



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

Company Texas Energies, Inc. Lease & Well No. Newby #1-10
Elevation 2060 Ground Level Formation Landgon Sand Effective Pay --- Ft. Ticket No. 4444
Date 12/2/79 Sec. 10 Twp. 27S Range 15W County Pratt State Kansas
Test Approved by Toby Elster Western Representative Dave Sloan
Formation Test No. 1 Interval Tested from 3040 ft. to 3111 ft. Total Depth 3111 ft.
Packer Depth 3035 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 3040 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3067 ft. Recorder Number 2604 Cap. 4150
Bottom Recorder Depth (Outside) 3070 ft. Recorder Number 6246 Cap. 5200
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Gabbert-Jones Drilling Rig #6 Drill Collar Length 426 I. D. 2.2 in.
Mud Type premix Viscosity 32 Weight Pipe Length - I. D. - in.
Weight 9.1 Water Loss 64 cc. Drill Pipe Length 2594 I. D. 3.8 in.
Chlorides 44,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
Jars: Make -- Serial Number --- Anchor Length 30' D.C. 71 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, dying ten minutes in initial flow period.

Recovered 80 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Slid tool fifteen feet to bottom after tool opened.

Time Set Packer(s) 1:15 ~~AM~~ P.M. Time Started Off Bottom 2:15 ~~AM~~ P.M. Maximum Temperature 102⁰
Initial Hydrostatic Pressure (A) 1544 P.S.I.
Initial Flow Period Minutes 15 (B) 96 P.S.I. to (C) 81 P.S.I.
Initial Closed In Period Minutes 15 (D) 885 P.S.I.
Final Flow Period Minutes 15 (E) 107 P.S.I. to (F) 85 P.S.I.
Final Closed In Period Minutes 15 (G) 853 P.S.I.
Final Hydrostatic Pressure (H) 1521 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 12/2/79 Test Ticket No. 4444
Recorder No. 2604 Capacity 4150 Location 3067 Ft.
Clock No. --- Elevation 2060 Ground Level Well Temperature 102 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1544</u> P.S.I.	Open Tool	<u>1:15P</u> M	
B First Initial Flow Pressure	<u>96</u> P.S.I.	First Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>81</u> P.S.I.	Initial Closed-in Pressure	<u>15</u> Mins.	<u>15</u> Mins.
D Initial Closed-in Pressure	<u>885</u> P.S.I.	Second Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
E Second Initial Flow Pressure	<u>107</u> P.S.I.	Final Closed-in Pressure	<u>15</u> Mins.	<u>15</u> Mins.
F Second Final Flow Pressure	<u>85</u> P.S.I.			
G Final Closed-in Pressure	<u>853</u> P.S.I.			
H Final Hydrostatic Mud	<u>1521</u> P.S.I.			

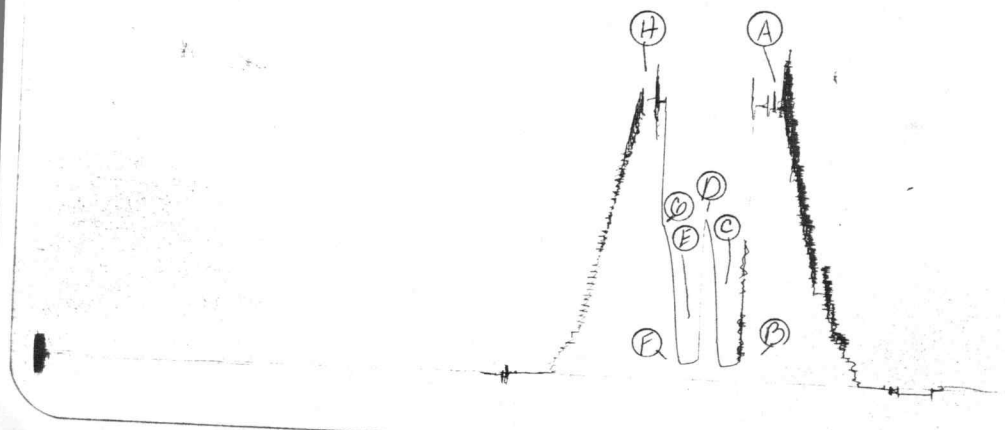
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>5</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>5</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>96</u>	<u>0</u>	<u>81</u>	<u>0</u>	<u>107</u>	<u>0</u>	<u>85</u>
P 2 <u>5</u>	<u>92</u>	<u>3</u>	<u>192</u>	<u>5</u>	<u>96</u>	<u>3</u>	<u>228</u>
P 3 <u>10</u>	<u>83</u>	<u>6</u>	<u>513</u>	<u>10</u>	<u>87</u>	<u>6</u>	<u>513</u>
P 4 <u>15</u>	<u>81</u>	<u>9</u>	<u>701</u>	<u>15</u>	<u>85</u>	<u>9</u>	<u>671</u>
P 5		<u>12</u>	<u>818</u>			<u>12</u>	<u>770</u>
P 6		<u>15</u>	<u>885</u>			<u>15</u>	<u>853</u>
P 7							
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

