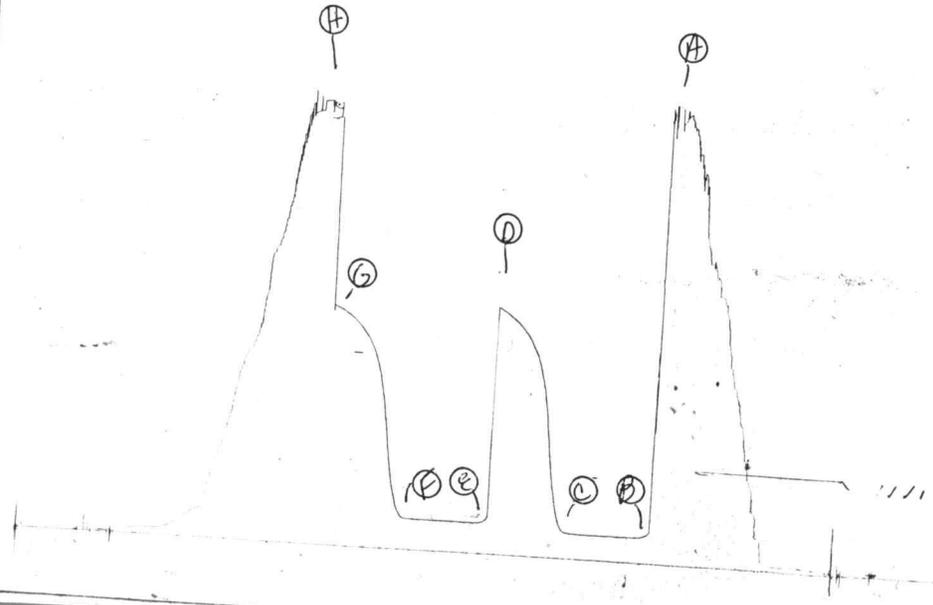


2606 DSY #1

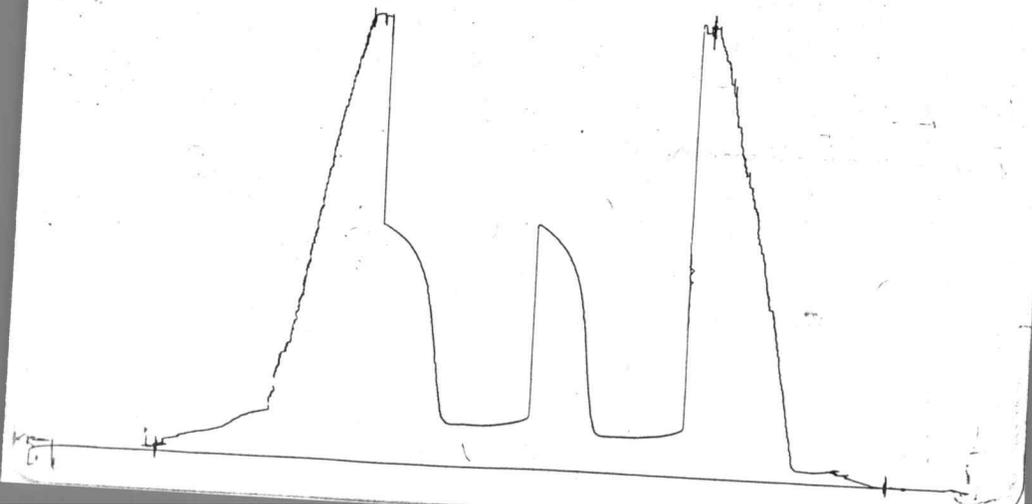
JK # 15842

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1051 - DST #1

Sk# 15842  
Below Straddle





Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

Company G A F Oil Company Lease & Well No. Swisher #1  
 Elevation -- Formation Simpson Sand Effective Pay - Ft. Ticket No. 15842  
 Date 3/26/82 Sec. 30 Twp. 27S Range 13W County Pratt State Kansas  
 Test Approved by Bruce B. Ard Western Representative Rod Tritt

