

Company Kansas Oil Corporation Lease & Well No. Turek #1
 Elevation - Formation Simpson Effective Pay - Ft. Ticket No. 7593
 Date 10-16-80 Sec. 27 Twp. 33S Range 1W County Sumner State Kansas
 Test Approved by Robert Llaymon Western Representative Stuart Stover
 Formation Test No. 1 Interval Tested from 4310 ft. to 4351 ft. Total Depth 4351 ft.
 Packer Depth 4305 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4310 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4315 ft. Recorder Number 11018 Cap. 4425
 Bottom Recorder Depth (Outside) 4318 ft. Recorder Number 11019 Cap. 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Spartan #2 Drill Collar Length 90 I. D. 2 1/2 in.
 Mud Type Chemical Viscosity 42 Weight Pipe Length - I. D. - in.
 Weight 9.4 Water Loss 10.4 cc. Drill Pipe Length 4199 I. D. 4.0 in.
 Chlorides 34,000 P.P.M. Test Tool Length 21 ft. Tool Size 3 1/2 in.
 Jars: Make - Serial Number - Anchor Length 41 ft. Size 4 1/2 in.
 Did Well Flow? - Reversed Out - Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 in.

Blow: Very weak blow. Died in 18 minutes.

Recovered 10 ft. of drilling mud 22,000 PPM Chlorides
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -
 Remarks: -

Time Set Packer(s) 10:00 A.M. Time Started Off Bottom 12:00 P.M. Maximum Temperature 115
 Initial Hydrostatic Pressure - (A) 2173 P.S.I.
 Initial Flow Period 25 Minutes (B) 67 P.S.I. to (C) 50 P.S.I.
 Initial Closed In Period 30 Minutes (D) 131 P.S.I.
 Final Flow Period 30 Minutes (E) 73 P.S.I. to (F) 56 P.S.I.
 Final Closed In Period 27 Minutes (G) 111 P.S.I.
 Final Hydrostatic Pressure - (H) 2091 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 10-16-80 Test Ticket No. 7593
 Recorder No. 11018 Capacity 4425 Location 4315 Ft.
 Clock No. - Elevation - Well Temperature 115 °F

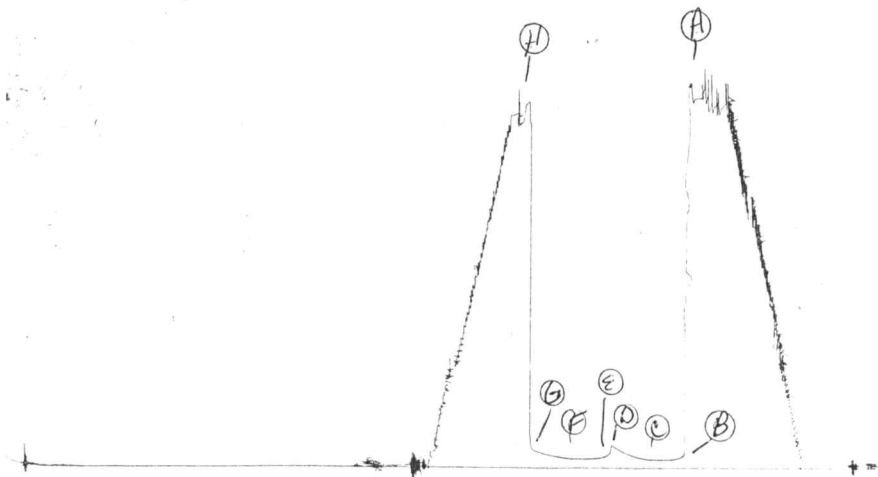
Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2173 P.S.I.	10:00A	M
B First Initial Flow Pressure	67 P.S.I.	30 Mins.	25 Mins.
C First Final Flow Pressure	50 P.S.I.	30 Mins.	30 Mins.
D Initial Closed-in Pressure	131 P.S.I.	30 Mins.	30 Mins.
E Second Initial Flow Pressure	73 P.S.I.	30 Mins.	27 Mins.
F Second Final Flow Pressure	56 P.S.I.		
G Final Closed-in Pressure	111 P.S.I.		
H Final Hydrostatic Mud	2091 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</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>67</u>	<u>0</u>	<u>50</u>	<u>0</u>	<u>73</u>	<u>0</u>	<u>56</u>
P 2 <u>5</u>	<u>58</u>	<u>3</u>	<u>53</u>	<u>5</u>	<u>64</u>	<u>3</u>	<u>59</u>
P 3 <u>10</u>	<u>51</u>	<u>6</u>	<u>57</u>	<u>10</u>	<u>58</u>	<u>6</u>	<u>62</u>
P 4 <u>15</u>	<u>50</u>	<u>9</u>	<u>61</u>	<u>15</u>	<u>56</u>	<u>9</u>	<u>67</u>
P 5 <u>20</u>	<u>50</u>	<u>12</u>	<u>67</u>	<u>20</u>	<u>56</u>	<u>12</u>	<u>71</u>
P 6 <u>25</u>	<u>50</u>	<u>15</u>	<u>78</u>	<u>25</u>	<u>56</u>	<u>15</u>	<u>76</u>
P 7		<u>18</u>	<u>84</u>	<u>30</u>	<u>56</u>	<u>18</u>	<u>80</u>
P 8		<u>21</u>	<u>98</u>			<u>21</u>	<u>87</u>
P 9		<u>24</u>	<u>109</u>			<u>24</u>	<u>96</u>
P10		<u>27</u>	<u>122</u>			<u>27</u>	<u>111</u>
P11		<u>30</u>	<u>131</u>				
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

