

Texas Oil & Gas Corporation

Jones "P" #1

Company _____ Lease & Well No. _____

Elevation 1887 Kelly Bushing Mississippi Formation Mississippi Effective Pay --- Ft. Ticket No. 4065Date 11/11/79 Sec. 13 Twp. 28S Range 13W County Pratt State KansasTest Approved by G. W. Hicks Western Representative Rod TrittFormation Test No. 1 Interval Tested from 4322 ft. to 4345 ft. Total Depth 4345 ft.Packer Depth 4317 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.Packer Depth 4322 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.Depth of Selective Zone Set -Top Recorder Depth (Inside) 4326 ft. Recorder Number 2606 Cap. 4150Bottom Recorder Depth (Outside) 4329 ft. Recorder Number 6074 Cap. 5200Below Straddle Recorder Depth - ft. Recorder Number - Cap. -Drilling Contractor H-30, Inc. Rig # 5 Drill Collar Length 214 I. D. 2 1/4 in.Mud Type drispac Viscosity 42 Weight Pipe Length - I. D. - in.Weight 9.2 Water Loss 32.4 cc. Drill Pipe Length 4081 I. D. 3.8 in.Chlorides 18,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 OD in.Jars: Make WTC Serial Number 407 Anchor Length 23 ft. Size 5 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 FH in.Blow: Strong blow throughout test. No gas to surface.Recovered 150 ft. of heavy oil and gas cut mudRecovered 62 ft. of free oil (gassy)Recovered - ft. of (not enough water to check chlorides)Recovered 4000 ft. of gas in pipeRecovered - ft. of -Remarks: Hit several tight spots going into hole.Time Set Packer(s) 6:45 - A.M. P.M. Time Started Off Bottom 10:30 A.M. P.M. Maximum Temperature 124°Initial Hydrostatic Pressure (A) 2148 P.S.I.Initial Flow Period Minutes 30 (B) 50 P.S.I. to (C) 50 P.S.I.Initial Closed In Period Minutes 60 (D) 1302 P.S.I.Final Flow Period Minutes 45 (E) 98 P.S.I. to (F) 96 P.S.I.Final Closed In Period Minutes 105 (G) 1360 P.S.I.Final Hydrostatic Pressure (H) 2109 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

11/11/79

4065

Date

Test Ticket No.

Recorder No. 2606

Capacity 4150

Location 4326 Ft.

Clock No. --- Elevation 1887 Kelly Bushing

Well Temperature 124 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2148 P.S.I.	6:45P	M
B First Initial Flow Pressure	50 P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	50 P.S.I.	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1302 P.S.I.	45 Mins.	45 Mins.
E Second Initial Flow Pressure	98 P.S.I.	90 Mins.	105 Mins.
F Second Final Flow Pressure	96 P.S.I.		
G Final Closed-in Pressure	1360 P.S.I.		
H Final Hydrostatic Mud	2109 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 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: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 35 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 0	50	0	50	0	98	0	96
P 2 5	50	3	50	5	98	3	96
P 3 10	50	6	53	10	96	6	97
P 4 15	50	9	104	15	96	9	106
P 5 20	50	12	175	20	96	12	144
P 6 25	50	15	256	25	96	15	208
P 7 30	50	18	345	30	96	18	275
P 8		21	444	35	96	21	345
P 9		24	564	40	96	24	425
P10		27	690	45	96	27	490
P11		30	809			30	571
P12		33	904			33	655
P13		36	990			36	736
P14		39	1054			39	813
P15		42	1108			42	889
P16		45	1149			45	954
P17		48	1190			48	1008
P18		51	1219			51	1054
P19		54	1271			54	1095
P20		57	1290			57	1126
		60	1302			60	1159

WESTERN TESTING CO., INC.

Pressure Data

11/11/79

4065

Date 11/11/79

Test Ticket No. 4065

Recorder No. 2606

Capacity 4150

Location 4326 Ft.

