

Home Office: Great Bend, Kansas

P. O. Box 793 (316) 793-7903 *Broce*

Company **Schaefer & See Ro Bee Drilling Inc.** Lease & Well No. **Boree #1**

Elevation **1603 Kelly Bushings** Formation **Mississippian** Effective Pay _____ Ft. Ticket No. **17736**

Date **10-19-72** Sec. **26** Twp. **31** Range **9W** County **Harper** State **Kansas**

Test Approved by **Lee Poulsen** Western Representative **Norman Allen**

Formation Test No. **1** O.K. ☒ Misrun _____ Interval Tested From **4418'** to **4435'** Total Depth **4435'**

Size Main Hole **7 7/8"** Rat Hole _____ Conv. ☒ B.T. _____ Damaged Yes ☒ No Conv. _____ B.T. ☒ Damaged Yes ☒ No

Packer Depth **4413** Ft. Size **6 3/4"** Packer Depth **4418** Ft. Size **6 3/4"**

Straddle Yes _____ No ☒ Conv. _____ B.T. _____ Damaged Yes _____ No

Packer Depth _____ Ft. Size _____

Tool Size **5 1/2" O.D.** Tool Jt. Size **4 1/2" F.H.** Anchor Length **17** Ft. Size **5 1/2" O.D.**

RECORDERS	Depth 4428	Ft.	Clock No. 10412	Depth 4431	Ft.	Clock No. 8474
	Top Make Kuster	Cap 4200	No. 3354	Bottom Make Kuster	Cap 4150	No. 969
			Inside			Inside
			Inside			Inside
Below Straddle: Depth			Clock No.	Depth		Clock No.
			Inside			Inside
			Outside			Outside
Top Make	Cap	No.	Bottom Make	Cap	No.	Bottom Make

Time Set Packer **9:42** **A.** M

Tool Open I.F.P. From **9:45** M. to **10:00A.M.** Hr. **15** Min. From (B) **52** P.S.I. To (C) **52** P.S.I.

Tool Closed I.C.I.P. From **10:00** M. to **10:45A.M.** Hr. **45** Min. (D) **1377** P.S.I.

Tool Open F.F.P. From **10:45** M. to **12:15P.M.** Hr. **90** Min. From (E) **49** P.S.I. To (F) **58** P.S.I.

Tool Closed F.C.I.P. From **12:15** M. to **1:15P.M.** Hr. **60** Min. (G) **1393** P.S.I.

Initial Hydrostatic Pressure (A) **2412** P.S.I. Final Hydrostatic Pressure (H) **2409** P.S.I.

SURFACE	Size Choke 3/4	In.	Max. Press. P.S.I.	Time	Description of Flow
INFORMATION				M.	
				M.	
				M.	

See attached sheet

BLOW **Fair to strong @ end of test - Gas to surface 20 minutes** Bottom Choke Size **3/4** In.

Did Well Flow **Gas** Yes _____ No _____ Recovery Total Ft. **90 feet gas cut mud**

Reversed Out Yes ☒ No _____ Mud Type **Starch** Viscosity **50** Weight **9.8** Water Loss **6.4** cc. Maximum Temp. **118** °F

Type Circ. Sub. **Pin** Safety Joint **No** Jars: Size _____ Make _____ Ser. No. _____

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

Length Drill Pipe **4308** ft. I.D. Drill Pipe **3.8** in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars **90** ft.

I.D. Drill Collars **2 1/2** in. Length D.S.T. Tool **37** ft.

Remarks **Gas measured 17,100 CFPD @ 11:00A.M. & increased to 64,000 @ 12:10 to 12:15P.M.**



P. O. BOX 793
GREAT BEND, KANSAS

COMPANY Schaefer-See Ro Bee Drilling Inc. LEASE & WELL NO. Borce #1

TEST NO. 1 INTERVAL TESTED FROM 4418' TO 4435'

TIME
PRE-FLOW MAX PRESS. P.S.I. DESCRIPTION OF FLOW

Tool on bottom @ open @ 9:45 - to 10:00 A.M.

" closed in 10:00 to 10:45 A.M.

Gas to surface 10:50 A.M. (20 minutes)

11:00 A.M. 3.5 lbs 1/4" choke 17,100 CFPD Gas

11:10 " 5 " " 20,100 " "

11:20 " 7 " " 25,000 " "

11:30 " 10 " " 30,800 " "

11:40 " 17 " " 42,400 " "

11:50 " 2.5 lbs. 1/2" choke 47,700 " "

12:00 3 " " 59,200 " "

12:10-12:15 3.5 " " 64,000 " "

Tool closed in 12:15 to 1:15 P.M.

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

REMARKS Gas measurements taken with 2" orifice well tester

with 1/4" & 1/2" choke

WESTERN TESTING CO., INC.

