



Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Big "J" Production, Inc. Lease & Well No. Standish #1
Elevation 1962 Kelly Bushing Formation Kansas City Effective Pay - Ft. Ticker No. 11145
Date 3/26/81 Sec. 8 Twp. 22S Range 14W County Stafford State Kansas
Test Approved by James E Gribi Western Representative Dan Delaney
Formation Test No. 1 Interval Tested from 3593 ft. to 3627 ft. Total Depth 3627 ft.
Packer Depth 3593 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 3588 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3596 ft. Recorder Number 6234 Cap. 4500
Bottom Recorder Depth (Outside) 3599 ft. Recorder Number 6077 Cap. 4700
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Discovery Rig #1 Drill Collar Length 180 I. D. 2.2 in.
Mud Type Starch Viscosity 41 Weight Pipe Length - I. D. - in.
Weight 9.8 Water Loss 15.6 cc. Drill Pipe Length 3391 I. D. 3.8 in.
Chlorides 32,000 P.P.M. Test Tool Length 22 ft. Tool Size 4 1/2 in.
Jars: Make - Serial Number - Anchor Length 34 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4FH in.

Blow: Weak blow increasing to a strong blow throughout test

Recovered	60	ft. of	slightly oil specked gassy mud
Recovered	60	ft. of	heavily oil & gas cut mud - 53% oil; 47% mud
Recovered	60	ft. of	mud & gas cut oil - 68% oil; 32% mud
Recovered	60	ft. of	slightly mud & gas cut oil - 82% oil; 18% mud
Recovered		ft. of	

Remarks:

Time Set	Packer(s)	A.M. P.M.	Time Started	Off Bottom	A.M. P.M.	Maximum Temperature
	<u>7:10</u>			<u>9:55</u>		<u>106</u>
Initial Hydrostatic Pressure			(A)	<u>1855</u>	P.S.I.	
Initial Flow Period		Minutes	<u>15</u>	(B)	<u>69</u>	P.S.I. to (C) <u>75</u> P.S.I.
Initial Closed In Period		Minutes	<u>45</u>	(D)	<u>930</u>	P.S.I.
Final Flow Period		Minutes	<u>60</u>	(E)	<u>108</u>	P.S.I. to (F) <u>119</u> P.S.I.
Final Closed In Period		Minutes	<u>45</u>	(G)	<u>887</u>	P.S.I.
Final Hydrostatic Pressure			(H)	<u>1855</u>	P.S.I.	

WESTERN TESTING CO., INC.

Pressure Data

Date 3/26/81 Test Ticket No. 11145
 Recorder No. 6234 Capacity 4500 Location 3596 Ft.
 Clock No. - Elevation 1962 Kelly Bushing Well Temperature 106 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	1855 P.S.I.	7:10A	M
B First Initial Flow Pressure	69 P.S.I.	15 Mins.	15 Mins.
C First Final Flow Pressure	75 P.S.I.	45 Mins.	45 Mins.
D Initial Closed-in Pressure	930 P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	108 P.S.I.	45 Mins.	45 Mins.
F Second Final Flow Pressure	119 P.S.I.		
G Final Closed-in Pressure	887 P.S.I.		
H Final Hydrostatic Mud	1855 P.S.I.		

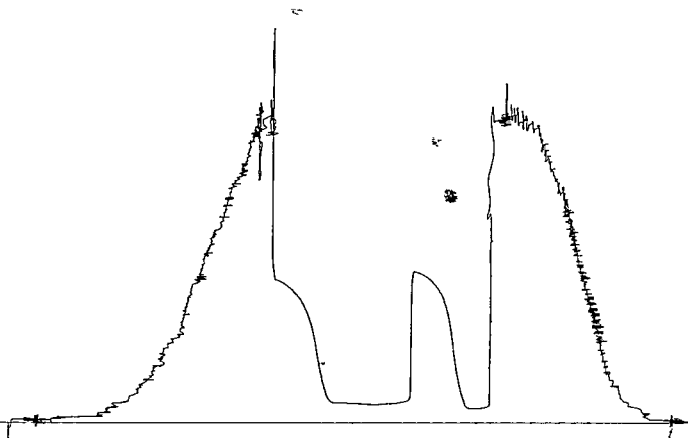
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>15</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>69</u>	<u>0</u>	<u>75</u>	<u>0</u>	<u>108</u>	<u>0</u>	<u>119</u>
P 2 <u>5</u>	<u>64</u>	<u>3</u>	<u>133</u>	<u>5</u>	<u>102</u>	<u>3</u>	<u>174</u>
P 3 <u>10</u>	<u>67</u>	<u>6</u>	<u>213</u>	<u>10</u>	<u>102</u>	<u>6</u>	<u>248</u>
P 4 <u>15</u>	<u>75</u>	<u>9</u>	<u>330</u>	<u>15</u>	<u>102</u>	<u>9</u>	<u>339</u>
P 5		<u>12</u>	<u>466</u>	<u>20</u>	<u>102</u>	<u>12</u>	<u>456</u>
P 6		<u>15</u>	<u>617</u>	<u>25</u>	<u>105</u>	<u>15</u>	<u>563</u>
P 7		<u>18</u>	<u>725</u>	<u>30</u>	<u>107</u>	<u>18</u>	<u>649</u>
P 8		<u>21</u>	<u>793</u>	<u>35</u>	<u>110</u>	<u>21</u>	<u>714</u>
P 9		<u>24</u>	<u>836</u>	<u>40</u>	<u>112</u>	<u>24</u>	<u>759</u>
P10		<u>27</u>	<u>860</u>	<u>45</u>	<u>115</u>	<u>27</u>	<u>795</u>
P11		<u>30</u>	<u>883</u>	<u>50</u>	<u>117</u>	<u>30</u>	<u>820</u>
P12		<u>33</u>	<u>901</u>	<u>55</u>	<u>119</u>	<u>33</u>	<u>842</u>
P13		<u>36</u>	<u>914</u>	<u>60</u>	<u>119</u>	<u>36</u>	<u>858</u>
P14		<u>39</u>	<u>923</u>			<u>39</u>	<u>872</u>
P15		<u>42</u>	<u>929</u>			<u>42</u>	<u>883</u>
P16		<u>45</u>	<u>930</u>			<u>45</u>	<u>887</u>
P17							
P18							
P19							
P20							

