

Company McCoy Petroleum Corporation Lease & Well No. Koehn "A" #1-15
 Elevation --- Formation --- Effective Pay --- Ft. Ticket No. 9320
 Date 2/25/81 Sec. 15 Twp. 27S Range 31W County Haskell State Kansas
 Test Approved by Robert E. McCann Western Representative Stuart Stover

Formation Test No. 1 Interval Tested from 4719 ft. to 4740 ft. Total Depth 4740 ft.
 Packer Depth 4719 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4740 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4724 ft. Recorder Number 11018 Cap. 4425
 Bottom Recorder Depth (Outside) 4735 ft. Recorder Number HT 44 Cap. -
 Below Straddle Recorder Depth 4788 ft. Recorder Number 11019 Cap. 4500

Drilling Contractor Slawson Drilling Rig #6 Drill Collar Length 408 I. D. 2 1/4 in.
 Mud Type - Viscosity - Weight Pipe Length 156 I. D. 3.0 in.
 Weight - Water Loss - cc. Drill Pipe Length 3887 I. D. 4.0 in.
 Chlorides - P.P.M. Test Tool Length 16 ft. Tool Size 3 1/2 in.
 Jars: Make - Serial Number - Anchor Length 21 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 FH in.

Blow: _____

Recovered 1000 ft. of drilling mud
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Remarks: Lost fluid throughout test. MISRUN LEAKING AROUND PACKERS.

Time Set Packer(s) 5:45 A.M. Time Started Off Bottom 7:20 A.M. Maximum Temperature _____
 Initial Hydrostatic Pressure (A) 2236 P.S.I.
 Initial Flow Period (B) 15 Minutes (C) 67* P.S.I. to (C) 229* P.S.I.
 Initial Closed In Period (D) - Minutes (E) - P.S.I.
 Final Flow Period (E) 15 Minutes (F) 398* P.S.I. to (F) 502* P.S.I.
 Final Closed In Period (G) - Minutes (G) - P.S.I.
 Final Hydrostatic Pressure (H) 2236 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 2/25/81

Test Ticket No. 9320

Recorder No. 11018 Capacity 4425 Location 4724 Ft.

Clock No. - Elevation - Well Temperature - °F

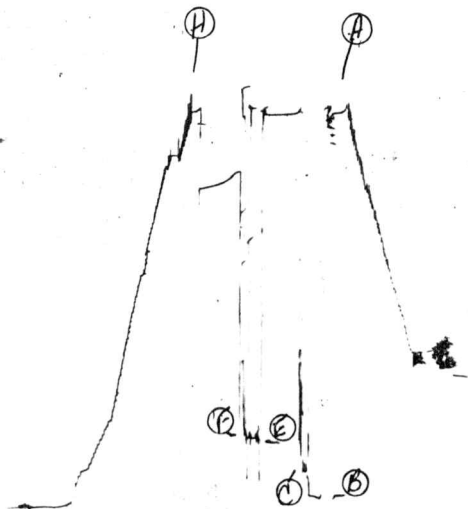
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2236</u> P.S.I.	Open Tool	<u>5:45A</u> M	
B First Initial Flow Pressure	<u>67*</u> P.S.I.	First Flow Pressure	<u>20</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>229*</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>-</u> Mins.
D Initial Closed-in Pressure	<u>-</u> P.S.I.	Second Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
E Second Initial Flow Pressure	<u>398*</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>-</u> Mins.
F Second Final Flow Pressure	<u>502*</u> P.S.I.	*Pressures questionable due to packer leakage.		
G Final Closed-in Pressure	<u>-</u> P.S.I.			
H Final Hydrostatic Mud	<u>2236</u> P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
	Breakdown: <u>3</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.						
P 1 <u>0</u>	<u>67*</u>			<u>0</u>	<u>398*</u>		
P 2 <u>5</u>	<u>84*</u>			<u>5</u>	<u>409*</u>		
P 3 <u>10</u>	<u>87*</u>			<u>10</u>	<u>416*</u>		
P 4 <u>15</u>	<u>229*</u>			<u>15</u>	<u>502*</u>		
P 5 _____							
P 6 _____							
P 7 _____							
P 8 _____							
P 9 _____							
P10 _____							
P11 _____							
P12 _____							
P13 _____							
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							

