

Company Chinook Energy Corporation Lease & Well No. Neeley #1
Elevation 1022 Ground Level Formation Mississippi Chert Effective Pay - Ft. Ticket No. 13197
Date 2/28/82 Sec. 4 Twp. 34S Range 10E County Chautauqua State Kansas
Test Approved by Timothy M Ryan Western Representative Allen Edgington

Formation Test No. 1 Interval Tested from 2125 ft. to 2170 ft. Total Depth 2170 ft.

Packer Depth 2120 ft. Size 5½ in. Packer Depth - ft. Size - in.

Packer Depth 2125 ft. Size 5½ in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2131 ft. Recorder Number 5666 Cap. 3950

Bottom Recorder Depth (Outside) 2134 ft. Recorder Number 3354 Cap. 4200

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Bo-Jax Rig #1 Drill Collar Length 56 I. D. 2.0 in.

Mud Type Chemical Viscosity 47 Weight Pipe Length - I. D. - in.

Weight - Water Loss - cc. Drill Pipe Length 1984 I. D. 2.7 in.

Chlorides - P.P.M. Test Tool Length 28 ft. Tool Size 4½OD in.

Jars: Make WTC Serial Number 407 Anchor Length 45 ft. Size 4½OD in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 6¼ in. Tool Joint Size 3½IF in.

Blow: Weak for 14 minutes.

Recovered 155 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Tool joint leaked a little

Time Set Packer(s) 1:00 A.M. Time Started Off Bottom 3:30 A.M. Maximum Temperature 105

Initial Hydrostatic Pressure (A) 1088 P.S.I.

Initial Flow Period Minutes 60 (B) 88 P.S.I. to (C) 94 P.S.I.

Initial Closed In Period Minutes 33 (D) 453 P.S.I.

Final Flow Period Minutes 30 (E) 288 * P.S.I. to (F) 132 * P.S.I.

Final Closed In Period Minutes 33 (G) 492 P.S.I.

Final Hydrostatic Pressure (H) 1065 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 2-28-82 Test Ticket No. 13197
 Recorder No. 5666 Capacity 3950 Location 2131 Ft.
 Clock No. ----- Elevation 1022 Ground Level Well Temperature 105 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1088</u> P.S.I.	Open Tool	<u>1:00</u> P M	
B First Initial Flow Pressure	<u>88</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>94</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
D Initial Closed-in Pressure	<u>453</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>288 *</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
F Second Final Flow Pressure	<u>132 *</u> P.S.I.			
G Final Closed-in Pressure	<u>492</u> P.S.I.			
H Final Hydrostatic Mud	<u>1065</u> P.S.I.			

* Pressures questionable due to plugging action..

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>11</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>0</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>88</u>	<u>0</u>	<u>94</u>	<u>0</u>	<u>288 *</u>	<u>0</u>	<u>132 *</u>
P 2 <u>5</u>	<u>88</u>	<u>3</u>	<u>95</u>	<u>5</u>	<u>344 *</u>	<u>3</u>	<u>132</u>
P 3 <u>10</u>	<u>88</u>	<u>6</u>	<u>98</u>	<u>10</u>	<u>344 *</u>	<u>6</u>	<u>151</u>
P 4 <u>15</u>	<u>88</u>	<u>9</u>	<u>120</u>	<u>15</u>	<u>420 *</u>	<u>9</u>	<u>195</u>
P 5 <u>20</u>	<u>88</u>	<u>12</u>	<u>159</u>	<u>20</u>	<u>479 *</u>	<u>12</u>	<u>245</u>
P 6 <u>25</u>	<u>88</u>	<u>15</u>	<u>218</u>	<u>25</u>	<u>508 *</u>	<u>15</u>	<u>298</u>
P 7 <u>30</u>	<u>89</u>	<u>18</u>	<u>269</u>	<u>30</u>	<u>132 *</u>	<u>18</u>	<u>343</u>
P 8 <u>35</u>	<u>89</u>	<u>21</u>	<u>320</u>			<u>21</u>	<u>392</u>
P 9 <u>40</u>	<u>90</u>	<u>24</u>	<u>365</u>			<u>24</u>	<u>431</u>
P10 <u>45</u>	<u>91</u>	<u>27</u>	<u>407</u>			<u>27</u>	<u>460</u>
P11 <u>50</u>	<u>92</u>	<u>30</u>	<u>439</u>			<u>30</u>	<u>485</u>
P12 <u>55</u>	<u>93</u>	<u>33</u>	<u>453</u>			<u>33</u>	<u>492</u>
P13 <u>60</u>	<u>94</u>						
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TKT # 13197

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5666