2608

NEWBY 1/10 2011

TRK #4444
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Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Texas Energies, Inc. Lease & Well No. Newby #1-10
Elevation 2060 Ground Level Formation Mississippi Effective Pay ---- Ft. Ticket No. 4366
Date 12/5/79 Sec. 10 Twp. 27S Range 15W County Pratt State Kansas
Test Approved by Toby Elster Western Representative Mike Tritt

Formation Test No. 2 Interval Tested from 4417 ft. to 4449 ft. Total Depth 4449 ft.
Packer Depth 4412 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4417 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4419 ft. Recorder Number 2354 Cap. 4200
Bottom Recorder Depth (Outside) 4422 ft. Recorder Number 2605 Cap. 4150
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Gabbert-Jones Drilling Rig #6 Drill Collar Length 152 I. D. 2 1/4 in.
Mud Type MonPac Viscosity 42 Weight Pipe Length - I. D. - in.
Weight 9.1 Water Loss 9.6 cc. Drill Pipe Length 4245 I. D. 3.8 in.
Chlorides 18,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
Jars: Make -- Serial Number -- Anchor Length 32 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: Very weak blow, dying in one minute on initial flow. Weak blow dying in two minutes on final flow.

Recovered 45 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Flushed tool two times.

Time Set Packer(s) 11:15 A.M. Time Started Off Bottom 2:00 A.M. Maximum Temperature 125⁰
=P.M. =P.M.
Initial Hydrostatic Pressure 2186 P.S.I. (A)
Initial Flow Period 30 Minutes (B) 42 P.S.I. to (C) 42 P.S.I.
Initial Closed In Period 51 Minutes (D) 84 P.S.I.
Final Flow Period 45 Minutes (E) 48 P.S.I. to (F) 48 P.S.I.
Final Closed In Period 45 Minutes (G) 74 P.S.I.
Final Hydrostatic Pressure 2144 P.S.I. (H)

