



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No. 15852 OK

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1732 K.B. Formation DOUGLAS Eff. Pay _____ Ft.

District PRATT Date 4/6/82 Customer Order No. _____

COMPANY NAME TEXAS ENERGIES, Inc.

ADDRESS PO 176 Airport Industrial Complex Pratt Ks 67224

LEASE AND WELL NO. SPIDER #2 COUNTY BARBER STATE KS. Sec. X27 Twp. 27 Rge. 15W

Mail Invoice To SAME Spider #2 No. Copies Requested Req.

Co. Name SAME Address _____ No. Copies Requested Req.

Mail Charts To SAME Address _____ No. Copies Requested Req.

Formation Test No. 1 Interval Tested From 3616 ft. to 3662 ft. Total Depth 3662 ft.

Packer Depth 3611 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3616 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3625 ft. Recorder Number 13402 Cap. 4025

Bottom Recorder Depth (Outside) 3628 ft. Recorder Number 13267 Cap. 4050

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

Drilling Contractor TEMPOR #2 Drill Collar Length 189 I. D. 2.2 in.

Mud Type DRISPA L Viscosity 41 Weight Pipe Length _____ I. D. _____ in.

Weight 9-3 Water Loss 22.0 cc. Drill Pipe Length 3405 I. D. 3.8 in.

Chlorides 18,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.

Jars: Make _____ Serial Number _____ Anchor Length 46 ft. Size 5 1/2 in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 5/8 in. Bottom Choke Size _____ in.

Main Hole Size 7/8 in. Tool Joint Size 4 1/2 x 4 in.

Blow: INITIAL (F) FAIR BUILDING TO GOOD - DECREASED 3"

FINAL (F) STRONG - G.T.S. IN 5 MIN - DECREASED TO WEAK BLOW

Recovered 100 ft. of SUBTLY GAS CUT MUD

Recovered 200 ft. of HEAVY GAS CUT MUD WITH SPOTTED OIL

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: DUE TO MISTAKE FIGURING BOTTOM WE HAD TO ADD 1

JOINT AFTER TOOL OPENED. ALSO TOOL SLD 10' TO BOTTOM

ON BOTH OF THESE OPENINGS. - FLUSHED TOOL IN FINAL FLOW

Time On Location 8:45 A.M. Time Pick Up Tool 11:00 A.M. Time Off Location _____ P.M.

Time Set Packer(s) 1:20 A.M. Time Started Off Bottom 4:20 A.M. Maximum Temperature 118° F

Initial Hydrostatic Pressure _____ (A) 1734 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 98 P.S.I. to (C) 98 P.S.I.

Initial Closed In Period _____ Minutes 45 (D) 492 P.S.I.

Final Flow Period _____ Minutes 45 (E) 98 P.S.I. to (F) 118 P.S.I.

Final Closed In Period _____ Minutes 60 (G) 551 P.S.I.

Final Hydrostatic Pressure _____ (H) 1684 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By: Scott Alberg

Signature of Customer or his authorized representative

Western Representative: Rich Havel THANK YOU!

FIELD INVOICE

Open Hole Test \$ 625
Misrun \$ _____
Straddle Test \$ _____
Jars \$ _____
Selective Zone \$ _____
Safety Joint \$ 65
Standby \$ _____
Evaluation \$ _____
Extra Packer \$ _____
Circ. Sub. \$ _____
Mileage 20 \$ 15.00
Fluid Sampler \$ _____
Extra Charts \$ _____
Insurance \$ _____
Telecopier \$ _____
TOTAL \$ 75

WESTERN TESTING CO., INC.

Pressure Data

Date: 4-6-82 Test Ticket No. 15852
 Recorder No. 13402 Capacity 4025 Location 3625 Ft.
 Clock No. --- Elevation 1732 KB Well Temperature 118 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1741</u> P.S.I.	<u>1:50</u> A.M.	
B First Initial Flow Pressure	<u>83</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>91</u> P.S.I.	<u>45</u> Mins.	<u>42</u> Mins.
D Initial Closed-in Pressure	<u>484</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>98</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>124</u> P.S.I.		
G Final Closed-in Pressure	<u>546</u> P.S.I.		
H Final Hydrostatic Mud	<u>1675</u> P.S.I.		

