

Company Lee Banks Lease & Well No. Snodgrass #1
Elevation 2419 Kelly Bushing Formation Douglas Effective Pay -- Ft. Ticket No. 15950
Date 4/28/82 Sec. 1 Twp 27S Range 6W County Kingman State Kansas
Test Approved by Russ Crawford, Jr. Western Representative Karl Leo West, Jr.
Formation Test No. 1 Interval Tested from 2843 ft. to 2860 ft. Total Depth 2860 ft.
Packer Depth 2843 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) 2849 ft. Recorder Number 5673 Cap. 5400
Bottom Recorder Depth (Outside) 2851 ft. Recorder Number 15640 Cap. 6600
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Red Tiger Drlg. Rig #3 Drill Collar Length - I. D. - in.
Mud Type starch-salt clay Viscosity 38 Weight Pipe Length - I. D. - in.
Weight 9.4 Water Loss 12.4 cc. Drill Pipe Length 2860 I. D. 3.8 in.
Chlorides 69,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.
Jars: Make WTC Serial Number 409 Anchor Length 17 ft. Size 5 1/2 OD in.
Did Well Flow? No Reversed Out Yes 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 to strong in six minutes on initial flow period. Weak to strong in eight minutes : no gas to surface on final flow period.

Recovered 1300 ft. of salt water Chlorides 93,000 ppm

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: -

Time Set Packer(s) 1:10 ~~A.M.~~ ~~P.M.~~ Time Started Off Bottom 4:10 ~~A.M.~~ ~~P.M.~~ Maximum Temperature 120°
Initial Hydrostatic Pressure (A) 1472 P.S.I.
Initial Flow Period 30 Minutes (B) 63 P.S.I. to (C) 336 P.S.I.
Initial Closed In Period 48 Minutes (D) 1081 P.S.I.
Final Flow Period 45 Minutes (E) 385 P.S.I. to (F) 617 P.S.I.
Final Closed In Period 60 Minutes (G) 1084 P.S.I.
Final Hydrostatic Pressure (H) 1472 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 4/28/82 Test Ticket No. 15950
Recorder No. 5673 Capacity 5400 Location 2849 Ft.
Clock No. -- Elevation 2419 Kelly Bushing Well Temperature 120 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1472</u>	P.S.I.	<u>1:10A</u>	<u>M</u>
B First Initial Flow Pressure	<u>63</u>	P.S.I.	<u>30</u>	<u>30</u>
C First Final Flow Pressure	<u>336</u>	P.S.I.	<u>45</u>	<u>48</u>
D Initial Closed-in Pressure	<u>1081</u>	P.S.I.	<u>45</u>	<u>45</u>
E Second Initial Flow Pressure	<u>385</u>	P.S.I.	<u>60</u>	<u>60</u>
F Second Final Flow Pressure	<u>617</u>	P.S.I.		
G Final Closed-in Pressure	<u>1084</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1472</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>16</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>20</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>63</u>	<u>0</u>	<u>336</u>	<u>0</u>	<u>385</u>	<u>0</u>	<u>617</u>
P 2 <u>5</u>	<u>87</u>	<u>3</u>	<u>842</u>	<u>5</u>	<u>396</u>	<u>3</u>	<u>918</u>
P 3 <u>10</u>	<u>145</u>	<u>6</u>	<u>924</u>	<u>10</u>	<u>434</u>	<u>6</u>	<u>962</u>
P 4 <u>15</u>	<u>197</u>	<u>9</u>	<u>964</u>	<u>15</u>	<u>467</u>	<u>9</u>	<u>989</u>
P 5 <u>20</u>	<u>243</u>	<u>12</u>	<u>989</u>	<u>20</u>	<u>497</u>	<u>12</u>	<u>1005</u>
P 6 <u>25</u>	<u>290</u>	<u>15</u>	<u>1005</u>	<u>25</u>	<u>527</u>	<u>15</u>	<u>1015</u>
P 7 <u>30</u>	<u>336</u>	<u>18</u>	<u>1022</u>	<u>30</u>	<u>552</u>	<u>18</u>	<u>1027</u>
P 8 _____		<u>21</u>	<u>1029</u>	<u>35</u>	<u>579</u>	<u>21</u>	<u>1035</u>
P 9 _____		<u>24</u>	<u>1041</u>	<u>40</u>	<u>604</u>	<u>24</u>	<u>1042</u>
P10 _____		<u>27</u>	<u>1049</u>	<u>45</u>	<u>617</u>	<u>27</u>	<u>1049</u>
P11 _____		<u>30</u>	<u>1057</u>			<u>30</u>	<u>1054</u>
P12 _____		<u>33</u>	<u>1062</u>			<u>33</u>	<u>1057</u>
P13 _____		<u>36</u>	<u>1067</u>			<u>36</u>	<u>1060</u>
P14 _____		<u>39</u>	<u>1070</u>			<u>39</u>	<u>1063</u>
P15 _____		<u>42</u>	<u>1075</u>			<u>42</u>	<u>1066</u>
P16 _____		<u>45</u>	<u>1081</u>			<u>45</u>	<u>1070</u>
P17 _____		<u>48</u>	<u>1081</u>			<u>48</u>	<u>1074</u>
P18 _____						<u>51</u>	<u>1078</u>
P19 _____						<u>54</u>	<u>1080</u>
P20 _____						<u>57</u>	<u>1082</u>
						<u>60</u>	<u>1084</u>

TKT # 15950

I

