



Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Oil Properties Company Lease & Well No. Bryant "B" #3
Elevation --- Formation Kinderhook Effective Pay - Ft. Ticket No. 13818
Date 10/22/81 Sec. 2 Twp. 26S Range 16W County Edwards State Kansas
Test Approved by Gary F. Land Western Representative Jeff Piotrowski
Formation Test No. 1 Interval Tested from 4374 ft. to 4423 ft. Total Depth 4423 ft.
Packer Depth 4369 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4374 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4377 ft. Recorder Number 5673 Cap. 5400
Bottom Recorder Depth (Outside) 4380 ft. Recorder Number 1565 Cap. 4900
Below Straddle Recorder Depth = ft. Recorder Number = Cap. =
Drilling Contractor Santa Fe Drlg. Rig #1 Drill Collar Length 360 I. D. 2.2 in.
Mud Type monpac Viscosity 60 Weight Pipe Length - I. D. - in.
Weight 9.3 Water Loss 8 cc. Drill Pipe Length 3985 I. D. 3.8 in.
Chlorides 11,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 OD in.
Jars: Make WTC Serial Number 405 Anchor Length 49 ft. Size 5 1/2 OD in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Weak; died in seventeen minutes. No blow on final flow period.

Recovered 65 ft. of mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s)	<u>10:38</u>	<u>A.M.</u>	Time Started Off Bottom	<u>12:38</u>	<u>A.M.</u>	Maximum Temperature	<u>128°</u>
		P.M.			P.M.		
Initial Hydrostatic Pressure			(A)	<u>2149</u>		P.S.I.	
Initial Flow Period		Minutes	(B)	<u>30</u>		P.S.I. to (C)	<u>53</u> P.S.I.
Initial Closed In Period		Minutes	(D)	<u>30</u>		P.S.I.	
Final Flow Period		Minutes	(E)	<u>30</u>		P.S.I. to (F)	<u>70</u> P.S.I.
Final Closed In Period		Minutes	(G)	<u>27</u>		P.S.I.	
Final Hydrostatic Pressure			(H)	<u>2141</u>		P.S.I.	

WESTERN TESTING CO., INC.

Pressure Data

Date 10/22/81 Test Ticket No. 13818

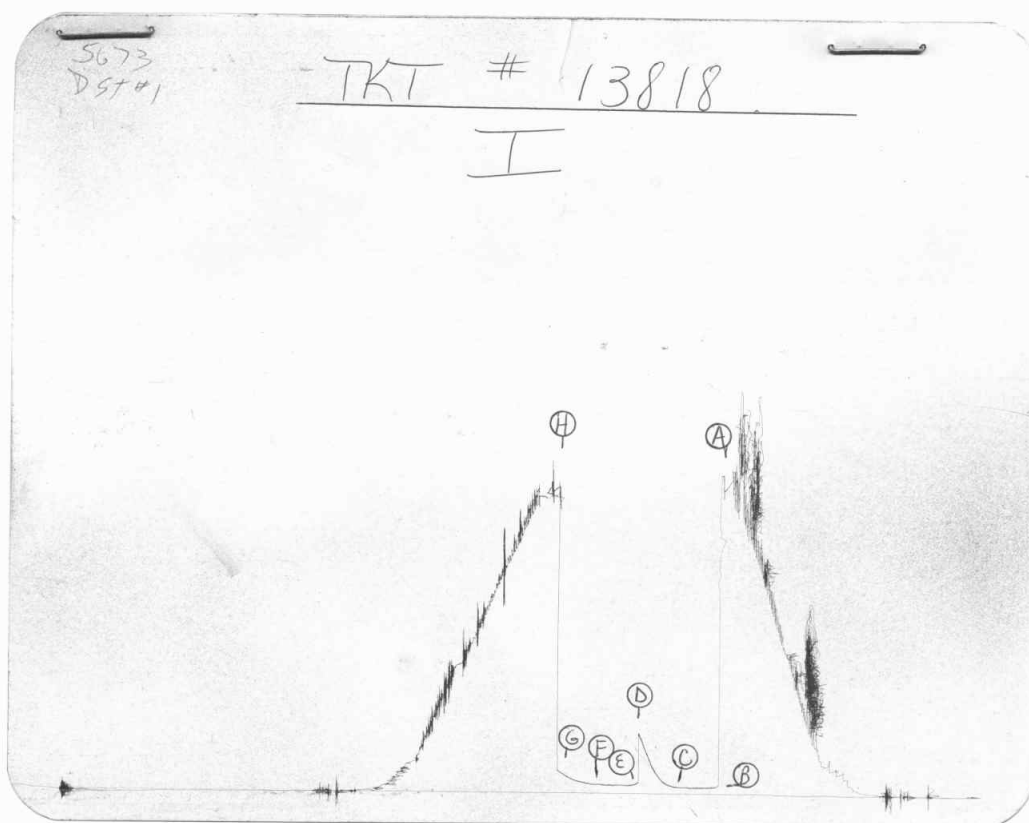
Recorder No. 5673 Capacity 5400 Location 4377 Ft.