PRESSURE BREAKDOWN

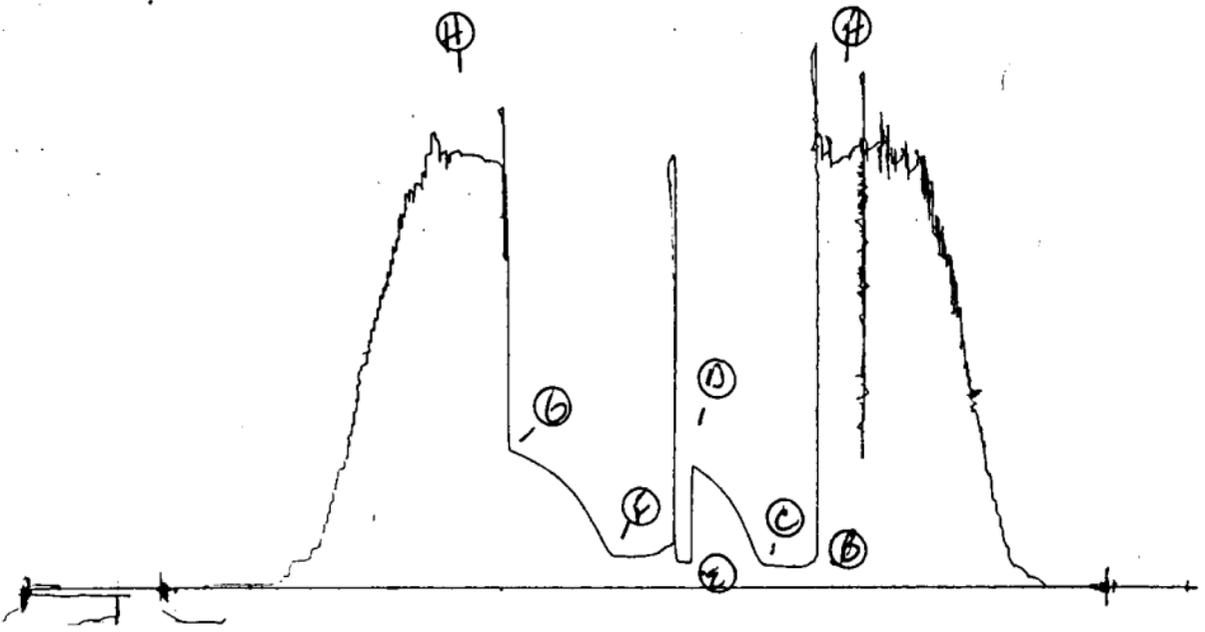
First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Initial Shut-In Breakdown: <u>14</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Second Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Final Shut-In Breakdown: <u>30</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>83</u>	<u>0</u>	<u>91</u>	<u>0</u>	<u>98</u>	<u>0</u>	<u>124</u>
P 2 <u>5</u>	<u>1</u>	<u>3</u>	<u>104</u>	<u>5</u>	<u>101</u>	<u>3</u>	<u>148</u>
P 3 <u>10</u>	<u>1</u>	<u>6</u>	<u>138</u>	<u>10</u>	<u>Flushed Tool</u>	<u>6</u>	<u>185</u>
P 4 <u>15</u>	<u>83</u>	<u>9</u>	<u>190</u>	<u>15</u>	<u>162</u>	<u>9</u>	<u>222</u>
P 5 <u>20</u>	<u>85</u>	<u>12</u>	<u>235</u>	<u>20</u>	<u>136</u>	<u>12</u>	<u>260</u>
P 6 <u>25</u>	<u>87</u>	<u>15</u>	<u>278</u>	<u>25</u>	<u>127</u>	<u>15</u>	<u>295</u>
P 7 <u>30</u>	<u>91</u>	<u>18</u>	<u>315</u>	<u>30</u>	<u>123</u>	<u>18</u>	<u>327</u>
P 8 <u>35</u>		<u>21</u>	<u>348</u>	<u>35</u>	<u>122</u>	<u>21</u>	<u>360</u>
P 9 <u>40</u>		<u>24</u>	<u>374</u>	<u>40</u>	<u>124</u>	<u>24</u>	<u>384</u>
P10 <u>45</u>		<u>27</u>	<u>399</u>	<u>45</u>	<u>124</u>	<u>27</u>	<u>406</u>
P11 <u>50</u>		<u>30</u>	<u>417</u>	<u>50</u>		<u>30</u>	<u>429</u>
P12 <u>55</u>		<u>33</u>	<u>438</u>	<u>55</u>		<u>33</u>	<u>447</u>
P13 <u>60</u>		<u>36</u>	<u>455</u>	<u>60</u>		<u>36</u>	<u>461</u>
P14		<u>39</u>	<u>469</u>	<u>65</u>		<u>39</u>	<u>472</u>
P15		<u>42</u>	<u>484</u>	<u>70</u>		<u>42</u>	<u>486</u>
P16		<u>45</u>		<u>75</u>		<u>45</u>	<u>499</u>
P17		<u>48</u>		<u>80</u>		<u>48</u>	<u>512</u>
P18		<u>51</u>		<u>85</u>		<u>51</u>	<u>521</u>
P19		<u>54</u>		<u>90</u>		<u>54</u>	<u>531</u>
P20		<u>57</u>				<u>57</u>	<u>541</u>
		<u>60</u>				<u>60</u>	<u>546</u>

T 15402 WSI-1

JK # 15852

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Company Texas Energies, Inc. Lease & Well No. Spicer #2
 Elevation 1732 Kelly Bushing Formation Douglas Effective Pay - Ft. Ticket No. 15852
 Date 4/6/82 Sec. 27 Twp. 30S Range 12W County Barber State Kansas
 Test Approved by Scott Alberg Western Representative Richard Howell

Formation Test No. 1 Interval Tested from 3616 ft. to 3662 ft. Total Depth 3662 ft.
 Packer Depth 3611 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 3616 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3625 ft. Recorder Number 13402 Cap. 4025
 Bottom Recorder Depth (Outside) 3628 ft. Recorder Number 13267 Cap. 4050
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Texplor Drlg. Rig #2 Drill Collar Length 189 I. D. 2.2 in.
 Mud Type drispac Viscosity 41 Weight Pipe Length - I. D. - in.
 Weight 9.3 Water Loss 22.0 cc. Drill Pipe Length 3405 I. D. 3.8 in.
 Chlorides 18,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
 Jars: Make - Serial Number - Anchor Length 46 ft. Size 5 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 XH in.

Blow: Initial flow period fair building to good - decreased three inches. Final flow period strong. Gas to surface in five minutes. Decreased to weak blow.

Recovered 100 ft. of slightly gas cut mud
 Recovered 200 ft. of heavy gas cut mud with spotted oil
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks: Due to mistake figuring bottom we had to add one hoint after tool opened. Also tool slid ten feet to bottom on both of these openings. Flushed tool in final flow.

