

Company Oil Property Management Lease & Well No. Schulte #1
1335 Kelly Bushing
 Elevation 1338 Ground Level Formation Lansing-Kansas City Effective Pay - Ft. Ticket No. 13151
 Date 1/5/82 Sec. 6 Twp. 28S Range 1W County Sedgwick State Kansas
 Test Approved by Paul Laird Western Representative Norman Allen

Formation Test No. 1 Interval Tested from 2796 ft. to 2826 ft. Total Depth 2826 ft.
 Packer Depth 2796 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2817 ft. Recorder Number 2605 Cap. 4150
 Bottom Recorder Depth (Outside) 2820 ft. * Recorder Number 10979 Cap. 4100
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor R. R. A. Drilling Rig #1 Drill Collar Length 460 I. D. 2 1/4 in.
 Mud Type chemical Viscosity 46 Weight Pipe Length - I. D. - in.
 Weight 9.5 Water Loss 11.2 cc. Drill Pipe Length 2321 I. D. 3.8 in.
 Chlorides 2,000 P.P.M. Test Tool Length 15 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 30 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 for five minutes.

Recovered 10 ft. of drilling mud
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -

Remarks: -

* Read outside chart

Time Set Packer(s)	<u>10:01</u>	P.M. <u>A.M.</u>	Time Started Off Bottom	<u>12:01</u>	A.M. <u>P.M.</u>	Maximum Temperature	<u>104°</u>
Initial Hydrostatic Pressure			(A)	<u>1405</u>		P.S.I.	
Initial Flow Period		Minutes	<u>30</u>	(B)	<u>29</u>	P.S.I. to (C)	<u>29</u> P.S.I.
Initial Closed In Period		Minutes	<u>30</u>	(D)	<u>1036</u>		P.S.I.
Final Flow Period		Minutes	<u>30</u>	(E)	<u>51</u>	P.S.I. to (F)	<u>51</u> P.S.I.
Final Closed In Period		Minutes	<u>33</u>	(G)	<u>1061</u>		P.S.I.
Final Hydrostatic Pressure			(H)	<u>1380</u>		P.S.I.	

WESTERN TESTING CO., INC.

Pressure Data

Date 1/5/82 Test Ticket No. 13151
 Recorder No. 10979 Capacity 4100 Location 2820 Ft.
 Clock No. - Elevation 1345 Kelly Bushing Well Temperature 104 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1405</u> P.S.I.	Open Tool	<u>10:01A</u> M	
B First Initial Flow Pressure	<u>29</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>29</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1036</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>51</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
F Second Final Flow Pressure	<u>51</u> P.S.I.			
G Final Closed-in Pressure	<u>1061</u> P.S.I.			
H Final Hydrostatic Mud	<u>1380</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: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

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

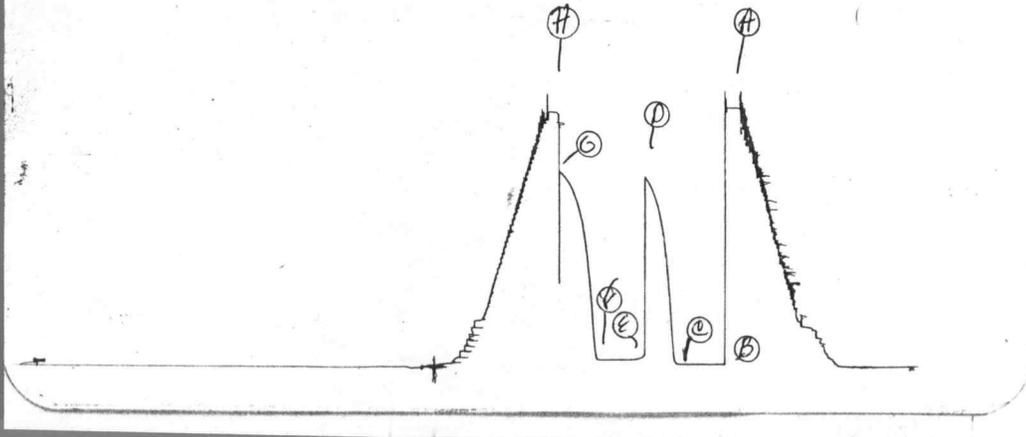
Final Shut-In
 Breakdown: 11 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>29</u>	<u>0</u>	<u>29</u>	<u>0</u>	<u>51</u>	<u>0</u>	<u>51</u>
P 2	<u>29</u>	<u>3</u>	<u>29</u>	<u>5</u>	<u>51</u>	<u>3</u>	<u>51</u>
P 3	<u>29</u>	<u>6</u>	<u>31</u>	<u>10</u>	<u>51</u>	<u>6</u>	<u>103</u>
P 4	<u>29</u>	<u>9</u>	<u>218</u>	<u>15</u>	<u>51</u>	<u>9</u>	<u>389</u>
P 5	<u>29</u>	<u>12</u>	<u>546</u>	<u>20</u>	<u>51</u>	<u>12</u>	<u>602</u>
P 6	<u>29</u>	<u>15</u>	<u>710</u>	<u>25</u>	<u>51</u>	<u>15</u>	<u>748</u>
P 7	<u>29</u>	<u>18</u>	<u>822</u>	<u>30</u>	<u>51</u>	<u>18</u>	<u>846</u>
P 8		<u>21</u>	<u>902</u>			<u>21</u>	<u>921</u>
P 9		<u>24</u>	<u>961</u>			<u>24</u>	<u>977</u>
P10		<u>27</u>	<u>1008</u>			<u>27</u>	<u>1012</u>
P11		<u>30</u>	<u>1036</u>			<u>30</u>	<u>1040</u>
P12						<u>33</u>	<u>1061</u>
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TR # 13151