Clock No. - Elevation - Well Temperature 128 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2149</u> P.S.I.	<u>10:38A</u> M	
B First Initial Flow Pressure	<u>50</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>53</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>432</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>66</u> P.S.I.	<u>30</u> Mins.	<u>27</u> Mins.
F Second Final Flow Pressure	<u>70</u> P.S.I.		
G Final Closed-in Pressure	<u>161</u> P.S.I.		
H Final Hydrostatic Mud	<u>2141</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>9</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>50</u>	<u>0</u>	<u>53</u>	<u>0</u>	<u>66</u>	<u>0</u>	<u>70</u>
P 2 <u>5</u>	<u>50</u>	<u>3</u>	<u>57</u>	<u>5</u>	<u>66</u>	<u>3</u>	<u>70</u>
P 3 <u>10</u>	<u>50</u>	<u>6</u>	<u>66</u>	<u>10</u>	<u>66</u>	<u>6</u>	<u>79</u>
P 4 <u>15</u>	<u>50</u>	<u>9</u>	<u>78</u>	<u>15</u>	<u>66</u>	<u>9</u>	<u>86</u>
P 5 <u>20</u>	<u>51</u>	<u>12</u>	<u>101</u>	<u>20</u>	<u>68</u>	<u>12</u>	<u>93</u>
P 6 <u>25</u>	<u>52</u>	<u>15</u>	<u>139</u>	<u>25</u>	<u>69</u>	<u>15</u>	<u>101</u>
P 7 <u>30</u>	<u>53</u>	<u>18</u>	<u>186</u>	<u>30</u>	<u>70</u>	<u>18</u>	<u>115</u>
P 8		<u>21</u>	<u>246</u>			<u>21</u>	<u>130</u>
P 9		<u>24</u>	<u>320</u>			<u>24</u>	<u>148</u>
P10		<u>27</u>	<u>393</u>			<u>27</u>	<u>161</u>
P11		<u>30</u>	<u>432</u>				
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2149	2149	PSI
(B) First Initial Flow Pressure	40	50	PSI
(C) First Final Flow Pressure	40	53	PSI
(D) Initial Closed-in Pressure	423	432	PSI
(E) Second Initial Flow Pressure	54	66	PSI
(F) Second Final Flow Pressure	54	70	PSI
(G) Final Closed-in Pressure	163	161	PSI
(H) Final Hydrostatic Mud	2149	2141	PSI

2-265-16W



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Company Oil Properties Company, Inc. Lease & Well No. Bryant #B-3
Elevation - Formation Kinderhook Effective Pay - Ft. Ticket No. 13819
Date 10/23/81 Sec. 2 Twp. 26S Range 16W County Edwards State Kansas
Test Approved by Gary F Land Western Representative Jeff Piotrowski

Formation Test No. 2 Interval Tested from 4443 ft. to 4467 ft. Total Depth 4467 ft.