Time Set Packer(s) 1:20 ~~P.M.~~ A.M. Time Started Off Bottom 4:20 ~~P.M.~~ A.M. Maximum Temperature 118°
 Initial Hydrostatic Pressure 1741 P.S.I. (A)
 Initial Flow Period 30 Minutes (B) 83 P.S.I. to (C) 91 P.S.I.
 Initial Closed In Period 42 Minutes (D) 484 P.S.I.
 Final Flow Period 45 Minutes (E) 98 P.S.I. to (F) 124 P.S.I.
 Final Closed In Period 60 Minutes (G) 546 P.S.I.
 Final Hydrostatic Pressure 1675 P.S.I. (H)

WESTERN TESTING CO., INC.
Pressure Data

Date 4/6/82 Test Ticket No. 15852
 Recorder No. 13402 Capacity 4025 Location 3625 Ft.
 Clock No. --- Elevation 1732 Kelly Bushing Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1741</u> P.S.I.	Open Tool	<u>1:20A</u>	<u>M</u>
B First Initial Flow Pressure	<u>83</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>91</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>42</u> Mins.
D Initial Closed-in Pressure	<u>484</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>98</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>124</u> P.S.I.			
G Final Closed-in Pressure	<u>546</u> P.S.I.			
H Final Hydrostatic Mud	<u>1675</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>14</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>20</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>83</u>	<u>0</u>	<u>91</u>	<u>0</u>	<u>98</u>	<u>0</u>	<u>124</u>
P 2 <u>5</u>	<u>83</u>	<u>3</u>	<u>104</u>	<u>5</u>	<u>101</u>	<u>3</u>	<u>148</u>
P 3 <u>10</u>	<u>83</u>	<u>6</u>	<u>138</u>	<u>10</u>	<u>FLUSHED TOOL</u>	<u>6</u>	<u>185</u>
P 4 <u>15</u>	<u>83</u>	<u>9</u>	<u>190</u>	<u>15</u>	<u>162</u>	<u>9</u>	<u>222</u>
P 5 <u>20</u>	<u>85</u>	<u>12</u>	<u>235</u>	<u>20</u>	<u>136</u>	<u>12</u>	<u>260</u>
P 6 <u>25</u>	<u>87</u>	<u>15</u>	<u>278</u>	<u>25</u>	<u>127</u>	<u>15</u>	<u>295</u>
P 7 <u>30</u>	<u>91</u>	<u>18</u>	<u>315</u>	<u>30</u>	<u>123</u>	<u>18</u>	<u>327</u>
P 8		<u>21</u>	<u>348</u>	<u>35</u>	<u>122</u>	<u>21</u>	<u>360</u>
P 9		<u>24</u>	<u>374</u>	<u>40</u>	<u>124</u>	<u>24</u>	<u>384</u>
P10		<u>27</u>	<u>399</u>	<u>45</u>	<u>124</u>	<u>27</u>	<u>406</u>
P11		<u>30</u>	<u>417</u>			<u>30</u>	<u>429</u>
P12		<u>33</u>	<u>438</u>			<u>33</u>	<u>447</u>
P13		<u>36</u>	<u>455</u>			<u>36</u>	<u>461</u>
P14		<u>39</u>	<u>469</u>			<u>39</u>	<u>472</u>
P15		<u>42</u>	<u>484</u>			<u>42</u>	<u>486</u>
P16						<u>45</u>	<u>499</u>
P17						<u>48</u>	<u>512</u>
P18						<u>51</u>	<u>521</u>
P19						<u>54</u>	<u>531</u>
P20						<u>57</u>	<u>541</u>
						<u>60</u>	<u>546</u>



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 15853

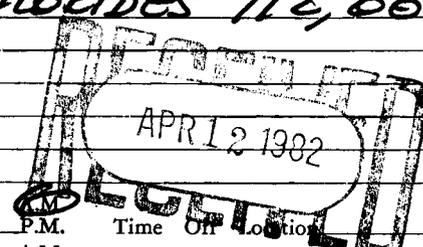
P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 262-5861

Elevation 1732 K.B. Formation DOUGLAS SAND Eff. Pay Ft.

District PRATT Date 4/8/82 Customer Order No.
COMPANY NAME TEXAS ENERGIES, Inc.
ADDRESS 70176 Airport Industrial Complex Path No 67124 27 30S 12W
LEASE AND WELL NO. SPICER #2 COUNTY BARBER STATE KS. Sec 27 Twp 27 Rge 15W
Mail Invoice To Sams Spicer #2 No. Copies Requested Req.
Co. Name Sams Address No. Copies Requested Req.

Formation Test No 2 Interval Tested From 3706 ft. to 3768 ft. Total Depth 3768 ft.
Packer Depth 3701 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3706 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set
Top Recorder Depth (Inside) 3710 ft. Recorder Number 13402 Cap 4025
Bottom Recorder Depth (Outside) 3713 ft. Recorder Number 13267 Cap 4050
Below Straddle Recorder Depth ft. Recorder Number Cap
Drilling Contractor T EXPLOR #2 Drill Collar Length 189 I. D. 2.2 in.
Mud Type DRIS-PAK Viscosity 47 Weight Pipe Length I. D. in.
Weight 9.1 Water Loss 12.4 cc. Drill Pipe Length 3495 I. D. 3.8 in.
Chlorides 16,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make Serial Number Anchor Length 62 ft. Size 5 1/2 x 6 7/8 in.
Did Well Flow? NO Reversed Out NO Surface Choke Size 3 1/4 in. Bottom Choke Size 3 1/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 7/8 x 4 in.

