

# Log Analysis

SEC. 11 T. 3 S. 10. 19W

Schlur

CE/2 NWSW

COMPANY <i>Southland Royalty Company</i>	WELL <i>Sec 11 T. 3 S. 10. 19W</i>
FIELD <i>Cimarron Bend</i>	COUNTY <i>MEADE</i>
	STATE <i>KANSAS</i>

DEPTH	m/n	Rw	RE	R-20 RE	Sw ratio	φ <sub>D</sub>	φ <sub>N</sub>	% POROSITY	% WATER	REMARKS
<i>Council Bluffs</i>										
<i>2909-12</i>	<i>2.0</i>	<i>04</i>	<i>5</i>			<i>14</i>	<i>16</i>	<i>15</i>	<i>60</i>	
<i>2988-90</i>	<i>"</i>	<i>"</i>	<i>15</i>			<i>14</i>	<i>11</i>	<i>12.5</i>	<i>41</i>	<i>probly thin</i>
<i>3036-40</i>	<i>"</i>	<i>"</i>	<i>5</i>	<i>2.5</i>	<i>95</i>	<i>20</i>	<i>22</i>	<i>21</i>	<i>43</i>	<i>oolicas</i>
<i>3067-69</i>	<i>"</i>	<i>"</i>	<i>13</i>		<i>80</i>	<i>24</i>	<i>28</i>	<i>26</i>	<i>21</i>	<i>wet</i>
<i>3116-20</i>	<i>"</i>	<i>"</i>	<i>7</i>	<i>3.6</i>	<i>72</i>	<i>12</i>	<i>17</i>	<i>14.5</i>	<i>32</i>	
<i>3193-85</i>	<i>"</i>	<i>"</i>	<i>8</i>			<i>12</i>	<i>12</i>	<i>12</i>	<i>59</i>	
<i>3428-32</i>	<i>"</i>	<i>"</i>	<i>3</i>			<i>19</i>	<i>22</i>	<i>20.5</i>	<i>56</i>	<i>oolicas</i>
<i>32-34</i>	<i>"</i>	<i>"</i>	<i>9</i>	<i>4.4</i>	<i>85</i>	<i>15</i>	<i>19</i>	<i>17</i>	<i>39</i>	<i>wet</i>
<i>Toronto</i>										<i>from repeat</i>
<i>4324-28</i>	<i>2.0</i>	<i>04</i>	<i>15</i>			<i>11</i>	<i>11</i>	<i>11</i>	<i>47</i>	<i>poss</i>
<i>28-30</i>	<i>"</i>	<i>"</i>	<i>18</i>			<i>9</i>	<i>10</i>	<i>9.5</i>	<i>50</i>	<i>gas</i>
<i>30-32</i>	<i>"</i>	<i>"</i>	<i>22</i>			<i>7</i>	<i>9</i>	<i>8</i>	<i>53</i>	<i>oil</i>
<i>32-36</i>	<i>"</i>	<i>"</i>	<i>23</i>			<i>3</i>	<i>8</i>	<i>5.5</i>	<i>76</i>	
<i>(32-36)</i>	<i>→</i>	<i>SDS Dal</i>				<i>8</i>		<i>8</i>	<i>(53)</i>	
<i>Landing</i>										
<i>4444-49</i>	<i>2.0</i>	<i>04</i>				<i>6</i>	<i>7</i>	<i>6.5</i>	<i>85</i>	

All interpretations are opinions based on inferences from electrical and other measurements and we cannot, and do not, guarantee the accuracy correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

DATE <i>6-17-80</i>	LOCATION <i>LIBERAL</i>	ENGINEER <i>M. J. Reisinger</i>
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Attention - Miles Reynolds