WESTERN TESTING CO., INC.
Pressure Data

Date 12/5/79 Test Ticket No. 4366
Recorder No. 3354 Capacity 4200 Location 4417 Ft.
Clock No. ---- Elevation 2060 Ground Level Well Temperature 125 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2186	P.S.I.	11:15A	M
B First Initial Flow Pressure	42	P.S.I.	30	Mins.
C First Final Flow Pressure	42	P.S.I.	45	Mins.
D Initial Closed-in Pressure	84	P.S.I.	45	Mins.
E Second Initial Flow Pressure	48	P.S.I.	45	Mins.
F Second Final Flow Pressure	48	P.S.I.		
G Final Closed-in Pressure	74	P.S.I.		
H Final Hydrostatic Mud	2144	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>17</u> Inc.		Breakdown: <u>9</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>42</u>	<u>0</u>	<u>42</u>	<u>0</u>	<u>48</u>	<u>0</u>	<u>48</u>
P 2 <u>5</u>	<u>40</u>	<u>3</u>	<u>42</u>	<u>5</u>	<u>48</u>	<u>3</u>	<u>49</u>
P 3 <u>10</u>	<u>38</u>	<u>6</u>	<u>42</u>	<u>10</u>	<u>48</u>	<u>6</u>	<u>50</u>
P 4 <u>15</u>	<u>38</u>	<u>9</u>	<u>42</u>	<u>15</u>	<u>48</u>	<u>9</u>	<u>51</u>
P 5 <u>20</u>	<u>40</u>	<u>12</u>	<u>46</u>	<u>20</u>	<u>48</u>	<u>21</u>	<u>53</u>
P 6 <u>25</u>	<u>41</u>	<u>15</u>	<u>49</u>	<u>25</u>	<u>48</u>	<u>15</u>	<u>55</u>
P 7 <u>30</u>	<u>42</u>	<u>18</u>	<u>53</u>	<u>30</u>	<u>48</u>	<u>18</u>	<u>57</u>
P 8		<u>21</u>	<u>55</u>	<u>35</u>	<u>48</u>	<u>21</u>	<u>59</u>
P 9		<u>24</u>	<u>58</u>	<u>40</u>	<u>48</u>	<u>24</u>	<u>61</u>
P10		<u>27</u>	<u>60</u>	<u>45</u>	<u>48</u>	<u>27</u>	<u>63</u>
P11		<u>30</u>	<u>62</u>			<u>30</u>	<u>65</u>
P12		<u>33</u>	<u>65</u>			<u>33</u>	<u>67</u>
P13		<u>36</u>	<u>70</u>			<u>36</u>	<u>68</u>
P14		<u>39</u>	<u>75</u>			<u>39</u>	<u>70</u>
P15		<u>42</u>	<u>78</u>			<u>42</u>	<u>72</u>
P16		<u>45</u>	<u>80</u>			<u>45</u>	<u>74</u>
P17		<u>48</u>	<u>82</u>				
P18		<u>51</u>	<u>84</u>				
P19							
P20							

3259 201-1-25

TKL # 4366
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(H)

(A)

(B)

(F)

(E)

(D)

(C)

(B)



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Company Texas Energies, Inc. Lease & Well No. Newby #1-10
Elevation 2060 Ground Level Mississippi Effective Pay ---- Ft. Ticket No. 4367
Date 12/6/79 Sec. 10 Twp. 27S Range 15W County Pratt State Kansas
Test Approved by Toby Elster Western Representative Mike Tritt
Formation Test No. 3 Interval Tested from 4432 ft. to 4480 ft. Total Depth 4480 ft.
Packer Depth 4427 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4432 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4434 ft. Recorder Number 3354 Cap. 4200
Bottom Recorder Depth (Outside) 4437 ft. Recorder Number 2605 Cap. 4150
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Gabbert-Jones Rig #6 Drill Collar Length 152 I. D. 2 1/4 in.
Mud Type Mon-Pac Viscosity 48 Weight Pipe Length - I. D. - in.
Weight 9.2 Water Loss 11.6 cc. Drill Pipe Length 4260 I. D. 3.8 in.
Chlorides 18,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
Jars: Make No Serial Number - Anchor Length 48 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: Very weak dying out on first flow; flushed tool, had weak blow. Strong blow decreasing to good.

Recovered 150 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Flushed tool one time.

Time Set Packer(s) 1:20 A.M. Time Started Off Bottom 6:20 A.M. Maximum Temperature 126⁰
Initial Hydrostatic Pressure 2192 P.S.I.
Initial Flow Period 60 Minutes (B) 74 P.S.I. to (C) 89 P.S.I.
Initial Closed In Period 57 Minutes (D) 512 P.S.I.
Final Flow Period 90 Minutes (E) 63 P.S.I. to (F) 85 P.S.I.
Final Closed In Period 90 Minutes (G) 717 P.S.I.
Final Hydrostatic Pressure 2173 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12/6/79

Test Ticket No. 4367

Recorder No. 3354

Capacity 4200

Location 4434 Ft.