TKT #11145

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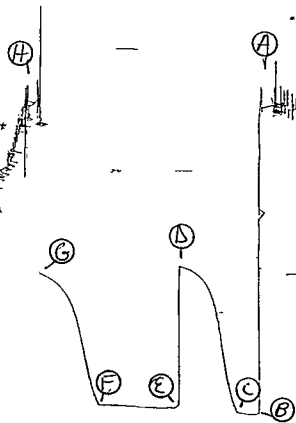
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6234





Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

Company Big "J" Production, Inc. Lease & Well No. Standish #1
Elevation 1962 Kelly Bushing Formation Kansas City Effective Pay - Ft. Ticket No. 11146
Date 3/27/81 Sec. 8 Twp. 22S Range 14W County Stafford State Kansas
Test Approved by James E Gribi Western Representative Dan Delaney
Formation Test No. 2 Interval Tested from 3632 ft. to 3653 ft. Total Depth 3653 ft.
Packer Depth 3632 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 3627 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3639 ft. Recorder Number 6234 Cap. 4500
Bottom Recorder Depth (Outside) 3642 ft. Recorder Number 6077 Cap. 4700
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Discovery Rig #1 Drill Collar Length 180 I. D. 2.2 in.
Mud Type Starch Viscosity - Weight Pipe Length - I. D. - in.
Weight - Water Loss - cc. Drill Pipe Length 3430 I. D. 3.8 in.
Chlorides - P.P.M. Test Tool Length 22 ft. Tool Size 4 1/2 in.
Jars: Make - Serial Number - Anchor Length 21 ft. Size 5 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 4FH in.

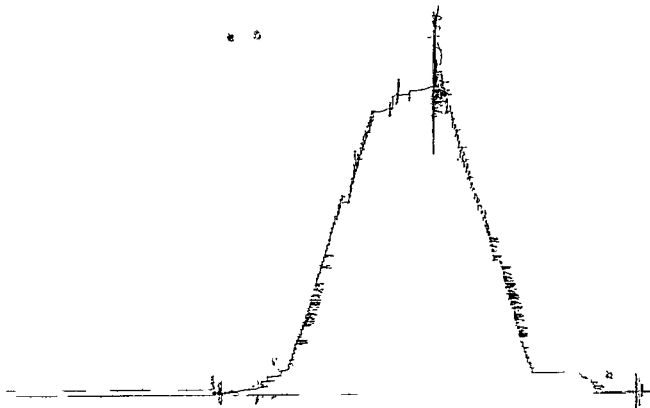
Blow:

Recovered - ft. of
Recovered - ft. of
Recovered - ft. of
Recovered - ft. of
Recovered - ft. of
Remarks: Could not get to bottom. Hit bridge 180 ft off bottom.

MISRUN - NO PRESSURES AVAILABLE

Time Set	Packer(s)	A.M. P.M.	Time Started	Off Bottom	A.M. P.M.	Maximum Temperature
Initial Hydrostatic Pressure		(A)	-	-	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)	-	-	P.S.I.	-

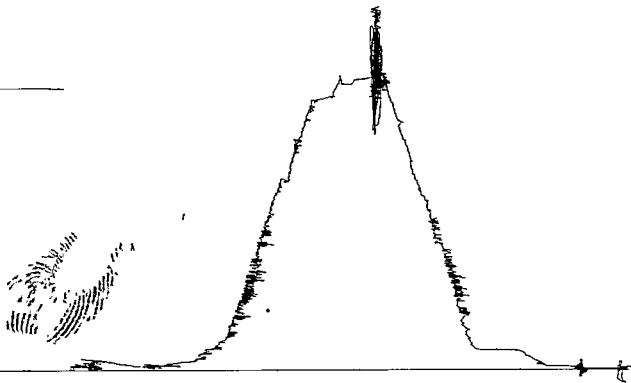
TKT # 11146
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6234

TKT # 11146

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

Company Big "J" Production, Inc. Lease & Well No. Standish #1
Elevation 1962 Kelly Bushing Formation Kansas City Effective Pay - Ft. Ticket No. 11147
Date 3/27/81 Sec. 8 Twp. 22S Range 14W County Stafford State Kansas
Test Approved by James E Gribi Western Representative Dan Delaney
Formation Test No. 3 Interval Tested from 3632 ft. to 3653 ft. Total Depth 3653 ft.
Packer Depth 3632 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 3627 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3639 ft. Recorder Number 6234 Cap. 4500
Bottom Recorder Depth (Outside) 3642 ft. Recorder Number 6077 Cap. 4700
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Discovery Rig #1 Drill Collar Length 180 I. D. 2.2 in.
Mud Type Starch Viscosity 48 Weight Pipe Length - I. D. - in.
Weight 9.7+ Water Loss 10.0 cc. Drill Pipe Length 3430 I. D. 3.8 in.
Chlorides 34,000 P.P.M. Test Tool Length 22 ft. Tool Size 4 1/2 in.
Jars: Make - Serial Number - Anchor Length 21 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4FH in.