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Company Kansas Oil Corporation Lease & Well No. Turek #1
Elevation - Formation Simpson Effective Pay - Ft. Ticket No. 7594
Date 10-17-80 Sec. 27 Twp. 33S Range 1W County Sumner State Kansas
Test Approved by Robert Llaymon Western Representative Stuart Stover
Formation Test No. 2 Interval Tested from 4348 ft. to 4361 ft. Total Depth 4361 ft.
Packer Depth 4343 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4348 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4353 ft. Recorder Number 11018 Cap. 4425
Bottom Recorder Depth (Outside) 4356 ft. Recorder Number 11019 Cap. 4500
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Spartan #2 Drill Collar Length 90 I. D. 2 3/4 in.
Mud Type Chemical Viscosity 42 Weight Pipe Length - I. D. - in.
Weight 9.4 Water Loss 10.4 cc. Drill Pipe Length - I. D. 4.0 in.
Chlorides 34,000 P.P.M. Test Tool Length 21 ft. Tool Size 3 1/2 in.
Jars: Make - Serial Number - Anchor Length 13 ft. Size 4 1/2 in.
Did Well Flow? - Reversed Out - Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Fair blow throughout test.

Recovered 360 ft. of salt water 145,000 PPM Chlorides
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks:

Time Set Packer(s) 1:15 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 4:15 ~~P.M.~~ ^{A.M.} Maximum Temperature 112
Initial Hydrostatic Pressure (A) 2173 P.S.I.
Initial Flow Period Minutes 25 (B) 91 P.S.I. to (C) 136 P.S.I.
Initial Closed In Period Minutes 60 (D) 1643 P.S.I.
Final Flow Period Minutes 30 (E) 180 P.S.I. to (F) 204 P.S.I.
Final Closed In Period Minutes 63 (G) 1629 P.S.I.
Final Hydrostatic Pressure (H) 2080 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 10-17-80 Recorder No. 11018 Capacity 4425 Test Ticket No. 7594 Location 4353 Ft.
 Clock No. - Elevation - Well Temperature 112 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2173	P.S.I.	1:15A	M
B First Initial Flow Pressure	91	P.S.I.	30	Mins. 25
C First Final Flow Pressure	136	P.S.I.	60	Mins. 60
D Initial Closed-in Pressure	1643	P.S.I.	30	Mins. 30
E Second Initial Flow Pressure	180	P.S.I.	60	Mins. 63
F Second Final Flow Pressure	204	P.S.I.		
G Final Closed-in Pressure	1629	P.S.I.		
H Final Hydrostatic Mud	2080	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>21</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>91</u>	<u>0</u>	<u>136</u>	<u>0</u>	<u>180</u>	<u>0</u>	<u>204</u>
P 2 <u>5</u>	<u>95</u>	<u>3</u>	<u>1051</u>	<u>5</u>	<u>180</u>	<u>3</u>	<u>1004</u>
P 3 <u>10</u>	<u>100</u>	<u>6</u>	<u>1333</u>	<u>10</u>	<u>178</u>	<u>6</u>	<u>1318</u>
P 4 <u>15</u>	<u>113</u>	<u>9</u>	<u>1414</u>	<u>15</u>	<u>182</u>	<u>9</u>	<u>1403</u>
P 5 <u>20</u>	<u>122</u>	<u>12</u>	<u>1460</u>	<u>20</u>	<u>189</u>	<u>12</u>	<u>1447</u>
P 6 <u>25</u>	<u>136</u>	<u>15</u>	<u>1498</u>	<u>25</u>	<u>198</u>	<u>15</u>	<u>1480</u>
P 7		<u>18</u>	<u>1522</u>	<u>30</u>	<u>204</u>	<u>18</u>	<u>1504</u>
P 8		<u>21</u>	<u>1544</u>			<u>21</u>	<u>1524</u>
P 9		<u>24</u>	<u>1562</u>			<u>24</u>	<u>1540</u>
P10		<u>27</u>	<u>1575</u>			<u>27</u>	<u>1555</u>
P11		<u>30</u>	<u>1586</u>			<u>30</u>	<u>1566</u>
P12		<u>33</u>	<u>1597</u>			<u>33</u>	<u>1575</u>
P13		<u>36</u>	<u>1604</u>			<u>36</u>	<u>1586</u>
P14		<u>39</u>	<u>1610</u>			<u>39</u>	<u>1593</u>
P15		<u>42</u>	<u>1617</u>			<u>42</u>	<u>1599</u>
P16		<u>45</u>	<u>1623</u>			<u>45</u>	<u>1604</u>
P17		<u>48</u>	<u>1628</u>			<u>48</u>	<u>1610</u>
P18		<u>51</u>	<u>1632</u>			<u>51</u>	<u>1615</u>
P19		<u>54</u>	<u>1639</u>			<u>54</u>	<u>1618</u>
P20		<u>57</u>	<u>1641</u>			<u>57</u>	<u>1622</u>
		<u>60</u>	<u>1643</u>			<u>60</u>	<u>1626</u>
						<u>63</u>	<u>1629</u>

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