Clock No. --- Elevation 2060 Ground Level

Well Temperature 126 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2192	P.S.I.	1:20P, M	
B First Initial Flow Pressure	73	P.S.I.	60 Mins.	60 Mins.
C First Final Flow Pressure	89	P.S.I.	60 Mins.	57 Mins.
D Initial Closed-in Pressure	512	P.S.I.	90 Mins.	90 Mins.
E Second Initial Flow Pressure	63	P.S.I.	90 Mins.	90 Mins.
F Second Final Flow Pressure	85	P.S.I.		
G Final Closed-in Pressure	717	P.S.I.		
H Final Hydrostatic Mud	2173	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>30</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>74</u>	<u>0</u>	<u>89</u>	<u>0</u>	<u>63</u>	<u>0</u>	<u>85</u>
P 2 <u>5</u>	<u>59</u>	<u>3</u>	<u>102</u>	<u>5</u>	<u>78</u>	<u>3</u>	<u>112</u>
P 3 <u>10</u>	<u>61</u>	<u>6</u>	<u>127</u>	<u>10</u>	<u>78</u>	<u>6</u>	<u>141</u>
P 4 <u>15</u>	<u>65</u>	<u>9</u>	<u>152</u>	<u>15</u>	<u>78</u>	<u>9</u>	<u>166</u>
P 5 <u>20</u>	<u>65</u>	<u>12</u>	<u>177</u>	<u>20</u>	<u>78</u>	<u>12</u>	<u>192</u>
P 6 <u>25</u> Flushed tool		<u>15</u>	<u>198</u>	<u>25</u>	<u>78</u>	<u>15</u>	<u>217</u>
P 7 <u>30</u>	<u>93</u>	<u>18</u>	<u>224</u>	<u>30</u>	<u>79</u>	<u>18</u>	<u>242</u>
P 8 <u>35</u>	<u>97</u>	<u>21</u>	<u>245</u>	<u>35</u>	<u>80</u>	<u>21</u>	<u>266</u>
P 9 <u>40</u>	<u>89</u>	<u>24</u>	<u>266</u>	<u>40</u>	<u>82</u>	<u>24</u>	<u>287</u>
P10 <u>45</u>	<u>84</u>	<u>27</u>	<u>287</u>	<u>45</u>	<u>84</u>	<u>27</u>	<u>316</u>
P11 <u>50</u>	<u>84</u>	<u>30</u>	<u>312</u>	<u>50</u>	<u>84</u>	<u>30</u>	<u>338</u>
P12 <u>55</u>	<u>87</u>	<u>33</u>	<u>334</u>	<u>55</u>	<u>84</u>	<u>33</u>	<u>361</u>
P13 <u>60</u>	<u>89</u>	<u>36</u>	<u>354</u>	<u>60</u>	<u>84</u>	<u>36</u>	<u>384</u>
P14		<u>39</u>	<u>378</u>	<u>65</u>	<u>84</u>	<u>39</u>	<u>409</u>
P15		<u>42</u>	<u>399</u>	<u>70</u>	<u>84</u>	<u>42</u>	<u>426</u>
P16		<u>45</u>	<u>419</u>	<u>75</u>	<u>84</u>	<u>45</u>	<u>447</u>
P17		<u>48</u>	<u>443</u>	<u>80</u>	<u>84</u>	<u>48</u>	<u>466</u>
P18		<u>51</u>	<u>464</u>	<u>85</u>	<u>85</u>	<u>51</u>	<u>487</u>
P19		<u>54</u>	<u>485</u>	<u>90</u>	<u>85</u>	<u>54</u>	<u>506</u>
P20		<u>57</u>	<u>512</u>			<u>57</u>	<u>525</u>
						<u>60</u>	<u>544</u>

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Continued on next page

WESTERN TESTING CO., INC.
Pressure Data

Date 12/6/79
Recorder No. 3354 Capacity 4200
Clock No. --- Elevation 2060 Ground Level
Test Ticket No. 4367 Location 4434 Ft.
Well Temperature 126 °F