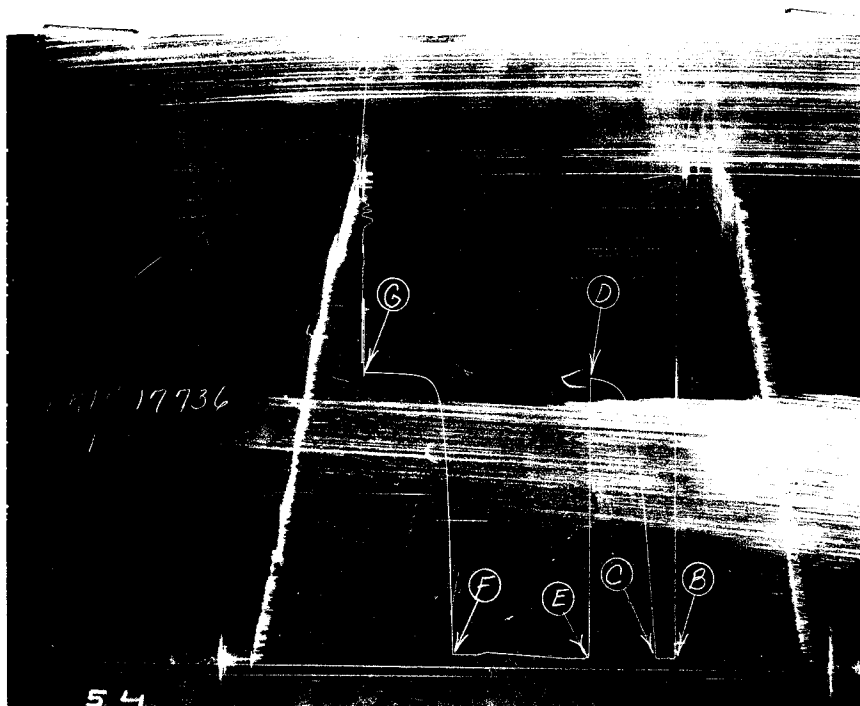
Pressure Data

Date 10-19-72 Recorder No. 3354 Capacity 4200 Test Ticket No. 17736
 Clock No. 10412 Elevation 1603 Kelly Bushings Location 4428 Ft.
 Well Temperature 118 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2412</u> P.S.I.	<u>9:45</u> A. M.	
B First Initial Flow Pressure	<u>52</u> P.S.I.	<u>15</u> Mins.	<u>13</u> Mins.
C First Final Flow Pressure	<u>52</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>1377</u> P.S.I.	<u>90</u> Mins.	<u>88</u> Mins.
E Second Initial Flow Pressure	<u>49</u> P.S.I.	<u>60</u> Mins.	<u>62</u> Mins.
F Second Final Flow Pressure	<u>58</u> P.S.I.		
G Final Closed-in Pressure	<u>1393</u> P.S.I.		
H Final Hydrostatic Mud	<u>2409</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>2</u> Inc. of <u>5</u> mins. and a final inc. of <u>3</u> Min.		Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>17</u> Inc. of <u>5</u> mins. and a final inc. of <u>13</u> Min.		Final Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>2</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>52</u>	<u>0</u>	<u>52</u>	<u>0</u>	<u>49</u>	<u>0</u>	<u>58</u>
P 2 <u>5</u>	<u>52</u>	<u>3</u>	<u>348</u>	<u>5</u>	<u>49</u>	<u>3</u>	<u>470</u>
P 3 <u>10</u>	<u>52</u>	<u>6</u>	<u>559</u>	<u>10</u>	<u>49</u>	<u>6</u>	<u>833</u>
P 4 <u>13</u>	<u>52</u>	<u>9</u>	<u>784</u>	<u>15</u>	<u>50</u>	<u>9</u>	<u>1067</u>
P 5		<u>12</u>	<u>945</u>	<u>20</u>	<u>51</u>	<u>12</u>	<u>1223</u>
P 6		<u>15</u>	<u>1073</u>	<u>25</u>	<u>53</u>	<u>15</u>	<u>1308</u>
P 7		<u>18</u>	<u>1168</u>	<u>30</u>	<u>55</u>	<u>18</u>	<u>1345</u>
P 8		<u>21</u>	<u>1240</u>	<u>35</u>	<u>57</u>	<u>21</u>	<u>1364</u>
P 9		<u>24</u>	<u>1286</u>	<u>40</u>	<u>59</u>	<u>24</u>	<u>1375</u>
P10		<u>27</u>	<u>1322</u>	<u>45</u>	<u>61</u>	<u>27</u>	<u>1379</u>
P11		<u>30</u>	<u>1339</u>	<u>50</u>	<u>63</u>	<u>30</u>	<u>1383</u>
P12		<u>33</u>	<u>1356</u>	<u>55</u>	<u>65</u>	<u>33</u>	<u>1386</u>
P13		<u>36</u>	<u>1362</u>	<u>60</u>	<u>67</u>	<u>36</u>	<u>1388</u>
P14		<u>39</u>	<u>1369</u>	<u>65</u>	<u>69</u>	<u>39</u>	<u>1389</u>
P15		<u>42</u>	<u>1373</u>	<u>70</u>	<u>63</u>	<u>42</u>	<u>1390</u>
P16		<u>45</u>	<u>1377</u>	<u>75</u>	<u>59</u>	<u>45</u>	<u>1391</u>
P17				<u>80</u>	<u>58</u>	<u>48</u>	<u>1391</u>
P18				<u>85</u>	<u>58</u>	<u>51</u>	<u>1392</u>
P19				<u>88</u>	<u>58</u>	<u>54</u>	<u>1392</u>
P20						<u>57</u>	<u>1393</u>
						<u>60</u>	<u>1393</u>
						<u>62</u>	<u>1393</u>



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2387	2412	PSI
(B) First Initial Flow Pressure	63	52	PSI
(C) First Final Flow Pressure	63	52	PSI
(D) Initial Closed-in Pressure	1392	1377	PSI
(E) Second Initial Flow Pressure	63	49	PSI
(F) Second Final Flow Pressure	63	58	PSI
(G) Final Closed-in Pressure	1402	1393	PSI
(H) Final Hydrostatic Mud	2387	2409	PSI