Formation Test No. 1 Interval Tested from 4414 ft. to 4453 ft. Total Depth 4545 ft.  
 Packer Depth 4419 ft. Size 6 3/4 in. Packer Depth 4453 ft. Size 6 3/4 in.  
 Packer Depth 4414 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -  
 Top Recorder Depth (Inside) 4428 ft. Recorder Number 2606 Cap. 4150  
 Bottom Recorder Depth (Outside) 4431 ft. Recorder Number 4332 Cap. 4200  
 Below Straddle Recorder Depth 4542 ft. Recorder Number 1051 Cap. 4410  
 Drilling Contractor Landmark Energy Drlg. Rig #1 Drill Collar Length 61 I. D. 2 3/4 in.  
 Mud Type salt-clay-starch viscosity 55 Weight Pipe Length - I. D. - in.  
 Weight 9.9 Water Loss 12.8 cc. Drill Pipe Length 4388 I. D. 3.8 in.  
 Chlorides 76,000 P.P.M. Test Tool Length 32 ft. Tool Size 5 1/2 OD in.  
 Jars: Make WTC Serial Number 402 Anchor Length 63 + 61 ft. Size 5 1/2 + 6 1/4 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 Tool Joint Size 4 1/2 FH in.

Blow: Strong declining to a good blow on initial flow period. Good blow on final flow period.  
No gas to surface

Recovered 245 ft. of slightly oil cut mud  
 Recovered          ft. of 10% to 15% oil  
 Recovered          ft. of           
 Recovered          ft. of           
 Recovered          ft. of         

Remarks:         

Time Set Packer(s) 9:25 A.M. Time Started Off Bottom 1:25 P.M. Maximum Temperature 118°  
 Initial Hydrostatic Pressure          (A) 2397 P.S.I.  
 Initial Flow Period          Minutes 60 (B) 137 P.S.I. to (C) 137 P.S.I.  
 Initial Closed In Period          Minutes 60 (D) 1344 P.S.I.  
 Final Flow Period          Minutes 60 (E) 164 P.S.I. to (F) 164 P.S.I.  
 Final Closed In Period          Minutes 60 (G) 1304 P.S.I.  
 Final Hydrostatic Pressure          (H) 2344 P.S.I.

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 3/26/82

Test Ticket No. 15842

Recorder No. 2606

Capacity 4150

Location 4428 Ft.

Clock No. -----

Elevation -----

Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2397</u> P.S.I.	Open Tool	<u>9:25 P</u> M	
B First Initial Flow Pressure	<u>137</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>137</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1344</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>164</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>164</u> P.S.I.			
G Final Closed-in Pressure	<u>1304</u> P.S.I.			
H Final Hydrostatic Mud	<u>2344</u> P.S.I.			

**PRESSURE BREAKDOWN**

**First Flow Pressure**  
Breakdown: 12 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.

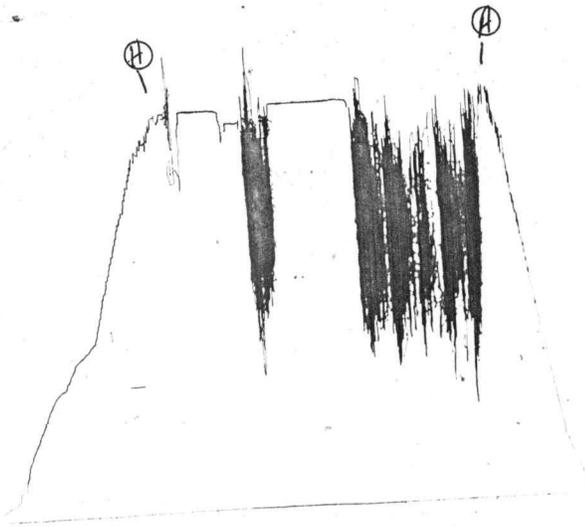
**Second Flow Pressure**  
Breakdown: 12 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