Packer Depth 4438 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4443 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4446 ft. Recorder Number 5673 Cap. 5400

Bottom Recorder Depth (Outside) 4449 ft. Recorder Number 1565 Cap. 4900

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

Drilling Contractor Santa Fe Rig #1 Drill Collar Length 360 I. D. 2.2 in.

Mud Type Monpac Viscosity 60 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 8.0 cc. Drill Pipe Length 4054 I. D. 3.8 in.

Chlorides 11,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 OD in.

Jars: Make WTC Serial Number 405 Anchor Length 24 ft. Size 5 1/2 OD in.

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

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Weak blow slowly building to fair initial flow period. Fair throughout final flow period.

Recovered 100 ft. of slightly oil cut mud - 7% oil; 93% mud

Recovered 30 ft. of watery mud

Recovered 60 ft. of water Chlorides 48,000 PPM

Recovered - ft. of -

Recovered - ft. of -

Remarks: -

Time Set Packer(s) 6:20 A.M. Time Started Off Bottom 10:50 P.M. Maximum Temperature 130

Initial Hydrostatic Pressure (A) 2217 P.S.I.

Initial Flow Period Minutes 30 (B) 41 P.S.I. to (C) 49 P.S.I.

Initial Closed In Period Minutes 60 (D) 1266 P.S.I.

Final Flow Period Minutes 60 (E) 85 P.S.I. to (F) 114 P.S.I.

Final Closed In Period Minutes 120 (G) 1293 P.S.I.

Final Hydrostatic Pressure (H) 2190 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 10/23/81 Recorder No. 5673 Capacity 5400 Test Ticket No. 13819
 Location 4446 Ft. 130 °F
 Clock No. - Elevation - Well Temperature 130 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2217 P.S.I.	6:20A	M
B First Initial Flow Pressure	41 P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	49 P.S.I.	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1266 P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	85 P.S.I.	120 Mins.	120 Mins.
F Second Final Flow Pressure	114 P.S.I.		
G Final Closed-in Pressure	1293 P.S.I.		
H Final Hydrostatic Mud	2190 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>40</u> Inc.	
of <u>5</u> mins. and a final inc. of <u>0</u> Min.		of <u>3</u> mins. and a final inc. of <u>0</u> Min.		of <u>5</u> mins. and a final inc. of <u>0</u> Min.		of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0 41	0	49	0	85	0	114
P 2	5 41	3	74	5	85	3	175
P 3	10 41	6	139	10	85	6	276
P 4	15 45	9	298	15	89	9	410
P 5	20 48	12	486	20	92	12	544
P 6	25 49	15	649	25	93	15	667
P 7	30 49	18	779	30	96	18	779
P 8		21	882	35	100	21	855
P 9		24	959	40	106	24	913
P10		27	1024	45	108	27	967
P11		30	1068	50	111	30	1003
P12		33	1108	55	114	33	1037
P13		36	1141	60	114	36	1068
P14		39	1168			39	1092
P15		42	1190			42	1113
P16		45	1209			45	1129
P17		48	1228			48	1146
P18		51	1243			51	1162
P19		54	1254			54	1173
P20		57	1260			57	1187
		60	1266			60	1195

WESTERN TESTING CO., INC.