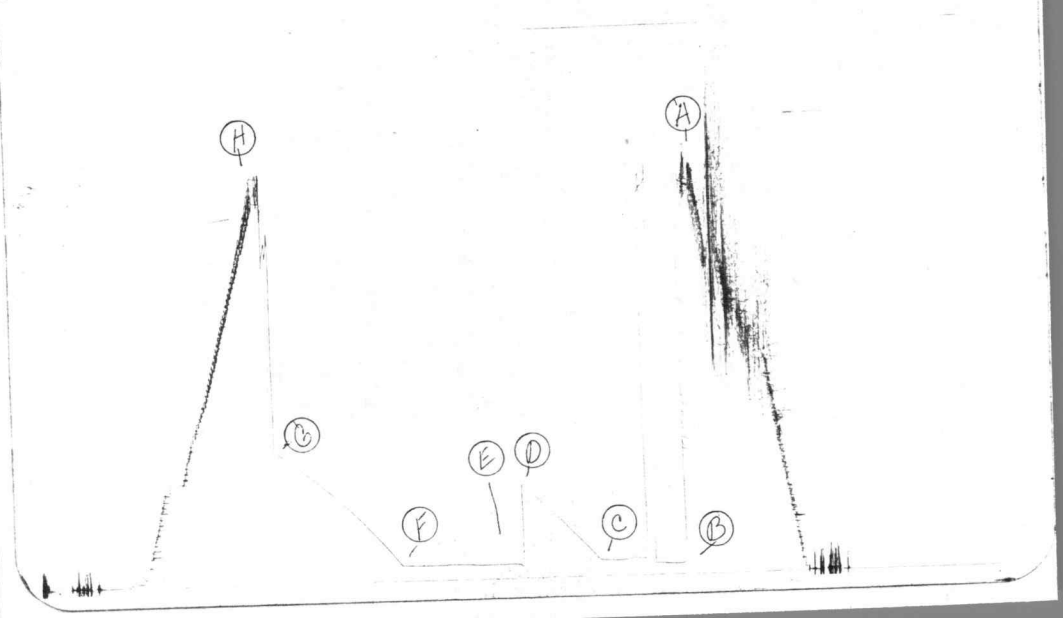
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2192	P.S.I.	1:20P, M	
B First Initial Flow Pressure	73	P.S.I.	60 Mins.	60 Mins.
C First Final Flow Pressure	89	P.S.I.	60 Mins.	57 Mins.
D Initial Closed-in Pressure	512	P.S.I.	90 Mins.	90 Mins.
E Second Initial Flow Pressure	63	P.S.I.	90 Mins.	90 Mins.
F Second Final Flow Pressure	85	P.S.I.		
G Final Closed-in Pressure	717	P.S.I.		
H Final Hydrostatic Mud	2173	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 12 Inc.		Breakdown: 19 Inc.		Breakdown: 18 Inc.		Breakdown: 30 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	563
P 2						66	582
P 3						69	599
P 4						72	618
P 5						75	633
P 6						78	649
P 7						81	668
P 8						84	686
P 9						87	700
P10						90	717
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

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TK # 4367
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Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Texas Energies, Inc. Lease & Well No. Newby #1-10
Elevation 2060 Ground Level Formation Kinderhook Effective Pay ---- Ft. Ticket No. 4368
Date 12/7/79 Sec. 10 Twp. 27S Range 15W County Pratt State Kansas
Test Approved by Toby Elster Western Representative Jim Wondra
Formation Test No. 4 Interval Tested from 4480 ft. to 4532 ft. Total Depth 4532 ft.
Packer Depth 4475 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4480 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4484 ft. Recorder Number 3354 Cap. 4200
Bottom Recorder Depth (Outside) 4487 ft. Recorder Number 2605 Cap. 4150
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Gabbert-Jones Rig #6 Drill Collar Length 122 I. D. 2 1/4 in.
Mud Type premix-Mon-Pac Viscosity 48 Weight Pipe Length - I. D. - in.
Weight 9.2 Water Loss 11.6 cc. Drill Pipe Length 4337 I. D. 3.8 in.
Chlorides 18,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
Jars: Make - Serial Number - Anchor Length 52 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: No blow throughout flow periods.