**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>137</u>	<u>0</u>	<u>137</u>	<u>0</u>	<u>164</u>	<u>0</u>	<u>164</u>
P 2 <u>5</u>	<u>137</u>	<u>3</u>	<u>144</u>	<u>5</u>	<u>164</u>	<u>3</u>	<u>171</u>
P 3 <u>10</u>	<u>137</u>	<u>6</u>	<u>171</u>	<u>10</u>	<u>164</u>	<u>6</u>	<u>202</u>
P 4 <u>15</u>	<u>137</u>	<u>9</u>	<u>241</u>	<u>15</u>	<u>164</u>	<u>9</u>	<u>277</u>
P 5 <u>20</u>	<u>137</u>	<u>12</u>	<u>360</u>	<u>20</u>	<u>164</u>	<u>12</u>	<u>398</u>
P 6 <u>25</u>	<u>137</u>	<u>15</u>	<u>535</u>	<u>25</u>	<u>164</u>	<u>15</u>	<u>554</u>
P 7 <u>30</u>	<u>137</u>	<u>18</u>	<u>730</u>	<u>30</u>	<u>164</u>	<u>18</u>	<u>721</u>
P 8 <u>35</u>	<u>137</u>	<u>21</u>	<u>894</u>	<u>35</u>	<u>164</u>	<u>21</u>	<u>865</u>
P 9 <u>40</u>	<u>137</u>	<u>24</u>	<u>988</u>	<u>40</u>	<u>164</u>	<u>24</u>	<u>967</u>
P10 <u>45</u>	<u>137</u>	<u>27</u>	<u>1066</u>	<u>45</u>	<u>164</u>	<u>27</u>	<u>1037</u>
P11 <u>50</u>	<u>137</u>	<u>30</u>	<u>1114</u>	<u>50</u>	<u>164</u>	<u>30</u>	<u>1086</u>
P12 <u>55</u>	<u>137</u>	<u>33</u>	<u>1159</u>	<u>55</u>	<u>164</u>	<u>33</u>	<u>1135</u>
P13 <u>60</u>	<u>137</u>	<u>36</u>	<u>1197</u>	<u>60</u>	<u>164</u>	<u>36</u>	<u>1164</u>
P14		<u>39</u>	<u>1224</u>			<u>39</u>	<u>1193</u>
P15		<u>42</u>	<u>1248</u>			<u>42</u>	<u>1211</u>
P16		<u>45</u>	<u>1269</u>			<u>45</u>	<u>1236</u>
P17		<u>48</u>	<u>1288</u>			<u>48</u>	<u>1254</u>
P18		<u>51</u>	<u>1303</u>			<u>51</u>	<u>1268</u>
P19		<u>54</u>	<u>1319</u>			<u>54</u>	<u>1283</u>
P20		<u>57</u>	<u>1334</u>			<u>57</u>	<u>1293</u>
WTC - 4		<u>60</u>	<u>1344</u>			<u>60</u>	<u>1304</u>

2606 DST#2

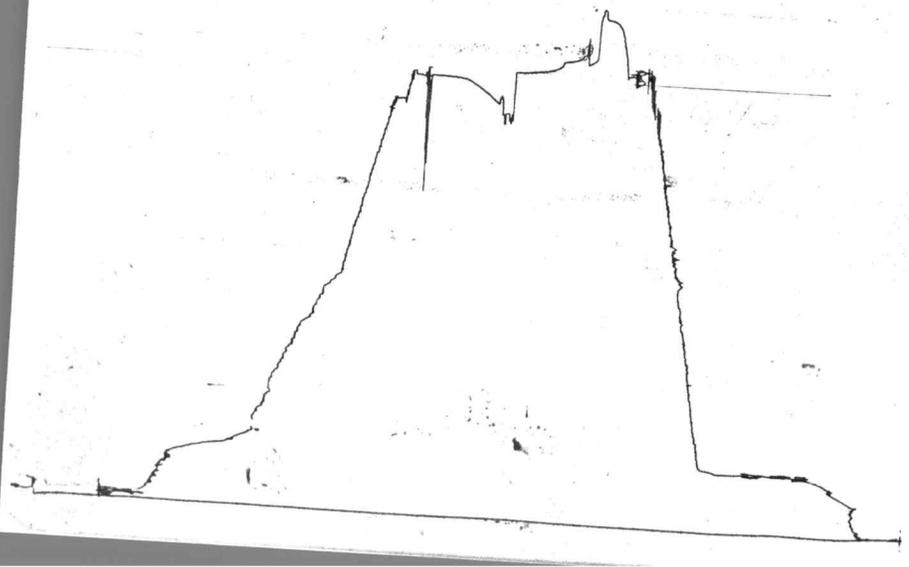
JK # 15843  
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1051 DS #2