Blow: INITIAL - G.I.S. IN 3 MIN. SEE GAS FLOW REPORT 3244
Attached stat. for gas measurements
Recovered 380 ft. of Heavy Gas Cut Saltwater
Recovered ft. of
Recovered ft. of CHLORIDES 112,000
Recovered ft. of
Recovered ft. of
Remarks:



Time On Location 9:00 A.M. Time Pick Up Tool 12:00 P.M. Time Off Location P.M.
Time Set Packer(s) 3:50 P.M. Time Started Off Bottom 7:05 A.M. Maximum Temperature 130 F P.M.
Initial Hydrostatic Pressure (A) 1885 P.S.I.
Initial Flow Period Minutes 30 (B) 689 P.S.I. to (C) 847 P.S.I.
Initial Closed In Period Minutes 45 (D) 1185 P.S.I.
Final Flow Period Minutes 45 (E) 188 P.S.I. to (F) 887 P.S.I.
Final Closed In Period Minutes 25 (G) 1155 P.S.I.
Final Hydrostatic Pressure (H) 1825 P.S.I.

COMPANY TERMS
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All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

FIELD INVOICE
Open Hole Test \$ 625.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$ 65.00
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage 20 \$ 15.00
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$
TOTAL \$ 705.00

Test Approved By Scott Alberg
Signature of Customer or his authorized representative
Western Representative Rick Alberg - THANK YOU!



№ 3241

GAS FLOW REPORT

Date 4/8/82 Ticket #15853 Company TEXAS ENERGIES
 Well Name and No. SPICER #2 Dst No. 2 Interval Tested 3706-3768
 County BARBER State Ks. Sec. 4-27 Twp. 27-30 Rg. 12-15W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
PRE FLOW					
G.T.S. 11.3 MIN.					
10	55	2" orifice			OK 6,640,000 C.F.P.D.
20	40	2"			OK 5,210,000
27	36	2"			OK 4,830,000

SECOND FLOW					
10	50	2"			OK 6,160,000
20	60	2"			OK { 7,120,000 7,120,000 7,120,000 7,120,000 7,120,000
30	60	2"			
40	60	2"			
45	60	2"			

GAS BOTTLE

Serial No. #14991 Date Bottle Filled 4/8/82 Date to be Invoiced _____

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME TEXAS ENERGIES

Authorized by Scott Alberg

WESTERN TESTING CO., INC.

Pressure Data

Date 4-8 Test Ticket No. 15853
 Recorder No. 13402 Capacity 4025 Location 3710 Ft.
 Clock No. --- Elevation 1732 KB Well Temperature 130 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1876</u>	P.S.I.	<u>3:50 A</u>	<u>M</u>
B First Initial Flow Pressure	<u>702</u>	P.S.I.	<u>30</u>	<u>30</u>
C First Final Flow Pressure	<u>858</u>	P.S.I.	<u>45</u>	<u>45</u>
D Initial Closed-in Pressure	<u>1171</u>	P.S.I.	<u>45</u>	<u>45</u>
E Second Initial Flow Pressure	<u>783</u>	P.S.I.	<u>45</u>	<u>45</u>
F Second Final Flow Pressure	<u>880</u>	P.S.I.	<u>75</u>	<u>75</u>
G Final Closed-in Pressure	<u>1161</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1805</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Second Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Final Shut-In Breakdown: <u>25</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u>	<u>0</u>	<u>858</u>	<u>0</u>	<u>783</u>	<u>0</u>	<u>880</u>
P 2	<u>5</u>	<u>3</u>	<u>1090</u>	<u>5</u>	<u>836</u>	<u>3</u>	<u>1082</u>
P 3	<u>10</u>	<u>6</u>	<u>1129</u>	<u>10</u>	<u>875</u>	<u>6</u>	<u>1122</u>
P 4	<u>15</u>	<u>9</u>	<u>1147</u>	<u>15</u>	<u>887</u>	<u>9</u>	<u>1135</u>
P 5	<u>20</u>	<u>12</u>	<u>1157</u>	<u>20</u>	<u>889</u>	<u>12</u>	<u>1143</u>
P 6	<u>25</u>	<u>15</u>	<u>1161</u>	<u>25</u>	<u>885</u>	<u>15</u>	<u>1148</u>
P 7	<u>30</u>	<u>18</u>	<u>1165</u>	<u>30</u>	<u>885</u>	<u>18</u>	<u>1153</u>
P 8	<u>35</u>	<u>21</u>	<u>1166</u>	<u>35</u>	<u>880</u>	<u>21</u>	<u>1154</u>
P 9	<u>40</u>	<u>24</u>	<u>1167</u>	<u>40</u>	<u>880</u>	<u>24</u>	<u>1155</u>
P10	<u>45</u>	<u>27</u>	<u>1168</u>	<u>45</u>	<u>880</u>	<u>27</u>	<u>1156</u>
P11	<u>50</u>	<u>30</u>	<u>1168</u>	<u>50</u>		<u>30</u>	<u>1157</u>
P12	<u>55</u>	<u>33</u>	<u>1169</u>	<u>55</u>		<u>33</u>	<u>1158</u>
P13	<u>60</u>	<u>36</u>	<u>1170</u>	<u>60</u>		<u>36</u>	<u>1159</u>
P14		<u>39</u>	<u>1171</u>	<u>65</u>		<u>39</u>	<u>1160</u>
P15		<u>42</u>	<u>1171</u>	<u>70</u>		<u>42</u>	<u>1161</u>
P16		<u>45</u>	<u>1171</u>	<u>75</u>		<u>45</u>	<u>1161</u>
P17		<u>48</u>		<u>80</u>		<u>48</u>	
P18		<u>51</u>		<u>85</u>		<u>51</u>	
P19		<u>54</u>		<u>90</u>		<u>54</u>	
P20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	<u>1161</u>