Clock No. --- Elevation 1887 Kelly Bushing

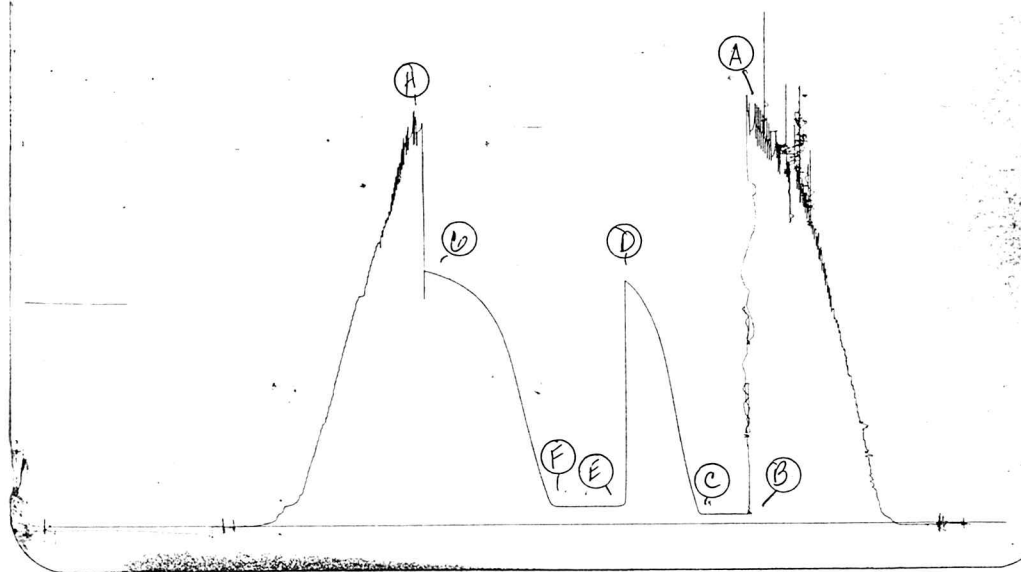
Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2148 P.S.I.	Open Tool	6:45P	M
B First Initial Flow Pressure	50 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	50 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1302 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	98 P.S.I.	Final Closed-in Pressure	90 Mins.	105 Mins.
F Second Final Flow Pressure	96 P.S.I.			
G Final Closed-in Pressure	1360 P.S.I.			
H Final Hydrostatic Mud	2109 P.S.I.			

PRESSURE BREAKDOWN

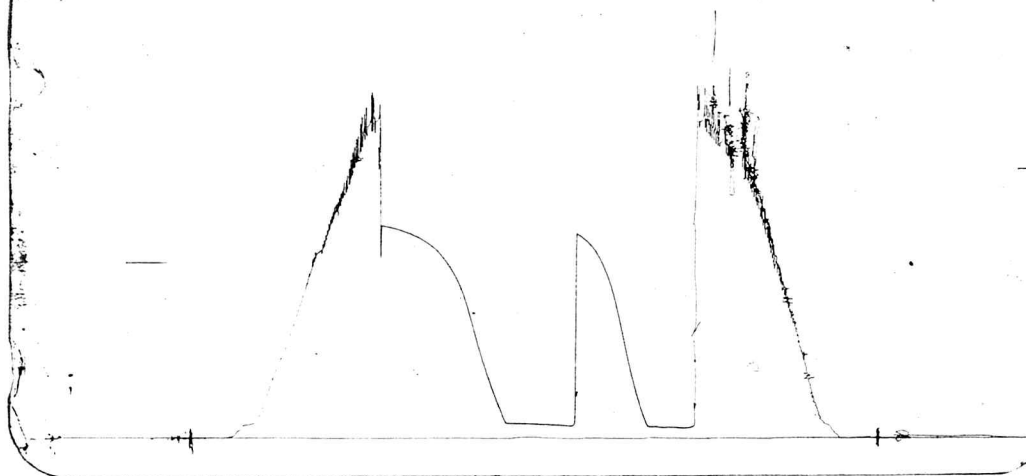
First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 6 Inc.		Breakdown: 20 Inc.		Breakdown: 9 Inc.		Breakdown: 35 Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	1186
P 2						66	1211
P 3						69	1232
P 4						72	1248
P 5						75	1265
P 6						78	1277
P 7						81	1292
P 8						84	1302
P 9						87	1311
P10						90	1321
P11						93	1329
P12						96	1340
P13						99	1346
P14						102	1351
P15						105	1360
P16							
P17							
P18							
P19							
P20							

