



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

Company Se Ro Bee & Shaffer Lease & Well No. Werrer B-1
Elevation 1459 Kelly Bushings Formation Mississippian Effective Pay 17 Ft. Ticket No. 20275
Date 6-27-74 Sec. 18 Twp. 32S Range 9W County Harper State Kansas
Test Approved by John Crowe Western Representative Kenneth Cheney

Formation Test No. 1 O.K. Misrun _____ Interval Tested From 4333' 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 4328 Ft. Size 6 3/4" Bottom Packer Depth 4333 Ft. Size 6 3/4"
Straddle No Conv. _____ B.T. _____ Damaged _____ Yes _____ No Packer Depth _____ Ft. Size _____
Tool Size 4 1/2" O.D. Tool Joint Size 3 1/2" I.F. Anchor Length 17 Ft. Size 4 1/2" I.F. Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4342 Ft. Clock No. 8376 Depth 4344 Ft. Clock No. 6799
Top Make Kuster Cap. 4150 No. 3354 ~~Inside~~ Bottom Make Kuster Cap. 4150 No. 1051 ~~Inside~~
Below Straddle: Depth _____ Rec. No. _____ Clock No. _____ ~~Inside~~ Depth _____ Ft. Rec. No. _____ Clock No. _____ ~~Inside~~

Time Set Packer 11:13 A.M.
Tool Open I.F.P. From 11:15 M. to 11:45A M. Hr. 30 Min. From (B) 655 P.S.I. To (C) 485 P.S.I.
Tool Closed I.C.I.P. From 11:45 M. to 12:15P M. Hr. 30 Min (D) 1283 P.S.I.
Tool Open F.F.P. From 12:15 M. to 12:45P M. Hr. 30 Min. From (E) 582 P.S.I. To (F) 424 P.S.I.
Tool Closed F.C.I.P. From 12:45 M. to 1:15P M. Hr. 30 Min. (G) 1169 P.S.I.
Initial Hydrostatic Pressure (A) 2362 P.S.I. Final Hydrostatic Pressure (H) 2263 P.S.I. Maximum Temp. _____

INFORMATION

BLOW Strong Gas in 1 min. Stab. @ 5,200,000 C.F.P.D.
Did Well Flow Yes _____ No _____ Recovery Total Ft. 60 feet free oil

Reversed Out _____ Yes No _____ Mud Type Starch Viscosity 45 Weight 9.7 Water Loss 12.2 cc. Chlorides 55,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Plug Safety Joint: No Jars: Size _____ In. Make _____ Ser. No. _____

Dual Packer: Yes Did Packers Hold? Yes Did Tool Plug? No Where? _____

DRILLING CONTRACTOR Damac Drlg. Co. Length Drill Pipe? 3395 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 In.

Length Weight Pipe 856 Ft. I.D. Weight Pipe 2.7 In. Tool Joint Size 4 1/2 In. Length Drill Collars 60 Ft. I.D. Drill Collars 2.7 In.

Tool Joint Size 4 H-90 In. Length D.S.T. Tool 39 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 6-27-74 Test Ticket No. 20275
 Recorder No. 3354 Capacity 4150 Location 4342' Ft.
 Clock No. 8376 Elevation 1459 KB Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2362</u> P.S.I.	Open Tool	<u>11:13</u> AM	
B First Initial Flow Pressure	<u>655</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>485</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1283</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>582</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>424</u> P.S.I.			
G Final Closed-in Pressure	<u>1169</u> P.S.I.			
H Final Hydrostatic Mud	<u>2263</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>6</u> Inc.		Breakdown: <u>10</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>3</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>655</u>	<u>0</u>	<u>485</u>	<u>0</u>	<u>582</u>	<u>0</u>	<u>424</u>
P 2 <u>5</u>	<u>648</u>	<u>3</u>	<u>1081</u>	<u>5</u>	<u>532</u>	<u>3</u>	<u>947</u>
P 3 <u>10</u>	<u>615</u>	<u>6</u>	<u>1128</u>	<u>10</u>	<u>503</u>	<u>6</u>	<u>998</u>
P 4 <u>15</u>	<u>570</u>	<u>9</u>	<u>1163</u>	<u>15</u>	<u>476</u>	<u>9</u>	<u>1036</u>
P 5 <u>20</u>	<u>544</u>	<u>12</u>	<u>1190</u>	<u>20</u>	<u>455</u>	<u>12</u>	<u>1065</u>
P 6 <u>25</u>	<u>515</u>	<u>15</u>	<u>1214</u>	<u>25</u>	<u>441</u>	<u>15</u>	<u>1089</u>
P 7 <u>30</u>	<u>496</u>	<u>18</u>	<u>1232</u>	<u>30</u>	<u>424</u>	<u>18</u>	<u>1110</u>
P 8 <u>33</u>	<u>485</u>	<u>21</u>	<u>1249</u>			<u>21</u>	<u>1128</u>
P 9 _____		<u>24</u>	<u>1263</u>			<u>24</u>	<u>1142</u>
P10 _____		<u>27</u>	<u>1275</u>			<u>27</u>	<u>1155</u>
P11 _____		<u>30</u>	<u>1283</u>			<u>30</u>	<u>1169</u>
P12 _____							
P13 _____							
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							



P. O. BOX 793
GREAT BEND, KANSAS

COMPANY See-Ro-Bee LEASE & WELL NO. Werrer #1-B

TEST NO. 1 INTERVAL TESTED FROM 4333' TO 4350'

TIME PRE-FLOW	MAX PRESS. P.S.I.	DESCRIPTION OF FLOW
<u>11:15 AM</u>	<u>Tool Open</u>	
<u>11:25</u>	<u>21 PSI</u>	<u>2" choke 5,700,000 CFPD</u>
<u>11:35</u>	<u>18 PSI</u>	<u>2" choke 5,370,000 CFPD</u>
<u>11:45</u>	<u>17 PSI</u>	<u>2" choke 5,200,000 CFPD</u>
SECOND FLOW		
<u>12:15 PM</u>	<u>Tool Open</u>	
<u>12:25</u>	<u>18 PSI</u>	<u>2" choke 5,370,000 CFPD</u>
<u>12:35</u>	<u>17 PSI</u>	<u>2" choke 5,200,000 CFPD</u>
<u>12:45</u>	<u>17 PSI</u>	<u>2" choke 5,200,000 CFPD</u>

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

REMARKS Gas to surface in 1 minute.
Gas samples in bottles #606 and #636