Blow: Weak blow increasing to a strong blow throughout test

Recovered 10 ft. of slightly oil & gas cut mud
Recovered 120 ft. of mud & gas cut oil - 65% oil; 35% mud
Recovered 180 ft. of slightly mud & gas cut oil - 92% oil; 8% mud

Recovered - ft. of -
Recovered - ft. of -

Remarks: -

Time Set Packer(s) 6:10 ~~A.M.~~ P.M. Time Started Off Bottom 8:55 ~~A.M.~~ P.M. Maximum Temperature 107
Initial Hydrostatic Pressure 1859 P.S.I. (A)
Initial Flow Period 15 Minutes (B) 46 P.S.I. to (C) 69 P.S.I.
Initial Closed In Period 42 Minutes (D) 867 P.S.I.
Final Flow Period 60 Minutes (E) 122 P.S.I. to (F) 128 P.S.I.
Final Closed In Period 45 Minutes (G) 824 P.S.I.
Final Hydrostatic Pressure 1837 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

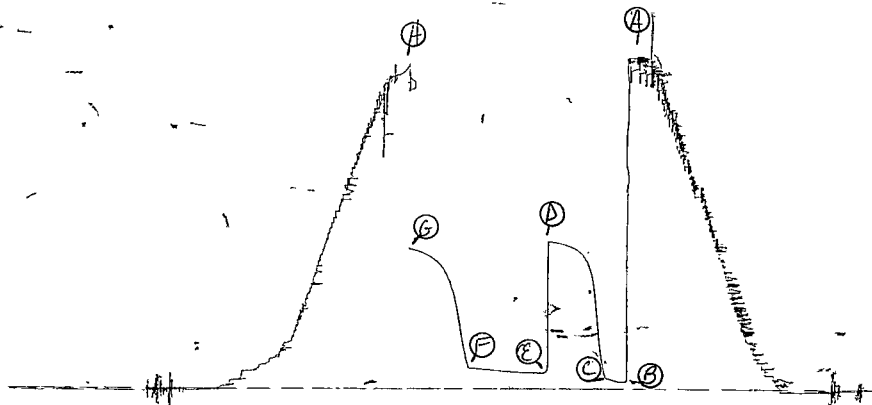
Date 3/27/81 Test Ticket No. 11147
 Recorder No. 6234 Capacity 4500 Location 3639 Ft.
 Clock No. - Elevation 1962 Kelly Bushing Well Temperature 107 °F

Point	Pressure	Open Tool	Time Given	Time Computed
A. Initial Hydrostatic Mud	1859 P.S.I.		6:10P	M
B First Initial Flow Pressure	46 P.S.I.	First Flow Pressure	15 Mins	15 Mins.
C First Final Flow Pressure	69 P.S.I.	Initial Closed-in Pressure	45 Mins	42 Mins.
D Initial Closed-in Pressure	867 P.S.I.	Second Flow Pressure	60 Mins	60 Mins.
E Second Initial Flow Pressure	122 P.S.I.	Final Closed-in Pressure	45 Mins	45 Mins.
F Second Final Flow Pressure	128 P.S.I.			
G Final Closed-in Pressure	824 P.S.I.			
H Final Hydrostatic Mud	1837 P.S.I.			

PRESSURE BREAKDOWN

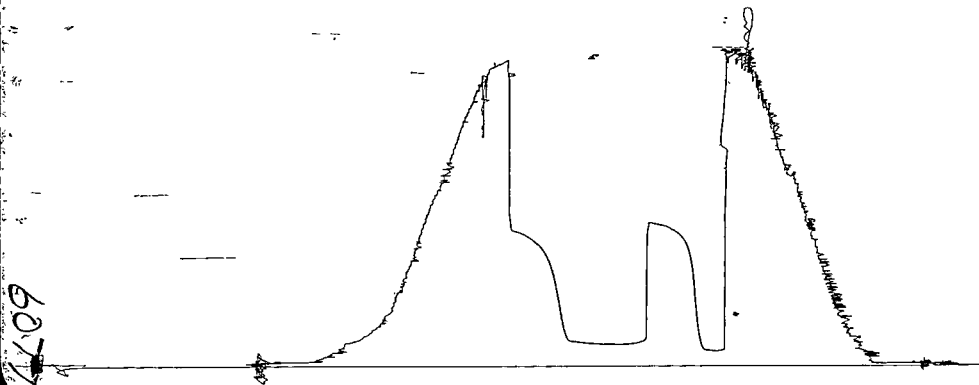
First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>14</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>15</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</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>46</u>	<u>0</u>	<u>69</u>	<u>0</u>	<u>122</u>	<u>0</u>	<u>128</u>
P 2 <u>5</u>	<u>48</u>	<u>3</u>	<u>172</u>	<u>5</u>	<u>99</u>	<u>3</u>	<u>227</u>
P 3 <u>10</u>	<u>57</u>	<u>6</u>	<u>390</u>	<u>10</u>	<u>100</u>	<u>6</u>	<u>358</u>
P 4 <u>15</u>	<u>69</u>	<u>9</u>	<u>630</u>	<u>15</u>	<u>100</u>	<u>9</u>	<u>491</u>
P 5		<u>12</u>	<u>721</u>	<u>20</u>	<u>103</u>	<u>12</u>	<u>586</u>
P 6		<u>15</u>	<u>770</u>	<u>25</u>	<u>105</u>	<u>15</u>	<u>649</u>
P 7		<u>18</u>	<u>800</u>	<u>30</u>	<u>108</u>	<u>18</u>	<u>698</u>
P 8		<u>21</u>	<u>818</u>	<u>35</u>	<u>110</u>	<u>21</u>	<u>727</u>
P 9		<u>24</u>	<u>833</u>	<u>40</u>	<u>115</u>	<u>24</u>	<u>755</u>
P10		<u>27</u>	<u>842</u>	<u>45</u>	<u>119</u>	<u>27</u>	<u>770</u>
P11		<u>30</u>	<u>851</u>	<u>50</u>	<u>123</u>	<u>30</u>	<u>786</u>
P12		<u>33</u>	<u>857</u>	<u>55</u>	<u>126</u>	<u>33</u>	<u>797</u>
P13		<u>36</u>	<u>862</u>	<u>60</u>	<u>128</u>	<u>36</u>	<u>806</u>
P14		<u>39</u>	<u>865</u>			<u>39</u>	<u>815</u>
P15		<u>42</u>	<u>867</u>			<u>42</u>	<u>822</u>
P16						<u>45</u>	<u>824</u>
P17							
P18							
P19							
P20							