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TKL #4065
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Company Texas Oil & Gas Corporation Lease & Well No. Jones "P" #1
Elevation 1887 Kelly Bushing Mississippi Effective Pay --- Ft. Ticket No. 4353
Date 11/12/79 Sec. 13 Twp. 28S Range 13W County Pratt State Kansas
Test Approved by F. A. Waymire Western Representative Mike Tritt-Bill Hager

Formation Test No. 2 Interval Tested from 4366 ft. to 4400 ft. Total Depth 4400 ft.

Packer Depth 4361 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4366 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4391 ft. Recorder Number 3354 Cap. 4200

Bottom Recorder Depth (Outside) 4394 ft. Recorder Number 2605 Cap. 4150

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

Drilling Contractor H-30, Inc. Rig # 5 Drill Collar Length 214 I. D. 2 1/4 in.

Mud Type premix, drispac Viscosity 38 Weight Pipe Length - I. D. - in.

Weight 9.1 Water Loss 38.8 cc. Drill Pipe Length 4122 I. D. 3.8 in.

Chlorides 12,000 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 OD in.

Jars: Make WTC Serial Number 404 Anchor Length 34 ft. Size 5 1/2 OD 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 FH in.

Blow: Weak blow throughout first opening. Weak blow for forty minutes, then died on second opening.

Recovered 10 ft. of drilling mud

Recovered 120 ft. of muddy water

Recovered - ft. of TIGHT HOLE

Recovered - ft. of Chlorides Top: 20,000 ppm

Recovered - ft. of Middle : 41,000 ppm

Remarks: Bottom: 62,000 ppm

Time Set Packer(s) 12:47 A.M. P.M. Time Started Off Bottom 5:02 A.M. P.M. Maximum Temperature 124°

Initial Hydrostatic Pressure (A) 2136 P.S.I.

Initial Flow Period Minutes 30 (B) 65 P.S.I. to (C) 84 P.S.I.

Initial Closed In Period Minutes 60 (D) 1485 P.S.I.

Final Flow Period Minutes 45 (E) 95 P.S.I. to (F) 124 P.S.I.

Final Closed In Period Minutes 120 (G) 1487 P.S.I.