Pressure Data

Date 10/23/81 Test Ticket No. 13819

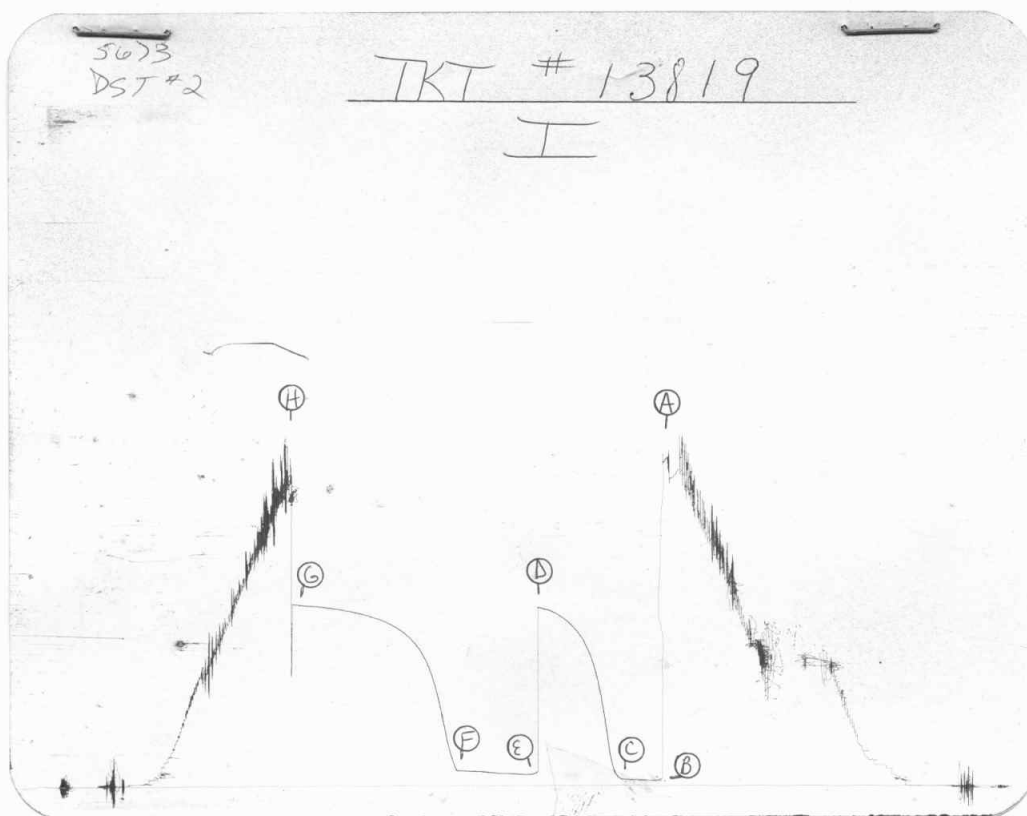
Recorder No. 5673 Capacity 5400 Location 4446 Ft.

Clock No. - Elevation - Well Temperature 130 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2217</u> P.S.I.	<u>6:20A</u> M	
B First Initial Flow Pressure	<u>41</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>49</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1266</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>85</u> P.S.I.	<u>120</u> Mins.	<u>120</u> Mins.
F Second Final Flow Pressure	<u>114</u> P.S.I.		
G Final Closed-in Pressure	<u>1293</u> P.S.I.		
H Final Hydrostatic Mud	<u>2190</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>20</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>40</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						63	1203
P 2						66	1214
P 3						69	1221
P 4						72	1228
P 5						75	1236
P 6						78	1243
P 7						81	1247
P 8						84	1252
P 9						87	1257
P10						90	1262
P11						93	1266
P12						96	1270
P13						99	1274
P14						102	1278
P15						105	1281
P16						108	1284
P17						111	1287
P18						114	1289
P19						117	1291
P20						120	1293



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2190	2217	PSI
(B) First Initial Flow Pressure	40	41	PSI
(C) First Final Flow Pressure	54	49	PSI
(D) Initial Closed-in Pressure	1254	1266	PSI
(E) Second Initial Flow Pressure	81	85	PSI
(F) Second Final Flow Pressure	95	114	PSI
(G) Final Closed-in Pressure	1268	1293	PSI
(H) Final Hydrostatic Mud	2190	2190	PSI