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TKT # 11147
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Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

Company Big "J" Production, Inc. Lease & Well No. Standish #1
Elevation 1962 Kelly Bushing Formation Kansas City Effective Pay - Ft. Ticket No. 11148
Date 3/28/81 Sec. 8 Twp. 22S Range 14W County Stafford State Kansas
Test Approved by James E Gribi Western Representative Dan Delaney
Formation Test No. 4 Interval Tested from 3660 ft. to 3682 ft. Total Depth 3682 ft.
Packer Depth 3660 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 3655 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3669 ft. Recorder Number 6234 Cap. 4500
Bottom Recorder Depth (Outside) 3672 ft. Recorder Number 6077 Cap. 4700
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Discovery Rig #1 Drill Collar Length 180 I. D. 2.2 in.
Mud Type Starch Viscosity - Weight Pipe Length - I. D. - in.
Weight - Water Loss - cc. Drill Pipe Length 3458 I. D. 3.8 in.
Chlorides - P.P.M. Test Tool Length 22 ft. Tool Size 4 1/2 in.
Jars: Make - Serial Number - Anchor Length 22 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4FH in.

Blow:

Recovered - ft. of

Recovered - ft. of

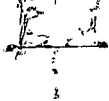
Recovered - ft. of

Recovered - ft. of

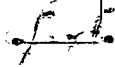
Recovered - ft. of

Remarks: Hit bridge 160 ft. off bottom. MISRUN NO PRESSURES AVAILABLE

Time Set Packer(s) - A.M. P.M. Time Started Off Bottom - A.M. P.M. Maximum Temperature -
Initial Hydrostatic Pressure - (A) - 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) - P.S.I.

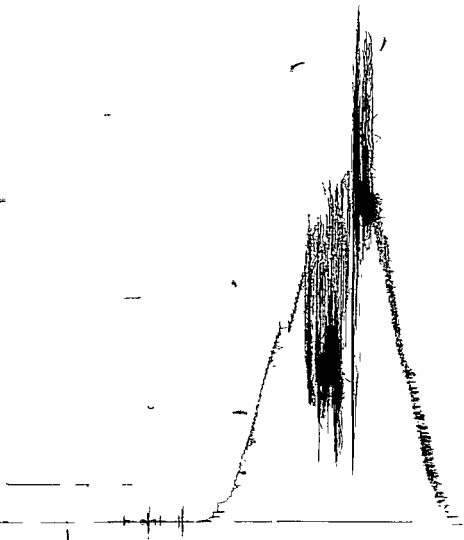


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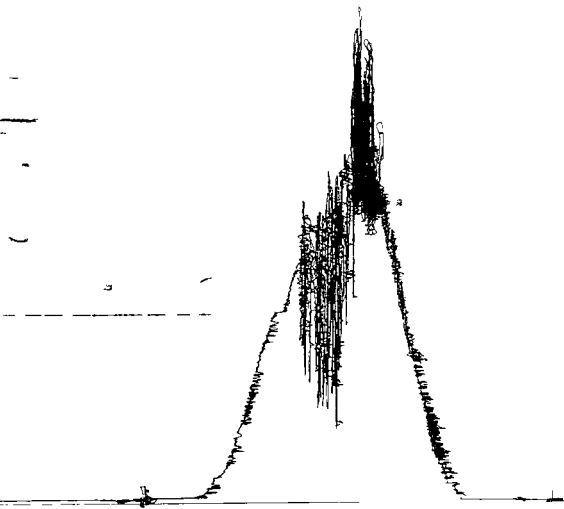
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TKT # 11148

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Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

Company Big "J" Production, Inc. Lease & Well No. Standish #1
Elevation 1962 Kelly Bushing Formation Kansas City Effective Pay - Ft. Ticket No. 11149
Date 3/29/81 Sec. 8 Twp. 22S Range 14W County Stafford State Kansas
Test Approved by James E Gribi Western Representative Dan Delaney
Formation Test No. 5 Interval Tested from 3660 ft. to 3682 ft. Total Depth 3682 ft.
Packer Depth 3660 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 3655 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3669 ft. Recorder Number 6234 Cap 4500
Bottom Recorder Depth (Outside) 3672 ft. Recorder Number 6077 Cap 4700
Below Straddle Recorder Depth - ft. Recorder Number - Cap -
Drilling Contractor Discovery Rig #1 Drill Collar Length 180 I. D. 2.2 in.
Mud Type Starch Viscosity 51 Weight Pipe Length - I. D. - in.
Weight 9.6 Water Loss 11.2 cc. Drill Pipe Length 3458 I. D. 3.8 in.
Chlorides 43,000 P.P.M. Test Tool Length 22 ft. Tool Size 4 1/2 in.
Jars: Make - Serial Number - Anchor Length 22 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4FH in.

Blow: Weak blow increasing to a strong blow throughout test

Recovered 1440 ft. of slightly oil specked water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 11:10 A.M. Time Started Off Bottom 1:55 A.M. Maximum Temperature 114
Initial Hydrostatic Pressure (A) 1916 P.S.I.
Initial Flow Period Minutes 15 (B) 103 P.S.I. to (C) 266 P.S.I.
Initial Closed In Period Minutes 45 (D) 1194 P.S.I.
Final Flow Period Minutes 60 (E) 321 P.S.I. to (F) 722 P.S.I.
Final Closed In Period Minutes 45 (G) 1122 P.S.I.
Final Hydrostatic Pressure (H) 1878 P.S.I.