Final Hydrostatic Pressure (H) 2125 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 11/12/79 Test Ticket No. 4353
 Recorder No. 3354 Capacity 4200 Location 4391 Ft.
 Clock No. --- Elevation 1887 Kelly Bushing Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2136	P.S.I.	12:47	M
B First Initial Flow Pressure	64	P.S.I.	30	Mins.
C First Final Flow Pressure	84	P.S.I.	60	Mins.
D Initial Closed-in Pressure	1485	P.S.I.	45	Mins.
E Second Initial Flow Pressure	95	P.S.I.	120	Mins.
F Second Final Flow Pressure	124	P.S.I.		
G Final Closed-in Pressure	1487	P.S.I.		
H Final Hydrostatic Mud	2125	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>40</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>65</u>	<u>0</u>	<u>84</u>	<u>0</u>	<u>95</u>	<u>0</u>	<u>124</u>
P 2 <u>5</u>	<u>65</u>	<u>3</u>	<u>447</u>	<u>5</u>	<u>97</u>	<u>3</u>	<u>498</u>
P 3 <u>10</u>	<u>66</u>	<u>6</u>	<u>903</u>	<u>10</u>	<u>101</u>	<u>6</u>	<u>869</u>
P 4 <u>15</u>	<u>72</u>	<u>9</u>	<u>1139</u>	<u>15</u>	<u>107</u>	<u>9</u>	<u>1099</u>
P 5 <u>20</u>	<u>76</u>	<u>12</u>	<u>1276</u>	<u>20</u>	<u>111</u>	<u>12</u>	<u>1240</u>
P 6 <u>25</u>	<u>80</u>	<u>15</u>	<u>1348</u>	<u>25</u>	<u>114</u>	<u>15</u>	<u>1319</u>
P 7 <u>30</u>	<u>84</u>	<u>18</u>	<u>1392</u>	<u>30</u>	<u>116</u>	<u>18</u>	<u>1367</u>
P 8		<u>21</u>	<u>1418</u>	<u>35</u>	<u>118</u>	<u>21</u>	<u>1399</u>
P 9		<u>24</u>	<u>1437</u>	<u>40</u>	<u>121</u>	<u>24</u>	<u>1424</u>
P10		<u>27</u>	<u>1451</u>	<u>45</u>	<u>124</u>	<u>27</u>	<u>1437</u>
P11		<u>30</u>	<u>1454</u>			<u>30</u>	<u>1449</u>
P12		<u>33</u>	<u>1463</u>			<u>33</u>	<u>1456</u>
P13		<u>36</u>	<u>1469</u>			<u>36</u>	<u>1461</u>
P14		<u>39</u>	<u>1475</u>			<u>39</u>	<u>1464</u>
P15		<u>42</u>	<u>1478</u>			<u>42</u>	<u>1468</u>
P16		<u>45</u>	<u>1479</u>			<u>45</u>	<u>1472</u>
P17		<u>48</u>	<u>1480</u>			<u>48</u>	<u>1474</u>
P18		<u>51</u>	<u>1481</u>			<u>51</u>	<u>1476</u>
P19		<u>54</u>	<u>1482</u>			<u>54</u>	<u>1479</u>
P20		<u>57</u>	<u>1483</u>			<u>57</u>	<u>1481</u>
		<u>60</u>	<u>1485</u>			<u>60</u>	<u>1482</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 11/12/79 Test Ticket No. 4353
 Recorder No. 3354 Capacity 4200 Location 4391 Ft.
 Clock No. --- Elevation 1887 Kelly Bushing Well Temperature 124 °F

