation Mississippi Effective Pay 3 Ft. Ticket No. 21354
Date 11-23-74 Sec. 18 Twp. 32S Range 9W County Harper State Kansas
Test Approved by Lee Paulsen Western Representative Forrest Purnell

Formation Test No. #1 O.K. Misrun Interval Tested From 4340' to 4350' Total Depth 4350'
Size Main Hole 7 7/8" Rat Hole Conv. B.T. Damaged Yes No Conv B.T. Damaged Yes No
Top Packer Depth 4335 Ft. Size 6 3/4 Bottom Packer Depth 4340 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 10 Ft. Size Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4343 Ft. Clock No. 9725 Depth 4346 Ft. Clock No. 8476
Top Make Kuster Cap. 4200 No. 1559 Inside Outside
Bottom Make Kuster Cap. 3000 No. 3473 Inside Outside
Below Straddle: Depth Rec. No. Clock No. Inside Outside

Time Set Packer 7:10 P. M
Tool Open I.F.P. From 7:15 P.M. to 7:45 P.M. Hr. 30 Min. From (B) 50 P.S.I. To (C) 121 P.S.I.
Tool Closed I.C.I.P. From 7:45 P.M. to 8:15 P.M. Hr. 30 Min (D) 1392 P.S.I.
Tool Open F.F.P. From 8:15 P.M. to 9:15 P.M. Hr. 60 Min. From (E) 146 P.S.I. To (F) 291 P.S.I.
Tool Closed F.C.I.P. From 9:15 P.M. to 10:15 P.M. Hr. 60 Min. (G) 1380 P.S.I.
Initial Hydrostatic Pressure (A) 2237 P.S.I. Final Hydrostatic Pressure (H) 2247 P.S.I. Maximum Temp. 118

INFORMATION

BLOW strong blow throughout test Gas to surface five minutes

Did Well Flow Yes No Recovery Total Ft. 300' of clean gassy oil 150' heavy oil and gas cut Drlg mud

Reversed Out Yes No Mud Type Starch Viscosity 47 Weight 9.7 Water Loss 12.8 cc. Chlorides 71,000 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 DaMac Drilling co. Inc. Length Drill Pipe? 3676 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2" FH & H90

Length Weight Pipe 674 Ft. I.D. Weight Pipe 2.7 In. Tool Joint Size 4 1/2 In. Length Drill Collars Ft. I.D. Drill Collars In.

Tool Joint Size In. Length D.S.T. Tool 31 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 11-23-74 Test Ticket No. 21354
 Recorder No. 1559 Capacity 4200 Location 4323 Ft.
 Clock No. 9725 Elevation 1458 Kelly Bush. Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2257</u>	P.S.I.	<u>7:10 PM</u>	
B First Initial Flow Pressure	<u>50</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>121</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1392</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>146</u>	P.S.I.	<u>60</u> Mins.	<u>63</u> Mins.
F Second Final Flow Pressure	<u>291</u>	P.S.I.		
G Final Closed-in Pressure	<u>1380</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2247</u>	P.S.I.		

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>21</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.			
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>50</u>	<u>0</u>	<u>121</u>	<u>0</u>	<u>146</u>	<u>0</u>	<u>291</u>
P 2	<u>56</u>	<u>3</u>	<u>898</u>	<u>5</u>	<u>147</u>	<u>3</u>	<u>893</u>
P 3	<u>70</u>	<u>6</u>	<u>1255</u>	<u>10</u>	<u>161</u>	<u>6</u>	<u>1146</u>
P 4	<u>83</u>	<u>9</u>	<u>1314</u>	<u>15</u>	<u>176</u>	<u>9</u>	<u>1228</u>
P 5	<u>96</u>	<u>12</u>	<u>1336</u>	<u>20</u>	<u>188</u>	<u>12</u>	<u>1260</u>
P 6	<u>109</u>	<u>15</u>	<u>1374</u>	<u>25</u>	<u>201</u>	<u>15</u>	<u>1284</u>
P 7	<u>121</u>	<u>18</u>	<u>1381</u>	<u>30</u>	<u>213</u>	<u>18</u>	<u>1302</u>
P 8		<u>21</u>	<u>1387</u>	<u>35</u>	<u>227</u>	<u>21</u>	<u>1314</u>
P 9		<u>24</u>	<u>1392</u>	<u>40</u>	<u>240</u>	<u>24</u>	<u>1322</u>
P10		<u>27</u>		<u>45</u>	<u>255</u>	<u>27</u>	<u>1332</u>
P11		<u>30</u>		<u>50</u>	<u>268</u>	<u>30</u>	<u>1341</u>
P12		<u>33</u>		<u>55</u>	<u>281</u>	<u>33</u>	<u>1345</u>
P13		<u>36</u>		<u>60</u>	<u>291</u>	<u>36</u>	<u>1351</u>
P14		<u>39</u>				<u>39</u>	<u>1355</u>
P15		<u>42</u>				<u>42</u>	<u>1360</u>
P16		<u>45</u>				<u>45</u>	<u>1365</u>
P17						<u>48</u>	<u>1367</u>
P18						<u>51</u>	<u>1371</u>
P19						<u>54</u>	<u>1374</u>
P20						<u>57</u>	<u>1378</u>
						<u>60</u>	<u>1379</u>
						<u>63</u>	<u>1380</u>



P. O. BOX 793
GREAT BEND, KANSAS

COMPANY SeRoBee Drilling Co., Inc. & Shaffer Oil Co. LEASE & WELL NO. Werner #3

TEST NO. #1 INTERVAL TESTED FROM 4340' TO 4350'

TIME	MAX PRESS. P.S.I.	DESCRIPTION OF FLOW
7:15 P.M. 7:15 P.M.		
7:25 "	2 lbs.	108,000 C.F.P.D.
7:35 "	2.3 lbs.	121,000 C.F.P.D.
7:45 "	2.5 lbs.	121,000 C.F.P.D.
SECOND FLOW		
8:15 P.M. 8:15 P.M.	2.5 lbs.	121,000 C.F.P.D.
8:25 "	1.5 "	93,000
8:35 "	1.5 "	C.F.P.D.
		93,000 C.F.P.D.
8:45 "	2.0 "	108,000 C.F.P.D.
8:55 "	1.0 "	76,000 C.F.P.D.
9:05 "	1.0 "	76,000 C.F.P.D.
9:15 "		

SIZE CHOKE 3/4 SURFACE 3/4 IN. BOTTOM IN. 3/4

REMARKS Gas to surface five minutes, all measurments were
taken thur a 2" orfice well tested thur a 3/4" choke
at ten minutes interals, gas decreased from 121,000 C.F.P.D.
to 76,000 C.F.P.D. gas never stablize