

Company Energy Methods Corporation Lease & Well No. Neer #1-15
Elevation 1208 Kelly Bushing Formation Bartlesville Effective Pay ---- Ft. Ticket No. 6060
Date 7/29/80 Sec. 5 Twp. 29S Range 4E County Butler State Kansas
Test Approved by John R. Kennedy Western Representative Norman Allen

Formation Test No. 1 Interval Tested from 2625 ft. to 2651 ft. Total Depth 2651 ft.

Packer Depth 2625 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2620 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2644 ft. Recorder Number 3354 Cap. 4200

Bottom Recorder Depth (Outside) 2647 ft. Recorder Number 1560 Cap. 4500

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor White & Ellis Drilling Co. Rig #7 Drill Collar Length 180 I. D. 2 3/4 in.

Mud Type chemical Viscosity 42 Weight Pipe Length - I. D. - in.

Weight 9.8 Water Loss 12.- cc. Drill Pipe Length 2415 I. D. 3.8 in.

Chlorides 2,400 P.P.M. Test Tool Length 56 ft. Tool Size 4 1/2 OD in.

Jars: Make WTC Serial Number 401 Anchor Length 26 ft. Size 4 1/2 OD 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 4 1/2 XH in.

Blow: Weak blow for five minutes.

Recovered 5 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 11:30 ~~A.M.~~ P.M. Time Started Off Bottom 1:10 ~~A.M.~~ P.M. Maximum Temperature 103°

Initial Hydrostatic Pressure (A) 1379 P.S.I.

Initial Flow Period Minutes 20 (B) 44 P.S.I. to (C) 43 P.S.I.

Initial Closed In Period Minutes 27 (D) 76 P.S.I.

Final Flow Period Minutes 20 (E) 49 P.S.I. to (F) 45 P.S.I.

Final Closed In Period Minutes 27 (G) 61 P.S.I.

Final Hydrostatic Pressure (H) 1373 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 7/ 29/80 Test Ticket No. 6060
 Recorder No. 3354 Capacity 4200 Location 2644 Ft.
 Clock No. ---- Elevation 1208 Kelly Bushing Well Temperature 103 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1379</u> P.S.I.	Open Tool	<u>11:30P</u> M	
B First Initial Flow Pressure	<u>44</u> P.S.I.	First Flow Pressure	<u>20</u> Mins.	<u>20</u> Mins.
C First Final Flow Pressure	<u>43</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>76</u> P.S.I.	Second Flow Pressure	<u>20</u> Mins.	<u>20</u> Mins.
E Second Initial Flow Pressure	<u>49</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
F Second Final Flow Pressure	<u>45</u> P.S.I.			
G Final Closed-in Pressure	<u>61</u> P.S.I.			
H Final Hydrostatic Mud	<u>1373</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>4</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>9</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>4</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>9</u> Inc. of <u>3</u> mins. and a 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>44</u>	<u>0</u>	<u>43</u>	<u>0</u>	<u>49</u>	<u>0</u>	<u>45</u>
P 2 <u>5</u>	<u>43</u>	<u>3</u>	<u>44</u>	<u>5</u>	<u>45</u>	<u>3</u>	<u>47</u>
P 3 <u>10</u>	<u>43</u>	<u>6</u>	<u>46</u>	<u>10</u>	<u>45</u>	<u>6</u>	<u>49</u>
P 4 <u>15</u>	<u>43</u>	<u>9</u>	<u>47</u>	<u>15</u>	<u>45</u>	<u>9</u>	<u>52</u>
P 5 <u>20</u>	<u>43</u>	<u>12</u>	<u>53</u>	<u>20</u>	<u>45</u>	<u>12</u>	<u>54</u>
P 6		<u>15</u>	<u>57</u>			<u>15</u>	<u>56</u>
P 7		<u>18</u>	<u>62</u>			<u>18</u>	<u>58</u>
P 8		<u>21</u>	<u>66</u>			<u>21</u>	<u>60</u>
P 9		<u>24</u>	<u>72</u>			<u>24</u>	<u>61</u>
P10		<u>27</u>	<u>76</u>			<u>27</u>	
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

SKT # 6060
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