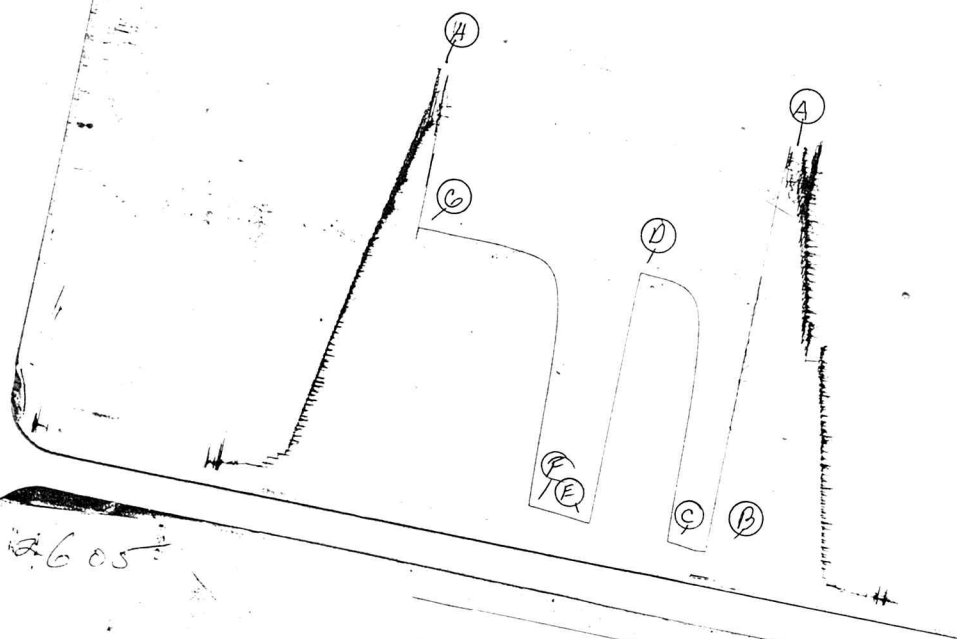
Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2136 P.S.I.	12:47 M	
B First Initial Flow Pressure	64 P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	84 P.S.I.	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1485 P.S.I.	45 Mins.	45 Mins.
E Second Initial Flow Pressure	95 P.S.I.	120 Mins.	120 Mins.
F Second Final Flow Pressure	124 P.S.I.		
G Final Closed-in Pressure	1487 P.S.I.		
H Final Hydrostatic Mud	2125 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>40</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						63	1483
P 2						66	1484
P 3						69	1485
P 4						72	1485
P 5						75	1485
P 6						78	1485
P 7						81	1485
P 8						84	1485
P 9						87	1485
P10						90	1485
P11						93	1485
P12						96	1486
P13						99	1486
P14						102	1487
P15						105	1487
P16						108	1487
P17						111	1487
P18						114	1487
P19						117	1487
P20						120	1487

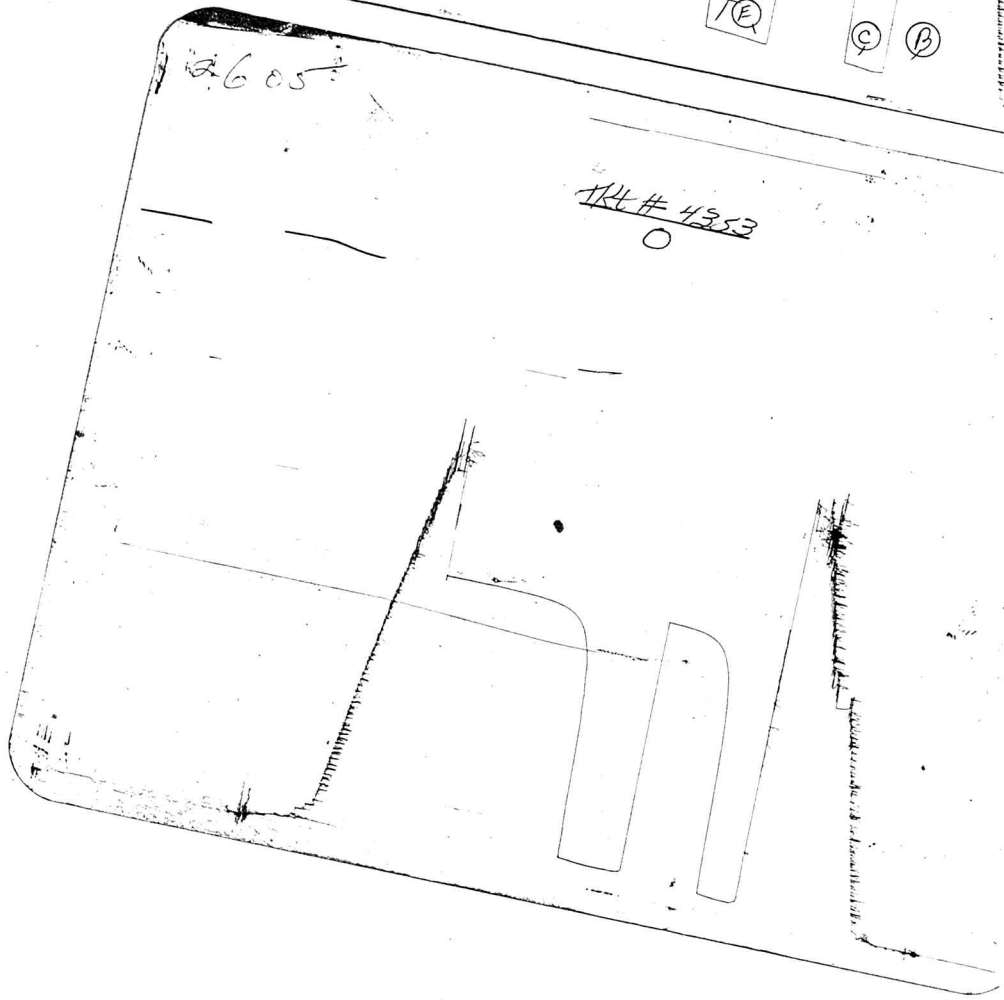
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TKL # 4353
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2605