WESTERN TESTING CO., INC.

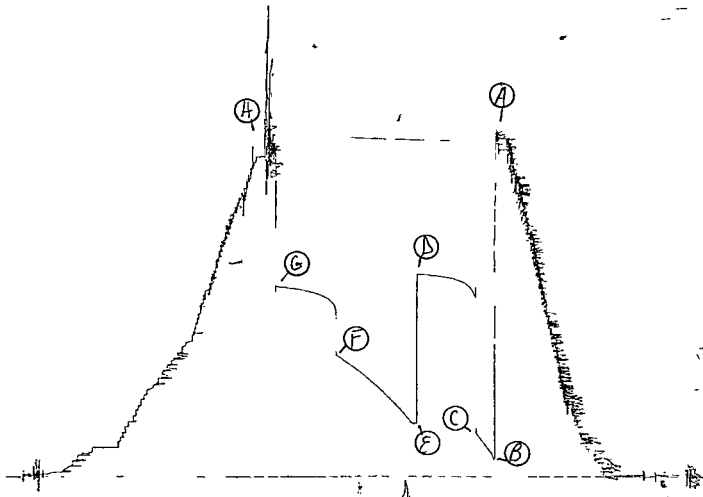
Pressure Data

Date 3/29/81 Test Ticker No. 11149
 Recorder No. 6234 Capacity 4500 Location 3669 Fr.
 Clock No. - Elevation 1962 Kelly Bushing Well Temperature 114 °F
 Point Pressure Time Given Time Computed
 A. Initial Hydrostatic Mud 1916 P.S.I. Open Tool 11:10A M
 B First Initial Flow Pressure 103 P.S.I. First Flow Pressure 15 Mins. 15 Mins.
 C First Final Flow Pressure 266 P.S.I. Initial Closed-in Pressure 45 Mins. 45 Mins.
 D Initial Closed-in Pressure 1194 P.S.I. Second Flow Pressure 60 Mins. 60 Mins.
 E Second Initial Flow Pressure 321 P.S.I. Final Closed-in Pressure 45 Mins. 45 Mins.
 F Second Final Flow Pressure 722 P.S.I.
 G Final Closed-in Pressure 1122 P.S.I.
 H Final Hydrostatic Mud 1878 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>15</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>103</u>	<u>0</u>	<u>266</u>	<u>0</u>	<u>321</u>	<u>0</u>	<u>722</u>
P 2 <u>5</u>	<u>170</u>	<u>3</u>	<u>1088</u>	<u>5</u>	<u>335</u>	<u>3</u>	<u>1029</u>
P 3 <u>10</u>	<u>222</u>	<u>6</u>	<u>1120</u>	<u>10</u>	<u>383</u>	<u>6</u>	<u>1050</u>
P 4 <u>15</u>	<u>266</u>	<u>9</u>	<u>1140</u>	<u>15</u>	<u>422</u>	<u>9</u>	<u>1063</u>
P 5		<u>12</u>	<u>1152</u>	<u>20</u>	<u>466</u>	<u>12</u>	<u>1075</u>
P 6		<u>15</u>	<u>1162</u>	<u>25</u>	<u>505</u>	<u>15</u>	<u>1084</u>
P 7		<u>18</u>	<u>1167</u>	<u>30</u>	<u>541</u>	<u>18</u>	<u>1093</u>
P 8		<u>21</u>	<u>1172</u>	<u>35</u>	<u>577</u>	<u>21</u>	<u>1096</u>
P 9		<u>24</u>	<u>1176</u>	<u>40</u>	<u>610</u>	<u>24</u>	<u>1102</u>
P10		<u>27</u>	<u>1181</u>	<u>45</u>	<u>642</u>	<u>27</u>	<u>1106</u>
P11		<u>30</u>	<u>1185</u>	<u>50</u>	<u>667</u>	<u>30</u>	<u>1111</u>
P12		<u>33</u>	<u>1187</u>	<u>55</u>	<u>696</u>	<u>33</u>	<u>1113</u>
P13		<u>36</u>	<u>1189</u>	<u>60</u>	<u>722</u>	<u>36</u>	<u>1115</u>
P14		<u>39</u>	<u>1191</u>			<u>39</u>	<u>1117</u>
P15		<u>42</u>	<u>1193</u>			<u>42</u>	<u>1119</u>
P16		<u>45</u>	<u>1194</u>			<u>45</u>	<u>1122</u>
P17							
P18							
P19							
P20							

TKT # 11149
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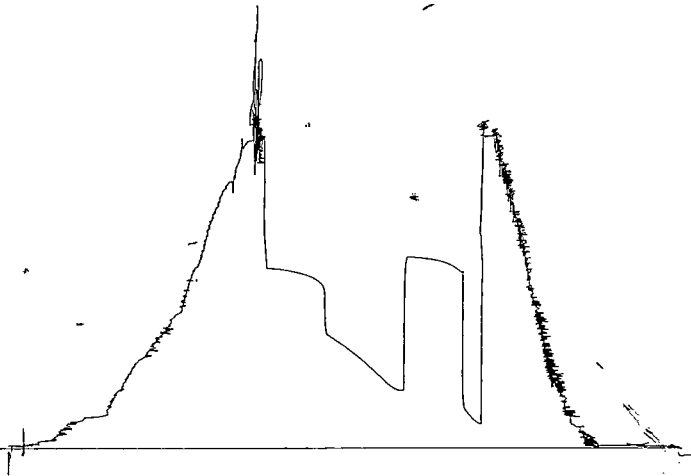