TKT # 9320. 11018 - 9320

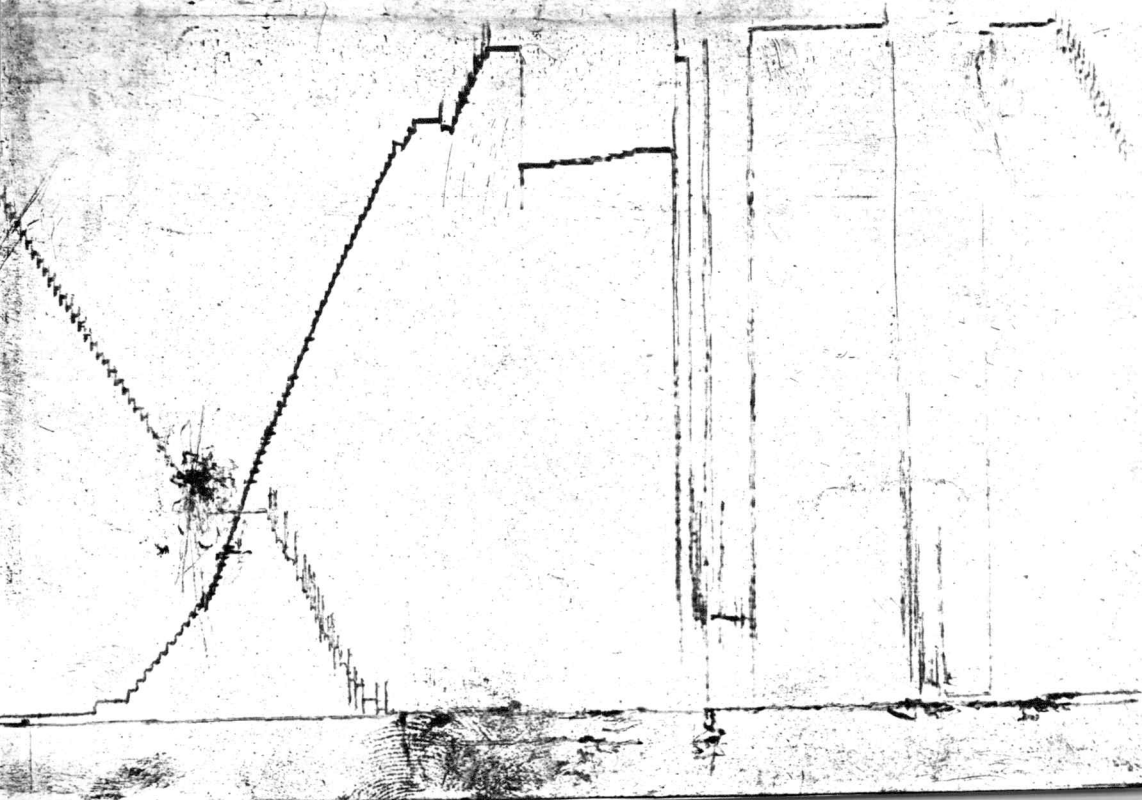
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FRT # 9320

HT 44 - 9320

Below Straddle



Company McCoy Petroleum Corporation Lease & Well No. Koehn "A" #1-15

Elevation ----- Formation ----- Effective Pay ----- Ft. Ticket No. 9321

Date 2/25/81 Sec. 15 Twp. 27S Range 31W County Haskell State Kansas

Test Approved by Robert E. McCann Western Representative Stuart Stover

Formation Test No. 2 Interval Tested from 4706 ft. to 4740 ft. Total Depth 4740 ft.

Packer Depth 4706 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4740 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4716 ft. Recorder Number 11018 Cap. 4425

Bottom Recorder Depth (Outside) 4735 ft. Recorder Number HT 44 Cap. -

Below Straddle Recorder Depth 4788 ft. Recorder Number 11019 Cap. 4500

Drilling Contractor Slawson Drilling Rig #6 Drill Collar Length 408 I. D. 2 1/4 in.

Mud Type - Viscosity - Weight Pipe Length 156 I. D. 3.0 in.

Weight - Water Loss - cc. Drill Pipe Length 3874 I. D. 4.0 in.

Chlorides - P.P.M. Test Tool Length 16 ft. Tool Size 3 1/2 in.

Jars: Make - Serial Number - Anchor Length 34 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: Weak, slow increase to fair.

Recovered 60 ft. of gas and oil cut mud

Recovered 600 ft. of gas in pipe

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Tore up new top packer.

Time Set Packer(s) 12:40 ~~AM~~ P.M. Time Started Off Bottom 3:55 ~~AM~~ P.M. Maximum Temperature ?