cont

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 15853

Recorder No. _____ Capacity _____ Location _____ F

Clock No. _____ Elevation _____ Well Temperature _____ °

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I.	Open Tool	_____ M	_____ Min
B First Initial Flow Pressure _____	P.S.I.	First Flow Pressure	_____ Mins.	_____ Min
C First Final Flow Pressure _____	P.S.I.	Initial Closed-in Pressure	_____ Mins.	_____ Min
D Initial Closed-in Pressure _____	P.S.I.	Second Flow Pressure	_____ Mins.	_____ Min
E Second Initial Flow Pressure _____	P.S.I.	Final Closed-in Pressure	_____ Mins.	_____ Min
F Second Final Flow Pressure _____	P.S.I.			
G Final Closed-in Pressure _____	P.S.I.			
H Final Hydrostatic Mud _____	P.S.I.			

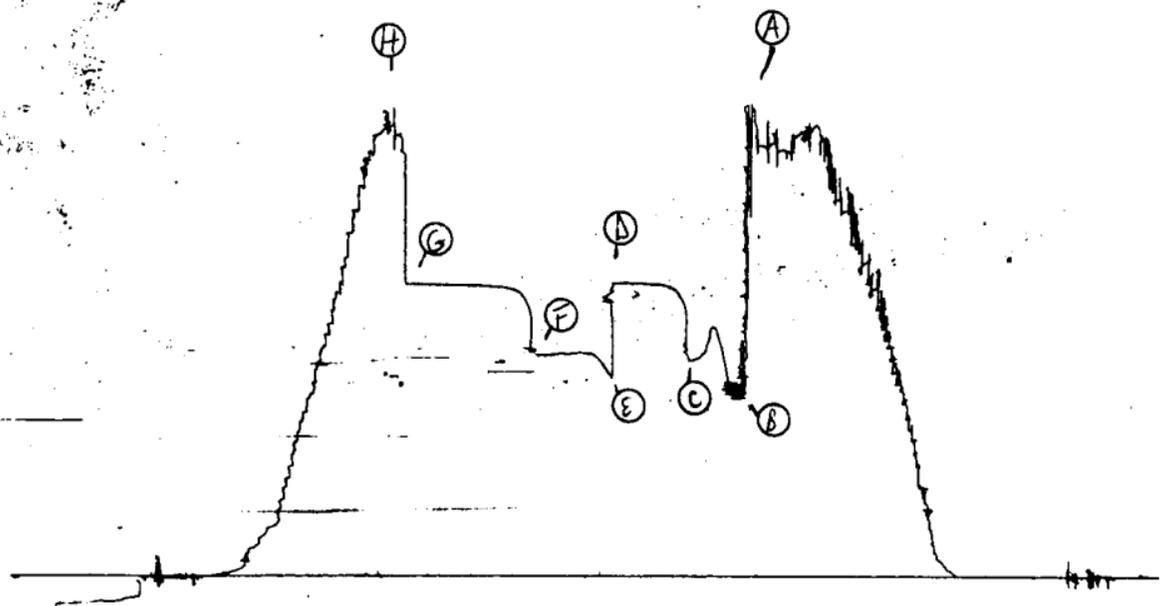
PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.
	Press.	Point Minutes	Point Minutes	Point Minutes
P 1	_____	63	_____	63
P 2	_____	66	_____	66
P 3	_____	69	_____	69
P 4	_____	72	_____	72
P 5	_____	75	_____	75
P 6	_____	78	_____	78
P 7	_____	81	_____	81
P 8	_____	84	_____	84
P 9	_____	87	_____	87
P10	_____	90	_____	90
P11	_____	93	_____	93
P12	_____	96	_____	96
P13	_____	99	_____	99
P14	_____	102	_____	102
P15	_____	105	_____	105
P16	_____	108	_____	108
P17	_____	111	_____	111
P18	_____	114	_____	114
P19	_____	117	_____	117
P20	_____	120	_____	120

#13402 DST# 2

TKT # 15853

I



Company Texas Energies, Inc. Lease & Well No. Spicer #2
 Elevation 1732 Kelly Bushing Formation Douglas Sand Effective Pay - Ft. Ticket No. 15853
 Date 4/8/82 Sec. 27 Twp. 30S Range 12W County Barber State Kansas
 Test Approved by Scott Laberg Western Representative Richard Howell

Formation Test No. 2 Interval Tested from 3706 ft. to 3768 ft. Total Depth 3768 ft.
 Packer Depth 3701 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 3706 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3710 ft. Recorder Number 13402 Cap 4025
 Bottom Recorder Depth (Outside) 3713 ft. Recorder Number 13267 Cap 4050
 Below Straddle Recorder Depth - ft. Recorder Number - Cap -

Drilling Contractor Texplor Drilling Rig #2 Drill Collar Length 189 I. D. 2.2 in.
 Mud Type drispac Viscosity 47 Weight Pipe Length - I. D. - in.
 Weight 9.1 Water Loss 12.4 cc. Drill Pipe Length 3495 I. D. 3.8 in.
 Chlorides 16,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
 Jars: Make - Serial Number - Anchor Length 62 ft. Size 5 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 XH in.

Blow: Initial flow period gas to surface in three minutes. See attached sheet for gas measurements.

Recovered 380 ft. of heavy gas cut salt water Chlorides 112,000 ppm
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -

Remarks: -

Time Set Packer(s) 3:50 A.M. Time Started Off Bottom 7:05 A.M. Maximum Temperature 130°
P.M. P.M.
 Initial Hydrostatic Pressure (A) 1876 P.S.I.
 Initial Flow Period Minutes 30 (B) 702 P.S.I. to (C) 858 P.S.I.
 Initial Closed In Period Minutes 45 (D) 1171 P.S.I.
 Final Flow Period Minutes 45 (E) 783 P.S.I. to (F) 880 P.S.I.
 Final Closed In Period Minutes 75 (G) 1161 P.S.I.
 Final Hydrostatic Pressure (H) 1805 P.S.I.