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TKT # 11149

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Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Big "J" Production, Inc. Lease & Well No. Standish #1
Elevation 1962 Kelly Bushing Formation Viola Effective Pay - Ft. Ticker No. 11150
Date 3/30/81 Sec. 8 Twp 22S Range 14W County Stafford State Kansas
Test Approved by James E Gribi Western Representative Dan Delaney
Formation Test No. 6 Interval Tested from 3773 ft. to 3801 ft. Total Depth 3801 ft.
Packer Depth 3773 ft. Size 6 5/8 in. Packer Depth -- ft. Size - in.
Packer Depth 3768 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3787 ft. Recorder Number 6234 Cap 4500
Bottom Recorder Depth (Outside) 3790 ft. Recorder Number 6077 Cap 4700
Below Straddle Recorder Depth - ft. Recorder Number - Cap -
Drilling Contractor Discovery Rig #1 Drill Collar Length 180 I. D. 2.2 in.
Mud Type Starch Viscosity 51 Weight Pipe Length - I. D. - in.
Weight 9.6 Water Loss 14.0 cc. Drill Pipe Length 3571 I. D. 3.8 in.
Chlorides 40,000 P.P.M. Test Tool Length 22 ft. Tool Size 4 1/2 in.
Jars: Make - Serial Number - Anchor Length 28 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4FH in.
Blow: Initial flow period weak blow died in 10 minutes. Final flow period no blow. Flushed tool - no help.
Recovered 5 ft. of drilling mud
Recovered - ft. of -
Recovered - ft. of -
Recovered - ft. of -
Recovered - ft. of -
Remarks: -
Time Set Packer(s) 7:40 A.M. Time Started Off Bottom 9:40 A.M. Maximum Temperature 109
Initial Hydrostatic Pressure - (A) 1937 P.S.I.
Initial Flow Period 15 Minutes (B) 55 P.S.I. to (C) 44 P.S.I.
Initial Closed In Period 45 Minutes (D) 1697* P.S.I.
Final Flow Period 15 Minutes (E) 67 P.S.I. to (F) 55 P.S.I.
Final Closed In Period 45 Minutes (G) 103 P.S.I.
Final Hydrostatic Pressure - (H) 1921 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 3/30/81 Recorder No. 6234 Capacity 4500 Test Ticket No. 11150
 Clock No. - Elevation 1962 Kelly Bushing Location 3787 Ft. 109
 Well Temperature 109 °F

Point	Pressure	Time Given	Time Computed
A. Initial Hydrostatic Mud	1937 P.S.I.	7:40P	M
B. First Initial Flow Pressure	55 P.S.I.	15 Mins	15 Mins.
C. First Final Flow Pressure	44 P.S.I.	45 Mins	45 Mins.
D. Initial Closed-in Pressure	1697* P.S.I.	15 Mins	15 Mins.
E. Second Initial Flow Pressure	67 P.S.I.	45 Mins	45 Mins.
F. Second Final Flow Pressure	55 P.S.I.	*Pressures questionable due to tool being picked up, too high.	
G. Final Closed-in Pressure	103 P.S.I.		
H. Final Hydrostatic Mud	1921 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>15</u> Inc.	
of <u>5</u> mins. and a final inc. of <u>0</u> Min.		of <u>3</u> mins. and a final inc. of <u>0</u> Min.		of <u>5</u> mins. and a final inc. of <u>0</u> Min.		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>55</u>	<u>0</u>	<u>44</u>	<u>0</u>	<u>67</u>	<u>0</u>	<u>55</u>
P 2 <u>5</u>	<u>41</u>	<u>3</u>	<u>1726*</u>	<u>5</u>	<u>73</u>	<u>3</u>	<u>55</u>
P 3 <u>10</u>	<u>41</u>	<u>6</u>	<u>1907*</u>	<u>10</u>	<u>57</u>	<u>6</u>	<u>57</u>
P 4 <u>15</u>	<u>44</u>	<u>9</u>	<u>1887*</u>	<u>15</u>	<u>55</u>	<u>9</u>	<u>60</u>
P 5		<u>12</u>	<u>1837*</u>			<u>12</u>	<u>61</u>
P 6		<u>15</u>	<u>1837*</u>			<u>15</u>	<u>63</u>
P 7		<u>18</u>	<u>1814*</u>			<u>18</u>	<u>67</u>
P 8		<u>21</u>	<u>1837*</u>			<u>21</u>	<u>69</u>
P 9		<u>24</u>	<u>1814*</u>			<u>24</u>	<u>72</u>
P10		<u>27</u>	<u>1787*</u>			<u>27</u>	<u>76</u>
P11		<u>30</u>	<u>1769*</u>			<u>30</u>	<u>79</u>
P12		<u>33</u>	<u>1754*</u>			<u>33</u>	<u>86</u>
P13		<u>36</u>	<u>1738*</u>			<u>36</u>	<u>92</u>
P14		<u>39</u>	<u>1722*</u>			<u>39</u>	<u>96</u>
P15		<u>42</u>	<u>1708*</u>			<u>42</u>	<u>100</u>
P16		<u>45</u>	<u>1697*</u>			<u>45</u>	<u>103</u>
P17							
P18							
P19							
P20							

IRT # 11150

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(A)

(D)

(G)

(F)

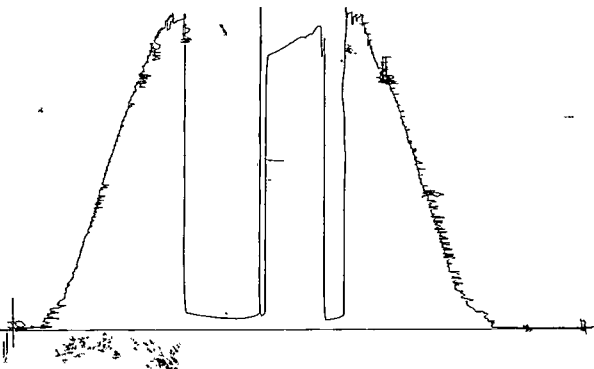
(E)