D

10979



Company Oil Property Management, Inc. Lease & Well No. Schulte #1
 Elevation 1338 Ground Level Formation Kansas City Effective Pay - Ft. Ticket No. 13109
 Date 1/5/82 Sec. 6 Twp. 28S Range 1W County Sedgwick State Kansas
 Test Approved by Paul Laird Western Representative Robert Davis

Formation Test No. 2 Interval Tested from 2856 ft. to 2883 ft. Total Depth 2883 ft.
 Packer Depth 2856 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2861 ft. Recorder Number 11018 Cap. 4425
 Bottom Recorder Depth (Outside) 2865 ft. Recorder Number 13403 Cap. 4050
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor R. R. A. Drlg. Rig #1 Drill Collar Length 399 I. D. - in.
 Mud Type chemical Viscosity 46 Weight Pipe Length - I. D. - in.
 Weight 9.5 Water Loss 11.2 cc. Drill Pipe Length 2473 I. D. - in.
 Chlorides 2,000 P.P.M. Test Tool Length 15 ft. Tool Size 5 1/2 in.
 Jars: Make None Serial Number - Anchor Length 27 ft. Size 5 1/2 in.
 Did Well Flow? No Reversed Out - 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 throughout test.

Recovered 480 ft. of muddy salt water
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 2:10 A.M. P.M. Time Started Off Bottom 5:55 A.M. P.M. Maximum Temperature 104°
 Initial Hydrostatic Pressure 1414 P.S.I. (A)
 Initial Flow Period 20 Minutes (B) 122 P.S.I. to (C) 141 P.S.I.
 Initial Closed In Period 60 Minutes (D) 1190 P.S.I.
 Final Flow Period 45 Minutes (E) 202 P.S.I. to (F) 273 P.S.I.
 Final Closed In Period 90 Minutes (G) 1187 P.S.I.
 Final Hydrostatic Pressure 1282 P.S.I. (H)

WESTERN TESTING CO., INC.
Pressure Data

Date 1/5/82 Test Ticket No. 13109
 Recorder No. 11018 Capacity 4425 Location 2861 Ft.
 Clock No. -- Elevation 1338 Ground Level Well Temperature 104 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1414 P.S.I.	Open Tool	2:10A M	
B First Initial Flow Pressure	122 P.S.I.	First Flow Pressure	30 Mins.	20 Mins.
C First Final Flow Pressure	141 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1190 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	202 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	273 P.S.I.			
G Final Closed-in Pressure	1187 P.S.I.			
H Final Hydrostatic Mud	1282 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 4 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 20 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 9 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 30 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	0	122	0	141	0	202	0	273
P 2	5	122	3	830	5	202	3	965
P 3	10	122	6	993	10	207	6	1040
P 4	15	128	9	1048	15	216	9	1068
P 5	20	141	12	1084	20	232	12	1088
P 6			15	1103	25	247	15	1101
P 7			18	1122	30	257	18	1115
P 8			21	1134	35	263	21	1123
P 9			24	1145	40	271	24	1131
P10			27	1154	45	273	27	1138
P11			30	1161			30	1145
P12			33	1167			33	1151
P13			36	1171			36	1156
P14			39	1174			39	1159
P15			42	1179			42	1162
P16			45	1182			45	1165
P17			48	1184			48	1167
P18			51	1186			51	1169
P19			54	1188			54	1171
P20			57	1189			57	1173
			60	1190			60	1175

WESTERN TESTING CO., INC.

Pressure Data

Date 1/5/82 Test Ticket No. 13109
 Recorder No. 11018 Capacity 4425 Location 2861 Ft.
 Clock No. -- Elevation 1338 Ground Level Well Temperature 104 °F

Point	Pressure			Time	
		P.S.I.		Given	Computed
A Initial Hydrostatic Mud	1414	P.S.I.	Open Tool	2:10A	M
B First Initial Flow Pressure	122	P.S.I.	First Flow Pressure	30	Mins. 20 Mins.
C First Final Flow Pressure	141	P.S.I.	Initial Closed-in Pressure	60	Mins. 60 Mins.
D Initial Closed-in Pressure	1190	P.S.I.	Second Flow Pressure	45	Mins. 45 Mins.
E Second Initial Flow Pressure	202	P.S.I.	Final Closed-in Pressure	90	Mins. 90 Mins.
F Second Final Flow Pressure	273	P.S.I.			
G Final Closed-in Pressure	1187	P.S.I.			
H Final Hydrostatic Mud	1282	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 4 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 20 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 9 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 30 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes
P 1								63
P 2								66
P 3								69
P 4								72
P 5								75
P 6								78
P 7								81
P 8								84
P 9								87
P10								90
P11								
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								

TKT # 13109

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11018