TKL # 4353
O



Company Texas Oil & Gas Corporation Lease & Well No. Jones "P" #1
Elevation 1887 Kelly Bushing Formation Viola Effective Pay --- Ft. Ticket No. 4354
Date 11/13/79 Sec. 13 Twp. 28S Range 13W County Pratt State Kansas
Test Approved by F. A. Waymire Western Representative Mike Tritt-Bill Hager

Formation Test No. 3 Interval Tested from 4428 ft. to 4446 ft. Total Depth 4446 ft.

Packer Depth 4423 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4428 ft. Size 6 3/4 in. Packer Depth = ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4438 ft. Recorder Number 3354 Cap. 4200

Bottom Recorder Depth (Outside) 4441 ft. Recorder Number 2605 Cap. 4150

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

Drilling Contractor H-30, Inc. Rig # 5 Drill Collar Length 214 I. D. 2 1/4 in.

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

Weight 9.2 Water Loss 38.8 cc. Drill Pipe Length 4184 I. D. 3.8 in.

Chlorides 12,000 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 OD in.

Jars: Make WTC Serial Number 404 Anchor Length 18 ft. Size 5 1/2 OD 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 FH in.

Blow: Weak blow for twenty-five minutes, then died.

Recovered 50 ft. of drilling mud

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: Picked up to high on initial shut-in, trapped hydrostatic, could not rotate tool, had
to pick up. Opened tool for second flow period; flushed tool, few bubbles.

Time Set Packer(s) 8:30 A.M. P.M. Time Started Off Bottom 10:15 A.M. P.M. Maximum Temperature 124⁰

Initial Hydrostatic Pressure (A) 2193 P.S.I.

Initial Flow Period Minutes 35 (B) 57 P.S.I. to (C) 68 P.S.I.

Initial Closed In Period Minutes 72 (D) 1616 P.S.I.

Final Flow Period Minutes 5- (E) 76 P.S.I. to (F) 76 P.S.I.