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TKT # 11150
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6077





Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

Company Big "J" Production, Inc. Lease & Well No. Standish #1
Elevation 1962 Kelly Bushing Formation Simpson Effective Pay - Ft. Ticket No. 11326
Date 3/31/81 Sec. 8 Twp. 22S Range 14W County Stafford State Kansas
Test Approved by James E Gribi Western Representative Dan Delaney
Formation Test No. 7 Interval Tested from 3832 ft. to 3868 ft. Total Depth 3868 ft.
Packer Depth 3832 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 3827 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3839 ft. Recorder Number 6234 Cap. 4500
Bottom Recorder Depth (Outside) 3842 ft. Recorder Number 6077 Cap. 4700
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Discovery Rig #1 Drill Collar Length 180 I. D. 2.2 in.
Mud Type Starch Viscosity 47 Weight Pipe Length - I. D. - in.
Weight 9.8 Water Loss 12.0 cc. Drill Pipe Length 3630 I. D. 3.8 in.
Chlorides 40,000 P.P.M. Test Tool Length 22 ft. Tool Size 4 1/2 in.
Jars: Make - Serial Number - Anchor Length 36 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4FH in.

Blow: Initial flow period weak blow increasing to a fair blow. Final flow period fair blow increasing to a good blow.

Recovered 100 ft. of Gas in pipe
Recovered 60 ft. of Oil & gas cut mud - 13% oil; 15% gas, 72% mud
Recovered 60 ft. of heavy oil & gas cut mud - 35% oil; 35% gas; 30% mud
Recovered 80 ft. of clean gassy oil
Recovered - ft. of -
Remarks: -

Time Set Packer(s) 11:00 A.M. Time Started Off Bottom 2:13 P.M. Maximum Temperature 109
Initial Hydrostatic Pressure - (A) 2018 P.S.I.
Initial Flow Period 15 Minutes (B) 57 P.S.I. to (C) 64 P.S.I.
Initial Closed In Period 45 Minutes (D) 140 P.S.I.
Final Flow Period 90 Minutes (E) 87 P.S.I. to (F) 122 P.S.I.
Final Closed In Period 45 Minutes (G) 142 P.S.I.
Final Hydrostatic Pressure - (H) 2002 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data *

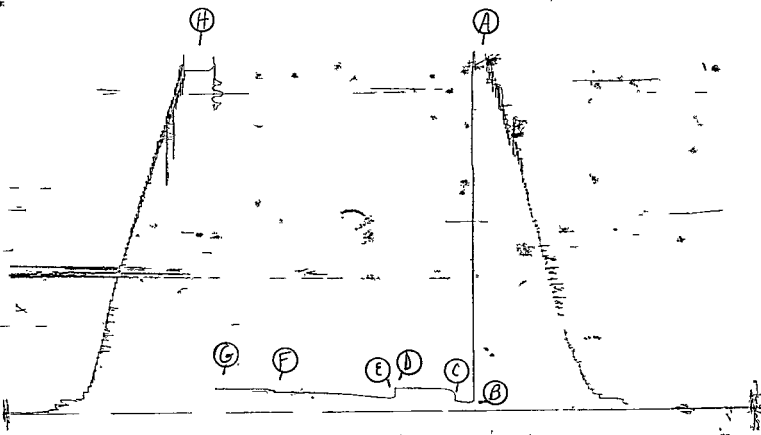
Date 3/31/81 Recorder No. 6234 Capacity 4500 Test Ticket No. 11326
 Clock No. - Elevation 1962 Kelly Bushing Location 3839 Ft. 109
 Well Temperature 109 °F

Point	Pressure	Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>2018</u> P.S.I.	<u>11:00P</u>	<u>M</u>
B First Initial Flow Pressure	<u>57</u> P.S.I.	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>64</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>140</u> P.S.I.	<u>90</u> Mins.	<u>90</u> Mins.
E Second Initial Flow Pressure	<u>87</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>122</u> P.S.I.		
G Final Closed-in Pressure	<u>142</u> P.S.I.		
H Final Hydrostatic Mud	<u>2002</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>15</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>15</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>57</u>	<u>0</u>	<u>64</u>	<u>0</u>	<u>87</u>	<u>0</u>	<u>122</u>
P 2 <u>5</u>	<u>55</u>	<u>3</u>	<u>124</u>	<u>5</u>	<u>86</u>	<u>3</u>	<u>133</u>
P 3 <u>10</u>	<u>57</u>	<u>6</u>	<u>131</u>	<u>10</u>	<u>86</u>	<u>6</u>	<u>138</u>
P 4 <u>15</u>	<u>64</u>	<u>9</u>	<u>134</u>	<u>15</u>	<u>92</u>	<u>9</u>	<u>140</u>
P 5		<u>12</u>	<u>137</u>	<u>20</u>	<u>95</u>	<u>12</u>	<u>141</u>
P 6		<u>15</u>	<u>138</u>	<u>25</u>	<u>99</u>	<u>15</u>	<u>142</u>
P 7		<u>18</u>	<u>138</u>	<u>30</u>	<u>103</u>	<u>18</u>	<u>142</u>
P 8		<u>21</u>	<u>139</u>	<u>35</u>	<u>107</u>	<u>21</u>	<u>142</u>
P 9		<u>24</u>	<u>139</u>	<u>40</u>	<u>110</u>	<u>24</u>	<u>142</u>
P10		<u>27</u>	<u>139</u>	<u>45</u>	<u>111</u>	<u>27</u>	<u>142</u>
P11		<u>30</u>	<u>140</u>	<u>50</u>	<u>112</u>	<u>30</u>	<u>142</u>
P12		<u>33</u>	<u>140</u>	<u>55</u>	<u>115</u>	<u>33</u>	<u>142</u>
P13		<u>36</u>	<u>140</u>	<u>60</u>	<u>117</u>	<u>36</u>	<u>142</u>
P14		<u>39</u>	<u>140</u>	<u>65</u>	<u>118</u>	<u>39</u>	<u>142</u>
P15		<u>42</u>	<u>140</u>	<u>70</u>	<u>118</u>	<u>42</u>	<u>142</u>
P16		<u>45</u>	<u>140</u>	<u>75</u>	<u>119</u>	<u>45</u>	<u>142</u>
P17				<u>80</u>	<u>120</u>		
P18				<u>85</u>	<u>121</u>		
P19				<u>90</u>	<u>122</u>		
P20							