JK # 15843

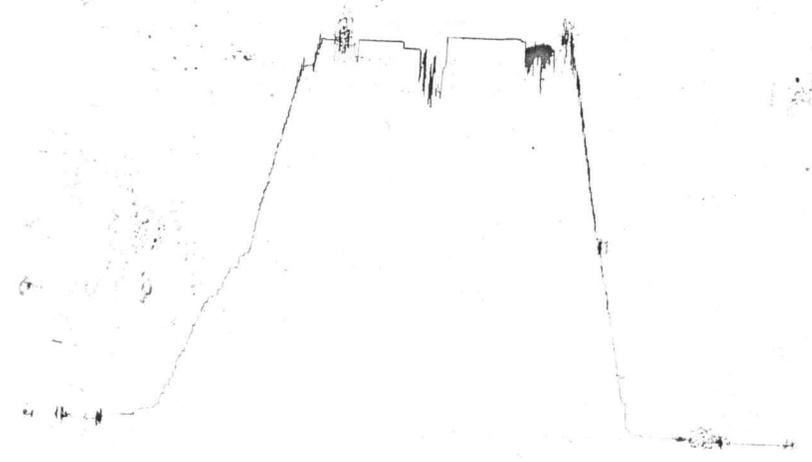
Below Straddle



4332 DST #2

SKT # 15843

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Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company G A F Oil Company Lease & Well No. Swisher #1  
 Elevation --- Formation Kansas City Effective Pay - Ft. Ticket No. 15843  
 Date 3/27/82 Sec 30 Twp 27S Range 13W County Pratt State Kansas  
 Test Approved by Bruce B. Ard Western Representative Rod Tritt

Formation Test No. 2 Interval Tested from 3998 ft. to 4065 ft. Total Depth 4545 ft.  
 Packer Depth 3993 ft. Size 6 3/4 in. Packer Depth 4065 ft. Size 6 3/4 in.  
 Packer Depth 3998 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3999 ft. Recorder Number 2606 Cap. 4150  
 Bottom Recorder Depth (Outside) 4002 ft. Recorder Number 4332 Cap. 4200  
 Below Straddle Recorder Depth 4542 ft. Recorder Number 1051 Cap. 4410

Drilling Contractor Landmark Energy Drlg. Rig #1 Drill Collar Length 61 I. D. 2 1/4 in.  
 Mud Type salt-gel-starch viscosity 40 Weight Pipe Length - I. D. - in.  
 Weight 9.7 Water Loss 9.6 cc. Drill Pipe Length 4414 I. D. 3.8 in.  
 Chlorides 68,000 P.P.M. Test Tool Length 32 ft. Tool Size 5 1/2 OD in.  
 Jars: Make WTC Serial Number 402 Anchor Length 38+31=69 ft. Size 5 1/2 OD 4 1/2 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 FH in.

Blow: Strong blow losing mud in hole slowly on initial and final flows.

Recovered          ft. of           
 Recovered          ft. of PACKER FAILURE  
 Recovered          ft. of MISRUN  
 Recovered          ft. of           
 Recovered          ft. of         

Remarks:         

Time Set Packer(s) 8:40 ~~P.M.~~ A.M. Time Started Off Bottom 11:10 ~~P.M.~~ A.M. Maximum Temperature ?  
 Initial Hydrostatic Pressure ..... (A) 2188 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) 2157 P.S.I.