GAS FLOW REPORT

Date 4/8/82 Ticket 15853 Company Texas Energies, Inc.
 Well Name and No. Spicer #2 Dst No. 2 Interval Tested 3706'-3768'
 County Barber State Kansas Sec. 27 Twp. 30S Rg. 12W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
Gas to surface in three minutes. PRE FLOW					
10 min.	55 PSIG	2" orifice			6,640,000 CFPD
20 min.	40 PSIG	2" orifice			6,210,000 CFPD
27 min.	36 PSIG	2" orifice			4,830,000 CFPD

SECOND FLOW					
10 min.	50 PSIG	2" orifice			6,160,000 CFPD
20 min.	60 PSIG	2" orifice			7,120,000 CFPD
30 min.	60 PSIG	2" orifice			7,120,000 CFPD
40 min.	60 PSIG	2" orifice			7,120,000 CFPD
45 min.	60 PSIG	2" orifice			7,120,000 CFPD

GAS BOTTLE

Serial No. 14991 Date Bottle Filled 4/8/82 Date to be Invoiced 4/8/82

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal piug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Texas Energies, Inc.
 Authorized by Scott ALberg

WESTERN TESTING CO., INC.
Pressure Data

Date 4/8/82 Test Ticket No. 15853
 Recorder No. 13402 Capacity 4025 Location 3710 Ft.
 Clock No. --- Elevation 1732 Kelly Bushing Well Temperature 130 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1876</u> P.S.I.	Open Tool	<u>3:50A</u>	<u>M</u>
B First Initial Flow Pressure	<u>702</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>858</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>1171</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>783</u> P.S.I.	Final Closed-in Pressure	<u>75</u> Mins.	<u>75</u> Mins.
F Second Final Flow Pressure	<u>880</u> P.S.I.			
G Final Closed-in Pressure	<u>1161</u> P.S.I.			
H Final Hydrostatic Mud	<u>1805</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Second Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Final Shut-In Breakdown: <u>25</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u> 702	<u>0</u> 858	<u>0</u> 783	<u>0</u>	<u>880</u>	<u>0</u>	<u>880</u>
P 2	<u>5</u> 702	<u>3</u> 1090	<u>5</u> 836	<u>3</u>	<u>1082</u>	<u>3</u>	<u>1082</u>
P 3	<u>10</u> 804	<u>6</u> 1129	<u>10</u> 875	<u>6</u>	<u>1122</u>	<u>6</u>	<u>1122</u>
P 4	<u>15</u> 941	<u>9</u> 1147	<u>15</u> 887	<u>9</u>	<u>1135</u>	<u>9</u>	<u>1135</u>
P 5	<u>20</u> 992	<u>12</u> 1157	<u>20</u> 889	<u>12</u>	<u>1143</u>	<u>12</u>	<u>1143</u>
P 6	<u>25</u> 883	<u>15</u> 1161	<u>25</u> 885	<u>15</u>	<u>1148</u>	<u>15</u>	<u>1148</u>
P 7	<u>30</u> 858	<u>18</u> 1165	<u>30</u> 885	<u>18</u>	<u>1153</u>	<u>18</u>	<u>1153</u>
P 8		<u>21</u> 1166	<u>35</u> 880	<u>21</u>	<u>1154</u>	<u>21</u>	<u>1154</u>
P 9		<u>24</u> 1167	<u>40</u> 880	<u>24</u>	<u>1155</u>	<u>24</u>	<u>1155</u>
P10		<u>27</u> 1168	<u>45</u> 880	<u>27</u>	<u>1156</u>	<u>27</u>	<u>1156</u>
P11		<u>30</u> 1168		<u>30</u>	<u>1157</u>	<u>30</u>	<u>1157</u>
P12		<u>33</u> 1169		<u>33</u>	<u>1158</u>	<u>33</u>	<u>1158</u>
P13		<u>36</u> 1170		<u>36</u>	<u>1159</u>	<u>36</u>	<u>1159</u>
P14		<u>39</u> 1171		<u>39</u>	<u>1160</u>	<u>39</u>	<u>1160</u>
P15		<u>42</u> 1171		<u>42</u>	<u>1161</u>	<u>42</u>	<u>1161</u>
P16		<u>45</u> 1171		<u>45</u>	<u>1161</u>	<u>45</u>	<u>1161</u>
P17				<u>48</u>	<u>1161</u>	<u>48</u>	<u>1161</u>
P18				<u>51</u>	<u>1161</u>	<u>51</u>	<u>1161</u>
P19				<u>54</u>	<u>1161</u>	<u>54</u>	<u>1161</u>
P20				<u>57</u>	<u>1161</u>	<u>57</u>	<u>1161</u>
				<u>60</u>	<u>1161</u>	<u>60</u>	<u>1161</u>

WESTERN TESTING CO., INC.
Pressure Data

Date 4/8/82 Test Ticket No. 15853
 Recorder No. 13402 Capacity 4025 Location 3710 Ft.
 Clock No. --- Elevation 1732 Kelly Bushing Well Temperature 130 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1876	P.S.I.	3:50A	M
B First Initial Flow Pressure	702	P.S.I.	30	30
C First Final Flow Pressure	858	P.S.I.	45	45
D Initial Closed-in Pressure	1171	P.S.I.	45	45
E Second Initial Flow Pressure	783	P.S.I.	75	75
F Second Final Flow Pressure	880	P.S.I.		
G Final Closed-in Pressure	1161	P.S.I.		
H Final Hydrostatic Mud	1805	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>25</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						63	1161
P 2						66	1161
P 3						69	1161
P 4						72	1161
P 5						75	1161
P 6							
P 7							
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No 15854

P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 262-5861

Elevation 1732 K.B. Formation MISS. Eff. Pay Ft.