TRT # 11326
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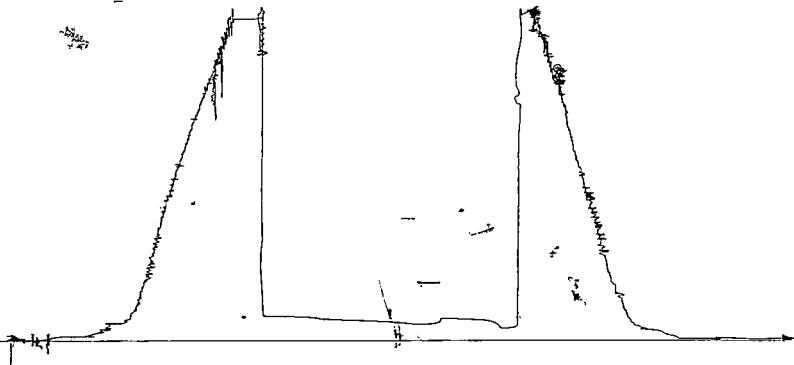


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TKT # 14326

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Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Big "J" Production, Inc. Lease & Well No. Standish #1
Elevation 1962 Kelly Bushing Formation Arbuckle Effective Pay - Ft. Ticket No. 11327
Date 4/2/81 Sec. 8 Twp. 22S Range 14W County Stafford State Kansas
Test Approved by James E Gribi Western Representative Dan Delaney
Formation Test No. 8 Interval Tested from 3862 ft. to 3900 ft. Total Depth 3900 ft.
Packer Depth 3862 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 3857 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3872 ft. Recorder Number 6234 Cap. 4500
Bottom Recorder Depth (Outside) 3875 ft. Recorder Number 6077 Cap. 4700
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Discovery Rig #1 Drill Collar Length 180 I. D. 2.2 in.
Mud Type Starch Viscosity 47 Weight Pipe Length - I. D. - in.
Weight 9.9 Water Loss 14.0 cc. Drill Pipe Length 3660 I. D. 3.8 in.
Chlorides 40,000 P.P.M. Test Tool Length 22 ft. Tool Size 4 1/2 in.
Jars: Make - Serial Number - Anchor Length 38 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4FH in.

Blow: Weak blow increasing to a good blow throughout test.

Recovered 180 ft. of muddy water

Recovered 240 ft. of water

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: -

Time Set Packer(s) 1:20 A.M. Time Started Off Bottom 4:05 A.M. Maximum Temperature 113
Initial Hydrostatic Pressure 2054 P.S.I.
Initial Flow Period 15 Minutes (B) 78 P.S.I. to (C) 123 P.S.I.
Initial Closed In Period 45 Minutes (D) 1281 P.S.I.
Final Flow Period 60 Minutes (E) 165 P.S.I. to (F) 259 P.S.I.
Final Closed In Period 45 Minutes (G) 1241 P.S.I.
Final Hydrostatic Pressure 2034 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 4/2/81 Recorder No. 6234 Capacity 4500 Test Ticket No. 11327
 Location 3872 Ft. 113
 Clock No. - Elevation 1962 Kelly Bushing Well Temperature 113 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2054 P.S.I.	1:20A	M
B First Initial Flow Pressure	78 P.S.I.	15 Mins.	15 Mins.
C First Final Flow Pressure	123 P.S.I.	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1281 P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	165 P.S.I.	45 Mins.	45 Mins.
F Second Final Flow Pressure	259 P.S.I.		
G Final Closed-in Pressure	1241 P.S.I.		
H Final Hydrostatic Mud	2034 P.S.I.		

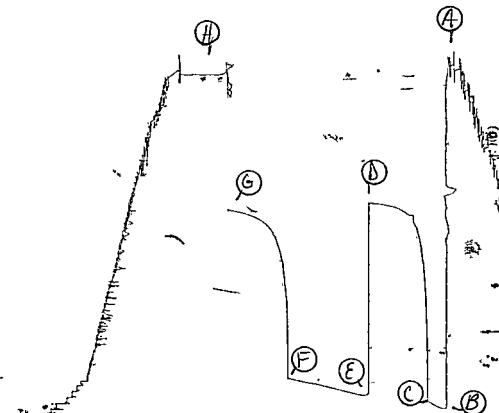
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>15</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 0	78	0	123	0	165	0	259
P 2 5	85	3	856	5	161	3	804
P 3 10	103	6	1041	10	170	6	968
P 4 15	123	9	1131	15	179	9	1048
P 5		12	1206	20	188	12	1097
P 6		15	1210	25	197	15	1136
P 7		18	1229	30	209	18	1158
P 8		21	1242	35	218	21	1179
P 9		24	1253	40	227	24	1192
P10		27	1260	45	234	27	1201
P11		30	1266	50	243	30	1213
P12		33	1269	55	252	33	1218
P13		36	1274	60	259	36	1226
P14		39	1278			39	1232
P15		42	1280			42	1237
P16		45	1281			45	1241
P17							
P18							
P19							
P20							

TRF # 11,327

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TKT. # 11327.

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