

Company Berne Fairchild Oil, Inc. Lease & Well No. Burress #1
 Elevation 1304 Ground Level Formation Simpson Effective Pay - Ft. Ticket No. 7969
 Date 12-31-80 Sec. 21 Twp. 29S Range 2E County Sedgwick State Kansas
 Test Approved by William A. Sladek Western Representative Kenny Kirkendall
 Formation Test No. 1 Interval Tested from 3477 ft. to 3497 ft. Total Depth 3497 ft.
 Packer Depth 3477 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 3472 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3482 ft. Recorder Number 2605 Cap. 4150
 Bottom Recorder Depth (Outside) 3487 ft. Recorder Number 1560 Cap. 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Triangle Rig #1 Drill Collar Length 357 I. D. - in.
 Mud Type Chemical Viscosity 50 Weight Pipe Length - I. D. - in.
 Weight 9.7 Water Loss 11.0 cc. Drill Pipe Length 3106 I. D. - in.
 Chlorides 1000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.
 Jars: Make No Serial Number - Anchor Length 20 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 building to good initial flow period. Good blow final flow period.

Recovered 80 ft. of free gassy oil
 Recovered 120 ft. of 35% oil; 10% water; 55% mud
 Recovered 60 ft. of 35% oil; 30% water; 35% mud
 Recovered 60 ft. of 30% oil; 40% water; 30% mud
 Recovered 70 ft. of 34% oil; 50% water; 16% mud
 Remarks: 470 ft. of slightly oil cut salt water

Time Set Packer(s) 11:50 A.M. Time Started Off Bottom 1:50 A.M. Maximum Temperature 118
 Initial Hydrostatic Pressure (A) 1724 P.S.I.
 Initial Flow Period Minutes 30 (B) 49 P.S.I. to (C) 203 P.S.I.
 Initial Closed In Period Minutes 30 (D) 1307 P.S.I.
 Final Flow Period Minutes 30 (E) 260 P.S.I. to (F) 324 P.S.I.
 Final Closed In Period Minutes 30 (G) 1294 P.S.I.
 Final Hydrostatic Pressure (H) 1724 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12/31/80 Recorder No. 2605 Capacity 4150 Test Ticket No. 7969
 Location 3482 Ft.
 Clock No. ----- Elevation 1304 Ground Level Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1724</u> P.S.I.	Open Tool	<u>11:50</u> A M	
B First Initial Flow Pressure	<u>49</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>203</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1307</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>260</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>324</u> P.S.I.			
G Final Closed-in Pressure	<u>1294</u> P.S.I.			
H Final Hydrostatic Mud	<u>1724</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>10</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>10</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>49</u>	<u>0</u>	<u>203</u>	<u>0</u>	<u>260</u>	<u>0</u>	<u>324</u>
P 2 <u>5</u>	<u>61</u>	<u>3</u>	<u>1106</u>	<u>5</u>	<u>258</u>	<u>3</u>	<u>1075</u>
P 3 <u>10</u>	<u>93</u>	<u>6</u>	<u>1172</u>	<u>10</u>	<u>263</u>	<u>6</u>	<u>1155</u>
P 4 <u>15</u>	<u>137</u>	<u>9</u>	<u>1207</u>	<u>15</u>	<u>275</u>	<u>9</u>	<u>1193</u>
P 5 <u>20</u>	<u>163</u>	<u>12</u>	<u>1238</u>	<u>20</u>	<u>290</u>	<u>12</u>	<u>1219</u>
P 6 <u>25</u>	<u>184</u>	<u>15</u>	<u>1255</u>	<u>25</u>	<u>307</u>	<u>15</u>	<u>1242</u>
P 7 <u>30</u>	<u>203</u>	<u>18</u>	<u>1273</u>	<u>30</u>	<u>324</u>	<u>18</u>	<u>1257</u>
P 8		<u>21</u>	<u>1286</u>			<u>21</u>	<u>1269</u>
P 9		<u>24</u>	<u>1296</u>			<u>24</u>	<u>1275</u>
P10		<u>27</u>	<u>1302</u>			<u>27</u>	<u>1288</u>
P11		<u>30</u>	<u>1307</u>			<u>30</u>	<u>1294</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

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