

Company American Lariat, Inc. Lease & Well No. Riffee #1
 Elevation 1940 Ground Level Formation Mississippi Effective Pay - Ft. Ticket No. 14912
 Date 7/22/81 Sec. 3 Twp. 29S Range 13W County Pratt State Kansas
 Test Approved by A. J.----- Western Representative Louis Spencer

Formation Test No. 1 Interval Tested from 4370 ft. to 4490 ft. Total Depth 4490 ft.
 Packer Depth 4365 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4370 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4373 ft. Recorder Number 11019 Cap. 4500
 Bottom Recorder Depth (Outside) 4376 ft. Recorder Number 1560 Cap. 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. ---

Drilling Contractor Sarcee Drlg. Rig #5 Drill Collar Length 390 I. D. 2.25 in.
 Mud Type - Viscosity 38 Weight Pipe Length - I. D. - in.
 Weight 9.1 Water Loss 12 cc. Drill Pipe Length 3952 I. D. 3.2 in.
 Chlorides 16,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.
 Jars: Make WIC Serial Number 13029 Anchor Length 120 ft. Size 5 1/2 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 3 1/2 FH in.

Blow: Final flow period blow died in fifty minutes.

MISRUN

Recovered 1647 ft. of mud chlorides 17,000 ppm
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks: When opened tool for final flow period no blow; flushed tool - packer failure

Time Set Packer(s) 3:00 A.M. P.M. Time Started Off Bottom 6:10 A.M. P.M. Maximum Temperature 122°
 Initial Hydrostatic Pressure 2125 P.S.I. (A)
 Initial Flow Period 10 Minutes (B) 91 * P.S.I. to (C) 520 * P.S.I.
 Initial Closed In Period 60 Minutes (D) 1335 * P.S.I.
 Final Flow Period 50 Minutes (E) 505 * P.S.I. to (F) 865 * P.S.I.
 Final Closed In Period 60 Minutes (G) 1208 P.S.I.
 Final Hydrostatic Pressure 2125 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 7/22/81 Test Ticket No. 14912
 Recorder No. 11019 Capacity 4500 Location 4373 Ft.
 Clock No. - Elevation 1940 Ground Level Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2125	P.S.I.	3:00P	M
B First Initial Flow Pressure	91 *	P.S.I.	10	Mins. 10 Mins.
C First Final Flow Pressure	520 *	P.S.I.	60	Mins. 60 Mins.
D Initial Closed-in Pressure	1335 *	P.S.I.	50	Mins. 50 Mins.
E Second Initial Flow Pressure	505 *	P.S.I.	60	Mins. 60 Mins.
F Second Final Flow Pressure	865 *	P.S.I.		
G Final Closed-in Pressure	1208	P.S.I.		
H Final Hydrostatic Mud	2125	P.S.I.		

* PRESSURES QUESTIONABLE DUE TO FLUID
LEAKING BY PACKERS.

