

Company DuPont Oil Company Lease & Well No. Nitchske #1
 Elevation 1258 Kelly Bushing Formation Cleveland Effective Pay - Ft. Ticket No. 7724
 Date 10-18-80 Sec. 19 Twp. 32S Range 7E County Cowley State Kansas
 Test Approved by M. M. Mace Western Representative Allen Edgington
 Formation Test No. 1 Interval Tested from 2398 ft. to 2461 ft. Total Depth 2461 ft.
 Packer Depth 2393 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 2398 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 2383 ft. Recorder Number 3354 Cap. 4200
 Bottom Recorder Depth (Outside) 2386 ft. Recorder Number 10980 Cap. 4200
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Edco Rig #6 Drill Collar Length 176 I. D. 2 1/4 in.
 Mud Type Chemical Viscosity 40 Weight Pipe Length - I. D. - in.
 Weight 9.3 Water Loss 10.0 cc. Drill Pipe Length 2218 I. D. 3.8 in.
 Chlorides 1600 P.P.M. Test Tool Length 27 ft. Tool Size - in.
 Jars: Make No Serial Number - Anchor Length 63 ft. Size 4 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 4 1/2 in.

Blow: Very weak blow for 14 minutes.

Recovered ft. of no recovery

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 8:30 A.M. Time Started Off Bottom 9:30 A.M. Maximum Temperature 105
 Initial Hydrostatic Pressure (A) 1184 P.S.I.
 Initial Flow Period Minutes 30 (B) 4 P.S.I. to (C) 4 P.S.I.
 Initial Closed In Period Minutes 30 (D) 4 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) 1177 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 10-18-80 Recorder No. 3354 Capacity 4200 Test Ticket No. 7724
 Clock No. - Elevation 1258 Kelly Bushing Location 2383 Ft. -
 Well Temperature 105 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	1184	8:30P	M
B First Initial Flow Pressure	4	30	30
C First Final Flow Pressure	4	30	30
D Initial Closed-in Pressure	4	-	-
E Second Initial Flow Pressure	-	-	-
F Second Final Flow Pressure	-	-	-
G Final Closed-in Pressure	-	-	-
H Final Hydrostatic Mud	1177		

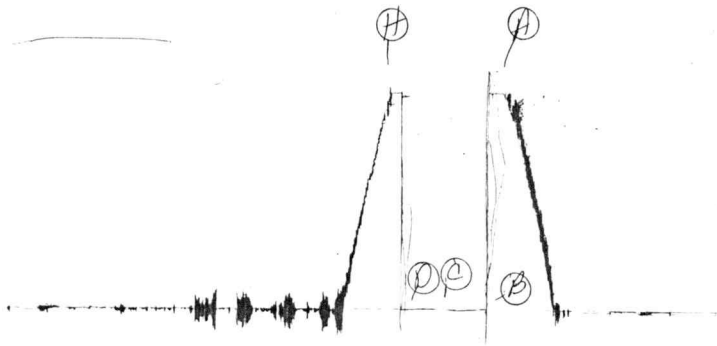
P.S.I. Open Tool First Flow Pressure Initial Closed-in Pressure Second Flow Pressure Final Closed-in Pressure

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>0</u> Inc.		Breakdown: <u>0</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>4</u>	<u>0</u>	<u>4</u>				
P 2 <u>5</u>	<u>4</u>	<u>3</u>	<u>4</u>				
P 3 <u>10</u>	<u>4</u>	<u>6</u>	<u>4</u>				
P 4 <u>15</u>	<u>4</u>	<u>9</u>	<u>4</u>				
P 5 <u>20</u>	<u>4</u>	<u>12</u>	<u>4</u>				
P 6 <u>25</u>	<u>4</u>	<u>15</u>	<u>4</u>				
P 7 <u>30</u>	<u>4</u>	<u>18</u>	<u>4</u>				
P 8		<u>21</u>	<u>4</u>				
P 9		<u>24</u>	<u>4</u>				
P 10		<u>27</u>	<u>4</u>				
P 11		<u>30</u>	<u>4</u>				
P 12							
P 13							
P 14							
P 15							
P 16							
P 17							
P 18							
P 19							
P 20							

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Company DuPont Oil Company Lease & Well No. Nitchske #1
 Elevation 1258 Kelly Bushing Formation - Effective Pay - Ft. Ticket No. 7750
 Date 10-20-80 Sec. 19 Twp. 32S Range 7E County Cowley State Kansas
 Test Approved by M. M. Mace Western Representative James Ricketts
 Formation Test No. 7 Interval Tested from 2816 ft. to 2770 ft. Total Depth 2940 ft.
 Packer Depth 2818 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 2770 ft. Size 6 3/4 in. Packer Depth 2765 ft. Size 6 3/4 in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3808 ft. Recorder Number 2065 Cap. 4150
 Bottom Recorder Depth (Outside) 2811 ft. Recorder Number #26 WTC Cap. -
 Below Straddle Recorder Depth 2940 ft. Recorder Number 1560 Cap. 4500
 Drilling Contractor Edco Rig #6 Drill Collar Length 233 I. D. 2.25 in.
 Mud Type Chemical Viscosity 40 Weight Pipe Length - I. D. - in.
 Weight 9.8 Water Loss 9.6 cc. Drill Pipe Length 2544 I. D. 3.25 in.
 Chlorides 2000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.
 Jars: Make No Serial Number - Anchor Length 46 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 4 1/2 XH in.

Blow: Weak blow died in 12 minutes initial flow period.

Recovered 20 ft. of mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 5:40 ~~A.M.~~ P.M. Time Started Off Bottom 6:25 ~~A.M.~~ P.M. Maximum Temperature 100
 Initial Hydrostatic Pressure (A) 1481 P.S.I.
 Initial Flow Period Minutes 15 (B) 55 P.S.I. to (C) 53 P.S.I.
 Initial Closed In Period Minutes 30 (D) 239 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) 1450 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 10-20-89 Recorder No. 2605 Capacity 4150 Test Ticket No. 7750
 Clock No. - Elevation 1258 Kelly Bushing Location 2808 Ft. -
 Well Temperature 100 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud <u>1481</u> P.S.I.		<u>5:40P</u> M	
B First Initial Flow Pressure <u>55</u> P.S.I.		<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure <u>53</u> P.S.I.		<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure <u>239</u> P.S.I.		<u>-</u> Mins.	<u>-</u> Mins.
E Second Initial Flow Pressure <u>-</u> P.S.I.		<u>-</u> Mins.	<u>-</u> Mins.
F Second Final Flow Pressure <u>-</u> P.S.I.			
G Final Closed-in Pressure <u>-</u> P.S.I.			
H Final Hydrostatic Mud <u>1450</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>0</u> Inc.		Breakdown: <u>0</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>55</u>	<u>0</u>	<u>53</u>				
P 2 <u>5</u>	<u>55</u>	<u>3</u>	<u>53</u>				
P 3 <u>10</u>	<u>53</u>	<u>6</u>	<u>53</u>				
P 4 <u>15</u>	<u>53</u>	<u>9</u>	<u>57</u>				
P 5		<u>12</u>	<u>63</u>				
P 6		<u>15</u>	<u>74</u>				
P 7		<u>18</u>	<u>99</u>				
P 8		<u>21</u>	<u>125</u>				
P 9		<u>24</u>	<u>163</u>				
P10		<u>27</u>	<u>201</u>				
P11		<u>30</u>	<u>239</u>				
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

JK # 7750

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2005

(H)

(A)

(D)

(Q)

(B)

JK1 # 7750

Below Straddle

2951