Initial Hydrostatic Pressure 2255 P.S.I. (A)

Initial Flow Period 25 Minutes (B) 40 P.S.I. to (C) 40 P.S.I.

Initial Closed In Period 45 Minutes (D) 79 P.S.I.

Final Flow Period 60 Minutes (E) 44 P.S.I. to (F) 53 P.S.I.

Final Closed In Period 60 Minutes (G) 104 P.S.I.

Final Hydrostatic Pressure 2233 P.S.I. (H)

WESTERN TESTING CO., INC.
Pressure Data

Date 2/25/81 Test Ticket No. 9321
 Recorder No. 11018 Capacity 4425 Location 4716 Ft.
 Clock No. - Elevation - Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2255</u> P.S.I.	Open Tool	<u>12:40P</u> M	
B First Initial Flow Pressure	<u>40</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>25</u> Mins.
C First Final Flow Pressure	<u>40</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>79</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>44</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>53</u> P.S.I.			
G Final Closed-in Pressure	<u>104</u> P.S.I.			
H Final Hydrostatic Mud	<u>2233</u> P.S.I.			

PRESSURE BREAKDOWN

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

Initial Shut-In
 Breakdown: 15 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 12 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

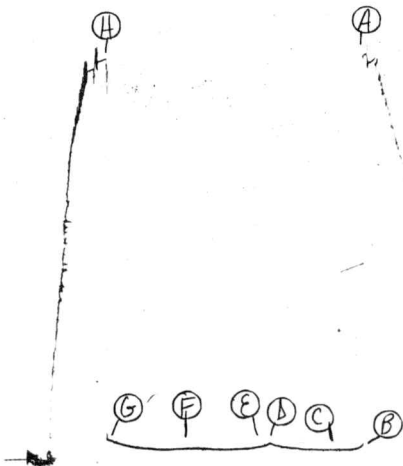
Final Shut-In
 Breakdown: 20 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>40</u>	<u>0</u>	<u>40</u>	<u>0</u>	<u>44</u>	<u>0</u>	<u>53</u>
P 2 <u>5</u>	<u>40</u>	<u>3</u>	<u>40</u>	<u>5</u>	<u>44</u>	<u>3</u>	<u>51</u>
P 3 <u>10</u>	<u>40</u>	<u>6</u>	<u>40</u>	<u>10</u>	<u>44</u>	<u>6</u>	<u>50</u>
P 4 <u>15</u>	<u>40</u>	<u>9</u>	<u>40</u>	<u>15</u>	<u>44</u>	<u>9</u>	<u>49</u>
P 5 <u>20</u>	<u>40</u>	<u>12</u>	<u>40</u>	<u>20</u>	<u>44</u>	<u>12</u>	<u>48</u>
P 6 <u>25</u>	<u>40</u>	<u>15</u>	<u>42</u>	<u>25</u>	<u>44</u>	<u>15</u>	<u>48</u>
P 7		<u>18</u>	<u>43</u>	<u>30</u>	<u>44</u>	<u>18</u>	<u>48</u>
P 8		<u>21</u>	<u>44</u>	<u>35</u>	<u>47</u>	<u>21</u>	<u>48</u>
P 9		<u>24</u>	<u>49</u>	<u>40</u>	<u>47</u>	<u>24</u>	<u>50</u>
P10		<u>27</u>	<u>51</u>	<u>45</u>	<u>51</u>	<u>27</u>	<u>53</u>
P11		<u>30</u>	<u>52</u>	<u>50</u>	<u>53</u>	<u>30</u>	<u>55</u>
P12		<u>33</u>	<u>57</u>	<u>55</u>	<u>53</u>	<u>33</u>	<u>56</u>
P13		<u>36</u>	<u>61</u>	<u>60</u>	<u>53</u>	<u>36</u>	<u>59</u>
P14		<u>39</u>	<u>64</u>			<u>39</u>	<u>62</u>
P15		<u>42</u>	<u>72</u>			<u>42</u>	<u>67</u>
P16		<u>45</u>	<u>79</u>			<u>45</u>	<u>71</u>
P17						<u>48</u>	<u>78</u>
P18						<u>51</u>	<u>87</u>
P19						<u>54</u>	<u>91</u>
P20						<u>57</u>	<u>100</u>
WTC - 4						<u>60</u>	<u>104</u>

TKT # 9321

11018-9321.

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TKT # 9321

44 - 9321

Below Straddle

