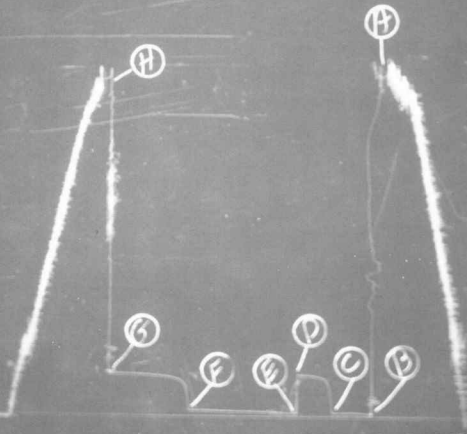


TAT # 25110

I



3085



INC.

P. O. Box 1599  
Wichita, Kansas 67201

Company Se Ro Bee Drilling Co., Inc. Lease & Well No. Graber #1  
Elevation 1550 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 25140  
Date 7-17-76 Sec. 26 Twp. 29S Range 7W County Kinman State Kansas  
Test Approved by Lee Poulsen Western Representative Roy Pendlay

Formation Test No. 1 O.K.  Misrun  Interval Tested From 4128' to 4174' Total Depth 4174'  
Size Main Hole 77/8 Rat Hole  Conv.  B.T.  Damaged  Yes  No Conv.  B.T.  Damaged  Yes  No  
Top Packer Depth 4123 Ft. Size 6 3/4 Bottom Packer Depth 4128 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 46 Ft. Size 5 1/2 OD & DC Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4122 AP Ft. Clock No. 6896 Depth 4135 Ft. Clock No. 6866  
Top Make Kuster Cap. 4500 No. 3085 Inside  Outside  Bottom Make Kuster Cap. 3150 No. 1562 Inside  Outside   
Below Straddle: Depth  Rec. No.  Clock No.  Inside  Outside  Depth  Ft. Rec. No.  Clock No.  Inside  Outside

Time Set Packer 12:27 AM  
Tool Open I.F.P. From 12:30 AM to 1:00 AM - Hr. 30 Min. From (B) 17 P.S.I. To (C) 24 P.S.I.  
Tool Closed I.C.I.P. From 1:00 AM to 1:30 AM - Hr. 30 Min (D) 262 P.S.I.  
Tool Open F.F.P. From 1:30 AM to 3:00 AM 1 Hr. 30 Min. From (E) 24 P.S.I. To (F) 38 P.S.I.  
Tool Closed F.C.I.P. From 3:00 AM to 4:00 AM - Hr. 60 Min. (G) 263 P.S.I.  
Initial Hydrostatic Pressure (A) 2130 P.S.I. Final Hydrostatic Pressure (H) 2112 P.S.I. Maximum Temp. 131

INFORMATION

BLOW Strong blow throughout test. Gas to surface in 26 minutes. See attached sheet for gas measurements.

Did Well Flow Gas Yes  No  Recovery Total Ft. Fluid recovery - 90' gas cut drilling mud.

Reversed Out  Yes  No  Mud Type starch Viscosity 42 Weight 9.5 Water Loss 12.4 cc. Chlorides 63,000 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 Graves Drlg. Co. Length Drill Pipe? 3985 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe  Ft. I.D. Weight Pipe  In. Tool Joint Size  In. Length Drill Collars 120 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4H90 In. Length D.S.T. Tool 69 Ft.

Remarks:

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 7-17-76 Test Ticket No. 25140  
 Recorder No. 3085 Capacity 4500 Location 4122 AP Ft.  
 Clock No. 6896 Elevation 1550 Kelly Bushing Well Temperature 131 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2130</u>	P.S.I.	<u>12:27 A M</u>	
B First Initial Flow Pressure	<u>17</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>24</u>	P.S.I.	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>262</u>	P.S.I.	<u>90</u> Mins.	<u>85</u> Mins.
E Second Initial Flow Pressure	<u>24</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>38</u>	P.S.I.		
G Final Closed-in Pressure	<u>263</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2112</u>	P.S.I.		