Recovered 1 ft. of drilling mud

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

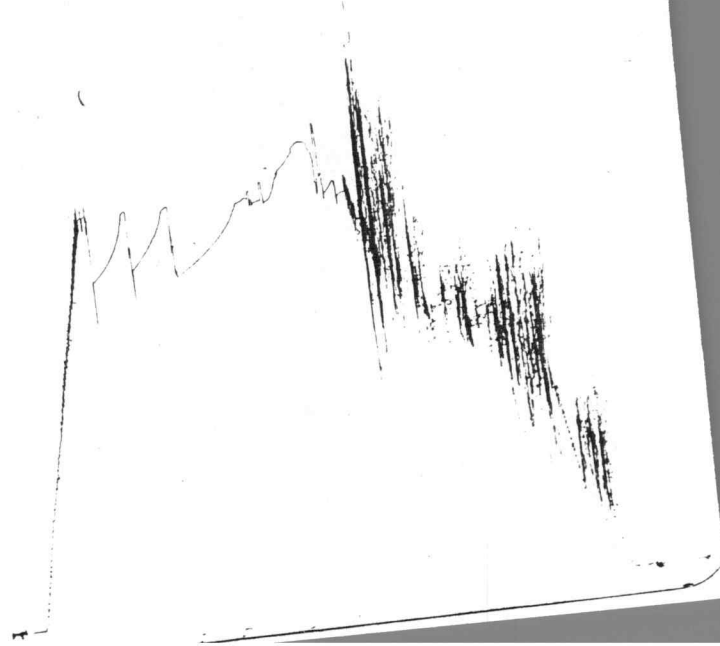
Remarks: TOOL PLUGGED MISRUN

Time Set Packer(s) 9:15 A.M. Time Started Off Bottom 12:05 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.

TR # 4368
I



TKL # 4388
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Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Texas Energies, Inc. Lease & Well No. Newby #1-10
Elevation 2060 Ground Level Formation Kinderhook Effective Pay ---- Ft. Ticket No. 4349
Date 12/7/79 Sec. 10 Twp. 27S Range 15W County Pratt State Kansas
Test Approved by Toby Elster Western Representative Jim Wondra
Formation Test No. 5 Interval Tested from 4476 ft. to 4532 ft. Total Depth 4532 ft.
Packer Depth 4471 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4476 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4491 ft. Recorder Number 2607 Cap. 4150
Bottom Recorder Depth (Outside) 4494 ft. Recorder Number 3351 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Gabbert-Jones Drilling Rig #6 Drill Collar Length 122 I. D. 2 1/4 in.
Mud Type premix-Mon-Pac Viscosity 43 Weight Pipe Length - I. D. - in.
Weight 9.2 Water Loss 12.0 cc. Drill Pipe Length 4341 I. D. 3.8 in.
Chlorides 21,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
Jars: Make -- Serial Number -- Anchor Length 56 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 flow periods.

Recovered 1300 ft. of gas in pipe
Recovered 90 ft. of gas cut mud (slightly oil cut)
Recovered 60 ft. of heavy oil and gas cut mud
Recovered - ft. of -
Recovered - ft. of -