District PRATT Date 4/10/82 Customer Order No. 27-305-124
COMPANY NAME TEXAS ENERGIES Inc.
ADDRESS P.O. Box 176 Airport Industrial Complex, Pratt, KS 67124
LEASE AND WELL NO. SPICER #2 COUNTY BARBER STATE KS. Sec. 427 Twp. 2305 Rge. 15012
Mail Invoice To SAME Spicer #2 No. Copies Requested 289.
Co. Name SAME Address No. Copies Requested 289.
Mail Charts To SAME Address No. Copies Requested 289.

Formation Test No. 3 Interval Tested From 4245 ft. to 4263 ft. Total Depth 4263 ft.
Packer Depth 4240 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 4245 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set
Top Recorder Depth (Inside) 4249 ft. Recorder Number 13402 Cap. 4025
Bottom Recorder Depth (Outside) 4253-4258 ft. Recorder Number 13267 Cap. 4050
Below Straddle Recorder Depth ft. Recorder Number Cap.
Drilling Contractor TEXPLOR #2 Drill Collar Length 230 I. D. 2.2 in.
Mud Type DRISPAK Viscosity 46 Weight Pipe Length I. D. in.
Weight 9.1 Water Loss 6.4 cc. Drill Pipe Length 3985 I. D. 3.8 in.
Chlorides 19000 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 in.
Jars: Make W.T.C. Serial Number Anchor Length 18 ft. Size 5 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 XH in.

Blow: INITIAL HOW PERM PAIR, BUILDING TO GOOD, THEN DECREASED TO 5" INTO BUCKET
FINAL HOW STRONG - DECREASING TO 5" INTO BUCKET
Recovered 20 ft. DRILLING MUD

RECEIVED APR 13 1982

Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks:

Time On Location 1:45 P.M. Time Pick Up Tool 4:30 P.M. Time Off Location A.M. P.M.
Time Set Packer(s) 6:35 P.M. Time Started Off Bottom 9:35 P.M. Maximum Temperature 133°F
Initial Hydrostatic Pressure (A) 2036 P.S.I.
Initial Flow Period Minutes 30 (B) 29 P.S.I. to (C) 19 P.S.I.
Initial Closed In Period Minutes 45 (D) 980 P.S.I.
Final Flow Period Minutes 30 (E) 29 P.S.I. to (F) 19 P.S.I.
Final Closed In Period Minutes 25 (G) 1065 P.S.I.
Final Hydrostatic Pressure (H) 2006 P.S.I.

COMPANY TERMS
Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.
All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.
Test Approved By: [Signature] Signature of Customer or his authorized representative
Western Representative: [Signature] THANKS!

FIELD INVOICE table with items: Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage 20, Fluid Sampler, Extra Charts, Insurance, Telecopier, TOTAL \$1040.00

WESTERN TESTING CO., INC.

Pressure Data

Date 4-10-82 Test Ticket No. 15854
 Recorder No. 13402 Capacity 4025 Location 4249
 Clock No. --- Elevation 1732 KB Well Temperature 133

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2036</u> P.S.I.	<u>6:35 AM</u>	
B First Initial Flow Pressure	<u>22</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>22</u> P.S.I.	<u>45</u> Mins.	<u>48</u> Mins.
D Initial Closed-in Pressure	<u>992</u> P.S.I.	<u>30</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>23</u> P.S.I.	<u>75</u> Mins.	<u>78</u> Mins.
F Second Final Flow Pressure	<u>23</u> P.S.I.		
G Final Closed-in Pressure	<u>1210</u> P.S.I.		
H Final Hydrostatic Mud	<u>2016</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>16</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>26</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	<u>22</u>	0	<u>22</u>	0	<u>22</u>	0	<u>23</u>
P 2 5		3	<u>51</u>	5		3	<u>87</u>
P 3 10		6	<u>126</u>	10		6	<u>154</u>
P 4 15		9	<u>205</u>	15		9	<u>226</u>
P 5 20		12	<u>285</u>	20		12	<u>287</u>
P 6 25		15	<u>360</u>	25		15	<u>350</u>
P 7 30	<u>22</u>	18	<u>435</u>	30		18	<u>417</u>
P 8 35		21	<u>512</u>	35		21	<u>476</u>
P 9 40		24	<u>575</u>	40		24	<u>534</u>
P10 45		27	<u>632</u>	45	<u>23</u>	27	<u>591</u>
P11 50		30	<u>698</u>	50		30	<u>642</u>
P12 55		33	<u>761</u>	55		33	<u>694</u>
P13 60		36	<u>816</u>	60		36	<u>745</u>
P14		39	<u>860</u>	65		39	<u>791</u>
P15		42	<u>913</u>	70		42	<u>838</u>
P16		45	<u>959</u>	75		45	<u>883</u>
P17		48	<u>992</u>	80		48	<u>920</u>
P18		51		85		51	<u>962</u>
P19		54		90		54	<u>996</u>
P20		57				57	<u>1028</u>
		60				60	<u>1060</u>