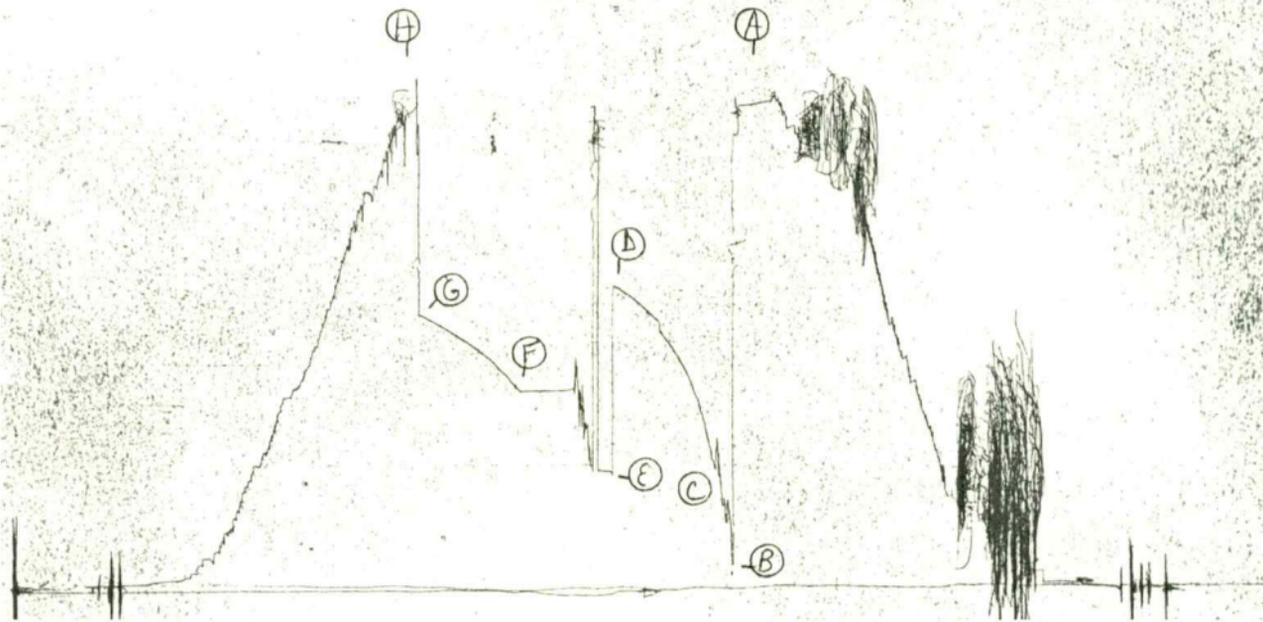
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>2</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>10</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>91</u> *	<u>0</u>	<u>520</u> *	<u>0</u>	<u>505</u> *	<u>0</u>	<u>865</u> *
P 2 <u>5</u>	<u>283</u> *	<u>3</u>	<u>628</u>	<u>5</u>	<u>509</u> *	<u>3</u>	<u>874</u>
P 3 <u>10</u>	<u>520</u> *	<u>6</u>	<u>714</u>	<u>10</u>	FLUSHED TOOL	<u>6</u>	<u>896</u>
P 4		<u>9</u>	<u>795</u>	<u>15</u>	<u>700</u> *	<u>9</u>	<u>928</u>
P 5		<u>12</u>	<u>845</u>	<u>20</u>	<u>700</u> *	<u>12</u>	<u>950</u>
P 6		<u>15</u>	<u>903</u>	<u>25</u>	<u>869</u> *	<u>15</u>	<u>973</u>
P 7		<u>18</u>	<u>955</u>	<u>30</u>	<u>867</u> *	<u>18</u>	<u>1000</u>
P 8		<u>21</u>	<u>993</u>	<u>35</u>	<u>866</u> *	<u>21</u>	<u>1020</u>
P 9		<u>24</u>	<u>1034</u>	<u>40</u>	<u>865</u> *	<u>24</u>	<u>1041</u>
P10		<u>27</u>	<u>1070</u>	<u>45</u>	<u>865</u> *	<u>27</u>	<u>1057</u>
P11		<u>30</u>	<u>1102</u>	<u>50</u>	<u>865</u> *	<u>30</u>	<u>1075</u>
P12		<u>33</u>	<u>1133</u>			<u>33</u>	<u>1091</u>
P13		<u>36</u>	<u>1190</u> *			<u>36</u>	<u>1106</u>
P14		<u>39</u>	<u>1210</u> *			<u>39</u>	<u>1120</u>
P15		<u>42</u>	<u>1233</u> *			<u>42</u>	<u>1136</u>
P16		<u>45</u>	<u>1256</u> *			<u>45</u>	<u>1149</u>
P17		<u>48</u>	<u>1271</u> *			<u>48</u>	<u>1165</u>
P18		<u>51</u>	<u>1291</u> *			<u>51</u>	<u>1176</u>
P19		<u>54</u>	<u>1310</u> *			<u>54</u>	<u>1190</u>
P20		<u>57</u>	<u>1324</u> *			<u>57</u>	<u>1199</u>
WTC - 4		<u>60</u>	<u>1335</u> *			<u>60</u>	<u>1208</u>

TKT # 14912

11007

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Company American Lariat, Inc. Lease & Well No. #1 Rifee
 Elevation 1940 Ground Level Formation Mississippi Effective Pay - Ft. Ticket No. 14914
 Date 7/25/81 Sec. 3 Twp. 29S Range 13W County Pratt State Kansas
 Test Approved by C Jack Western Representative Louis Spencer

Formation Test No. 2 Interval Tested from 4564 ft. to 4604 ft. Total Depth 4800 ft.
 Packer Depth 4559 ft. Size 6 3/4 in. Packer Depth 4595 ft. Size 6 3/4 in.
 Packer Depth 4564 ft. Size 6 3/4 in. Packer Depth 4604 ft. Size 6 3/4 in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4567 ft. Recorder Number 11019 Cap. 4500
 Bottom Recorder Depth (Outside) 4570 ft. Recorder Number 1560 Cap. 4500
 Below Straddle Recorder Depth 4800 ft. Recorder Number - Cap. 4500

Drilling Contractor Sarcee Drill Collar Length 420 I. D. 2.2 in.
 Mud Type Chemical Viscosity 48 Weight Pipe Length - I. D. - in.
 Weight 9.1 Water Loss 12.0 cc. Drill Pipe Length 4116 I. D. 3.2 in.
 Chlorides 14,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.
 Jars: Make WTC Serial Number 13029 Anchor Length 40 ft. Size 5 1/2 in.
 Did Well Flow? - Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 3 1/2 in.

Blow: Weak blow initial flow period. Final flow period weak & steady

Recovered 140 ft. of mud - few oil spots
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: MISRUN - NO PRESSURES AVAILABLE

Time Set Packer(s) 4:22 ~~A.M.~~ P.M. Time Started Off Bottom 8:02 ~~A.M.~~ P.M. Maximum Temperature 122
 Initial Hydrostatic Pressure (A) - P.S.I.
 Initial Flow Period Minutes - (B) - P.S.I. to (C) - P.S.I.
 Initial Closed In Period Minutes - (D) - P.S.I.
 Final Flow Period Minutes - (E) - P.S.I. to (F) - P.S.I.
 Final Closed In Period Minutes - (G) - P.S.I.
 Final Hydrostatic Pressure (H) - P.S.I.

11019

TKT # 14914

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1560

TKT # 14914

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