Remarks: _____

Time Set Packer(s) 5:15 ~~A.M.~~ P.M. Time Started Off Bottom 10:15 ~~A.M.~~ P.M. Maximum Temperature 126⁰
Initial Hydrostatic Pressure (A) 2228 P.S.I.
Initial Flow Period Minutes 60 (B) 76 P.S.I. to (C) 75 P.S.I.
Initial Closed In Period Minutes 60 (D) 820 P.S.I.
Final Flow Period Minutes 90 (E) 106 P.S.I. to (F) 103 P.S.I.
Final Closed In Period Minutes 93 (G) 933 P.S.I.
Final Hydrostatic Pressure (H) 2215 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 12/7/79 Test Ticket No. 4349
Recorder No. 2607 Capacity 4150 Location 4491 Ft.
Clock No. ---- Elevation 2060 Ground Level Well Temperature 126 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2228	P.S.I.	5:15P	M
B First Initial Flow Pressure	76	P.S.I.	60	Mins. 60
C First Final Flow Pressure	75	P.S.I.	60	Mins. 60
D Initial Closed-in Pressure	820	P.S.I.	90	Mins. 90
E Second Initial Flow Pressure	106	P.S.I.	90	Mins. 93
F Second Final Flow Pressure	103	P.S.I.		
G Final Closed-in Pressure	933	P.S.I.		
H Final Hydrostatic Mud	2215	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>31</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>76</u>	<u>0</u>	<u>75</u>	<u>0</u>	<u>106</u>	<u>0</u>	<u>103</u>
P 2 <u>5</u>	<u>76</u>	<u>3</u>	<u>99</u>	<u>5</u>	<u>99</u>	<u>3</u>	<u>110</u>
P 3 <u>10</u>	<u>75</u>	<u>6</u>	<u>125</u>	<u>10</u>	<u>99</u>	<u>6</u>	<u>127</u>
P 4 <u>15</u>	<u>75</u>	<u>9</u>	<u>171</u>	<u>15</u>	<u>99</u>	<u>9</u>	<u>152</u>
P 5 <u>20</u>	<u>75</u>	<u>12</u>	<u>207</u>	<u>20</u>	<u>99</u>	<u>12</u>	<u>181</u>
P 6 <u>25</u>	<u>75</u>	<u>15</u>	<u>248</u>	<u>25</u>	<u>99</u>	<u>15</u>	<u>212</u>
P 7 <u>30</u>	<u>75</u>	<u>18</u>	<u>294</u>	<u>30</u>	<u>99</u>	<u>18</u>	<u>246</u>
P 8 <u>35</u>	<u>75</u>	<u>21</u>	<u>333</u>	<u>35</u>	<u>99</u>	<u>21</u>	<u>275</u>
P 9 <u>40</u>	<u>75</u>	<u>24</u>	<u>373</u>	<u>40</u>	<u>99</u>	<u>24</u>	<u>307</u>
P10 <u>45</u>	<u>75</u>	<u>27</u>	<u>415</u>	<u>45</u>	<u>99</u>	<u>27</u>	<u>339</u>
P11 <u>50</u>	<u>75</u>	<u>30</u>	<u>453</u>	<u>50</u>	<u>99</u>	<u>30</u>	<u>373</u>
P12 <u>55</u>	<u>75</u>	<u>33</u>	<u>496</u>	<u>55</u>	<u>99</u>	<u>33</u>	<u>402</u>
P13 <u>60</u>	<u>75</u>	<u>36</u>	<u>535</u>	<u>60</u>	<u>99</u>	<u>36</u>	<u>429</u>
P14		<u>39</u>	<u>571</u>	<u>65</u>	<u>99</u>	<u>39</u>	<u>455</u>
P15		<u>42</u>	<u>606</u>	<u>70</u>	<u>99</u>	<u>42</u>	<u>487</u>
P16		<u>45</u>	<u>644</u>	<u>75</u>	<u>99</u>	<u>45</u>	<u>521</u>
P17		<u>48</u>	<u>681</u>	<u>80</u>	<u>100</u>	<u>48</u>	<u>552</u>
P18		<u>51</u>	<u>714</u>	<u>85</u>	<u>102</u>	<u>51</u>	<u>583</u>
P19		<u>54</u>	<u>748</u>	<u>90</u>	<u>103</u>	<u>54</u>	<u>612</u>
P20		<u>57</u>	<u>781</u>			<u>57</u>	<u>638</u>
WTC - 4		<u>60</u>	<u>820</u>			<u>60</u>	<u>668</u>

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WESTERN TESTING CO., INC.
Pressure Data

Date 12/7/79 Test Ticket No. 4349
Recorder No. 2607 Capacity 4150 Location 4491 Ft.
Clock No. ---- Elevation 2060 Ground Level Well Temperature 126 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2228	P.S.I.	5:15P	M
B First Initial Flow Pressure	76	P.S.I.	60	60
C First Final Flow Pressure	75	P.S.I.	60	60
D Initial Closed-in Pressure	820	P.S.I.	90	90
E Second Initial Flow Pressure	106	P.S.I.	90	93
F Second Final Flow Pressure	103	P.S.I.		
G Final Closed-in Pressure	933	P.S.I.		
H Final Hydrostatic Mud	2215	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: 19 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 18 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 31 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						63	696
P 2						66	725
P 3						69	754
P 4						72	777
P 5						75	804
P 6						78	829
P 7						81	854
P 8						84	877
P 9						87	898
P10						90	920
P11						93	933
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Ref # 12349
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