**PRESSURE BREAKDOWN**

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

**Initial Shut-In**  
 Breakdown: 9 Inc.  
 of 3 mins. and a  
 final inc. of 0 Min.

**Second Flow Pressure**  
 Breakdown: 17 Inc.  
 of 5 mins. and a  
 final inc. of 0 Min.

**Final Shut-In**  
 Breakdown: 20 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>17</u>	<u>0</u>	<u>24</u>	<u>0</u>	<u>24</u>	<u>0</u>	<u>38</u>
P 2 <u>5</u>	<u>19</u>	<u>3</u>	<u>202</u>	<u>5</u>	<u>19</u>	<u>3</u>	<u>191</u>
P 3 <u>10</u>	<u>24</u>	<u>6</u>	<u>234</u>	<u>10</u>	<u>22</u>	<u>6</u>	<u>220</u>
P 4 <u>15</u>	<u>25</u>	<u>9</u>	<u>246</u>	<u>15</u>	<u>24</u>	<u>9</u>	<u>232</u>
P 5 <u>20</u>	<u>24</u>	<u>12</u>	<u>251</u>	<u>20</u>	<u>26</u>	<u>12</u>	<u>240</u>
P 6 <u>25</u>	<u>24</u>	<u>15</u>	<u>255</u>	<u>25</u>	<u>29</u>	<u>15</u>	<u>246</u>
P 7 <u>30</u>	<u>24</u>	<u>18</u>	<u>256</u>	<u>30</u>	<u>30</u>	<u>18</u>	<u>249</u>
P 8 _____		<u>21</u>	<u>258</u>	<u>35</u>	<u>31</u>	<u>21</u>	<u>251</u>
P 9 _____		<u>24</u>	<u>260</u>	<u>40</u>	<u>31</u>	<u>24</u>	<u>253</u>
P10 _____		<u>27</u>	<u>262</u>	<u>45</u>	<u>32</u>	<u>27</u>	<u>255</u>
P11 _____				<u>50</u>	<u>32</u>	<u>30</u>	<u>257</u>
P12 _____				<u>55</u>	<u>33</u>	<u>33</u>	<u>258</u>
P13 _____				<u>60</u>	<u>33</u>	<u>36</u>	<u>260</u>
P14 _____				<u>65</u>	<u>35</u>	<u>39</u>	<u>261</u>
P15 _____				<u>70</u>	<u>36</u>	<u>42</u>	<u>261</u>
P16 _____				<u>75</u>	<u>37</u>	<u>45</u>	<u>262</u>
P17 _____				<u>80</u>	<u>38</u>	<u>48</u>	<u>262</u>
P18 _____				<u>85</u>	<u>38</u>	<u>51</u>	<u>262</u>
P19 _____						<u>54</u>	<u>262</u>
P20 _____						<u>57</u>	<u>263</u>
						<u>60</u>	<u>263</u>



INC.

P. O. Box 1599

Wichita, Kansas 67201

### GAS FLOW REPORT

Date 7-17-76 Ticket 25140 Company Se Ro Bee Drilling Co., Inc.  
 Well Name and No. Graber #1 Dst No. 1 Interval Tested 4128' - 4176'  
 County Kingman State Kansas Sec. 26 Twp. 29S Rg. 7W

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
Tool on bottom 8 open at 12:30 AM						<b>PRE FLOW</b>
1:00 AM	30 min.	19 inches	of water	1/4" choke		7,320 C.F.P.D. Gas

Tool closed in 1:00 to 1:30 AM ICIP						<b>SECOND FLOW</b>
1:32 AM	32 min.	1 1/2 lbs.	1/4" choke			11,020 C.F.P.D. Gas
1:45 AM	45 min.	5 lbs.	1/4" choke			20,700 C.F.P.D. Gas
2:00 AM	60 min.	6 lbs.	1/4" choke			22,900 C.F.P.D. Gas
2:15 AM	75 min.	7 1/2 lbs.	1/4" choke			26,100 C.F.P.D. Gas
2:30 AM	90 min.	8 lbs.	1/4" choke			27,000 C.F.P.D. Gas
2:45 AM	105 min.	9 lbs.	1/4" choke			29,000 C.F.P.D. Gas
3:00 AM	120 min.	9 lbs.	1/4" choke			29,000 C.F.P.D. Gas
Tool Closed in 3:00 to 4:00 AM						<b>FCIP</b>

### GAS BOTTLE

Serial No. - Date Bottle Filled 7-17-76 Date to be Invoiced 7-17-76

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 Se Ro Bee Drilling Co., Inc.

Authorized by Lee Poulsen