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

Final Hydrostatic Pressure (H) 2154 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 11/13/79 Test Ticket No. 4354
 Recorder No. 3354 Capacity 4200 Location 4438 Ft.
 Clock No. --- Elevation 1887 Kelly Bushing Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2193 P.S.I.	Open Tool	8:30	M
B First Initial Flow Pressure	57 P.S.I.	First Flow Pressure	30	Mins. 35 Mins.
C First Final Flow Pressure	68 P.S.I.	Initial Closed-in Pressure	60	Mins. 72 Mins.
D Initial Closed-in Pressure	1616 P.S.I.	Second Flow Pressure	5	Mins. 5 Mins.
E Second Initial Flow Pressure	76 P.S.I.	Final Closed-in Pressure	--	Mins. -- Mins.
F Second Final Flow Pressure	76 P.S.I.			
G Final Closed-in Pressure	-- P.S.I.			
H Final Hydrostatic Mud	2154 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>7</u> Inc.		Breakdown: <u>24</u> Inc.		Breakdown: <u>7</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>57</u>	<u>0</u>	<u>68</u>	<u>0</u>	<u>76</u>		
P 2 <u>5</u>	<u>60</u>	<u>3</u>	<u>1076</u>	<u>5</u>	<u>76</u>		
P 3 <u>10</u>	<u>60</u>	<u>6</u>	<u>flushed tool</u>				
P 4 <u>15</u>	<u>60</u>	<u>9</u>	<u>1566</u>				
P 5 <u>20</u>	<u>60</u>	<u>12</u>	<u>1553</u>				
P 6 <u>25</u>	<u>84</u>	<u>15</u>	<u>1559</u>				
P 7 <u>30</u>	<u>79</u>	<u>18</u>	<u>1572</u>				
P 8 <u>35</u>	<u>68</u>	<u>21</u>	<u>1583</u>				
P 9		<u>24</u>	<u>1589</u>				
P10		<u>27</u>	<u>1593</u>				
P11		<u>39</u>	<u>1595</u>				
P12		<u>33</u>	<u>1599</u>				
P13		<u>36</u>	<u>1602</u>				
P14		<u>39</u>	<u>1604</u>				
P15		<u>42</u>	<u>1606</u>				
P16		<u>45</u>	<u>1607</u>				
P17		<u>48</u>	<u>1609</u>				
P18		<u>51</u>	<u>1611</u>				
P19		<u>54</u>	<u>1612</u>				
P20		<u>57</u>	<u>1613</u>				
		<u>60</u>	<u>1614</u>				

WESTERN TESTING CO., INC.

Pressure Data

Date 11/13/79 Test Ticket No. 4354
 Recorder No. 3354 Capacity 4200 Location 4438 Ft.
 Clock No. --- Elevation 1887 Kelly Bushing Well Temperature 124 °F

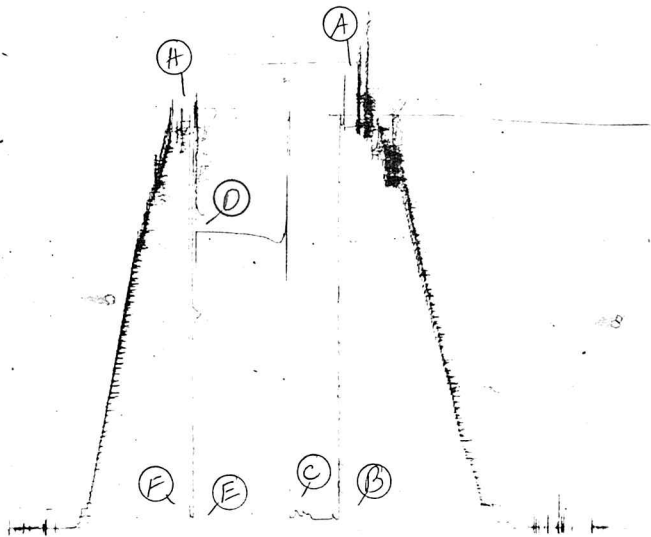
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2193 P.S.I.	Open Tool	8:30	M
B First Initial Flow Pressure	57 P.S.I.	First Flow Pressure	30 Mins.	35 Mins.
C First Final Flow Pressure	68 P.S.I.	Initial Closed-in Pressure	60 Mins.	72 Mins.
D Initial Closed-in Pressure	1616 P.S.I.	Second Flow Pressure	5 Mins.	5 Mins.
E Second Initial Flow Pressure	76 P.S.I.	Final Closed-in Pressure	-- Mins.	-- Mins.
F Second Final Flow Pressure	76 P.S.I.			
G Final Closed-in Pressure	-- P.S.I.			
H Final Hydrostatic Mud	2154 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>7</u> Inc.		Breakdown: <u>24</u> Inc.		Breakdown: <u>7</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		63	1615				
P 2		66	1615				
P 3		69	1616				
P 4		72	1616				
P 5							
P 6							
P 7							
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

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TKA # 4354
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TH # 4354