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 15854

Recorder No. _____ Capacity _____ Location _____ F

Clock No. _____ Elevation _____ Well Temperature _____ °

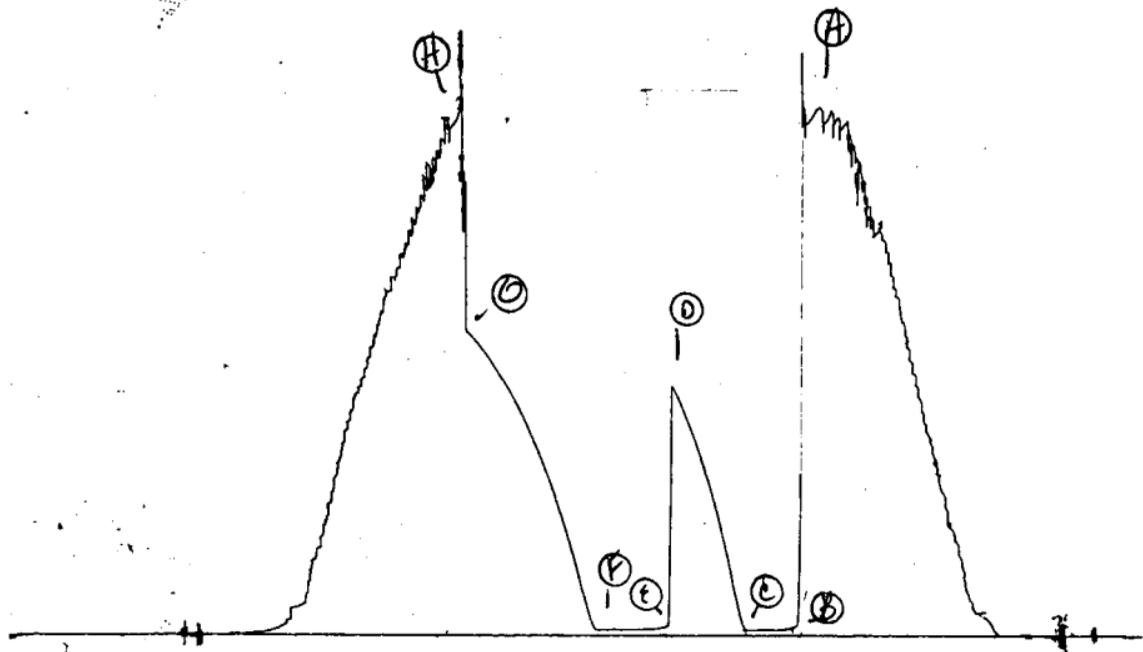
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I.	Open Tool	_____	M _____
B First Initial Flow Pressure _____	P.S.I.	First Flow Pressure	_____	Mins. _____ Min
C First Final Flow Pressure _____	P.S.I.	Initial Closed-in Pressure	_____	Mins. _____ Min
D Initial Closed-in Pressure _____	P.S.I.	Second Flow Pressure	_____	Mins. _____ Min
E Second Initial Flow Pressure _____	P.S.I.	Final Closed-in Pressure	_____	Mins. _____ Min
F Second Final Flow Pressure _____	P.S.I.			
G Final Closed-in Pressure _____	P.S.I.			
H Final Hydrostatic Mud _____	P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.
	Press.	Point Minutes	Press.	Point Minutes
P 1	_____	63	_____	63
P 2	_____	66	_____	66
P 3	_____	69	_____	69
P 4	_____	72	_____	72
P 5	_____	75	_____	75
P 6	_____	78	_____	78
P 7	_____	81	_____	81
P 8	_____	84	_____	84
P 9	_____	87	_____	87
P10	_____	90	_____	90
P11	_____	93	_____	93
P12	_____	96	_____	96
P13	_____	99	_____	99
P14	_____	102	_____	102
P15	_____	105	_____	105
P16	_____	108	_____	108
P17	_____	111	_____	111
P18	_____	114	_____	114
P19	_____	117	_____	117
P20	_____	120	_____	120

#14302 DST #3

PK #15854
I



Company Texas Energies, Inc. Lease & Well No. Spicer #2
 Elevation 1732 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 15854
 Date 4/10/82 Sec. 27 Twp. 30S Range 12W County Barber State Kansas
 Test Approved by Scott Alberg Western Representative Richard Howell

Formation Test No. 3 Interval Tested from 4245 ft. to 4263 ft. Total Depth 4263 ft.
 Packer Depth 4240 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4245 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4249 ft. Recorder Number 13402 Cap. 4025
 Bottom Recorder Depth (Outside) 4253 ft. Recorder Number 13267 Cap. 4050
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Texplor Rig #2 Drill Collar Length 230 I. D. 2.2 in.
 Mud Type Drispac Viscosity 46 Weight Pipe Length - I. D. - in.
 Weight 9.1 Water Loss 6.4 cc. Drill Pipe Length 3985 I. D. 3.8 in.
 Chlorides 10,000 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 in.
 Jars: Make WTC Serial Number 405 Anchor Length 18 ft. Size 5 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 XH in.

Blow: Initial flow period fair building to good, then decreased to 5 inches into bucket.
Final flow period strong - decreasing to 5 inches into bucket.

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

Remarks:

Time Set Packer(s) 6:35 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 9:35 ~~P.M.~~ ^{A.M.} Maximum Temperature 133
 Initial Hydrostatic Pressure (A) 2036 P.S.I.
 Initial Flow Period Minutes 30 (B) 22 P.S.I. to (C) 22 P.S.I.
 Initial Closed In Period Minutes 48 (D) 992 P.S.I.
 Final Flow Period Minutes 45 (E) 23 P.S.I. to (F) 23 P.S.I.
 Final Closed In Period Minutes 78 (G) 1210 P.S.I.
 Final Hydrostatic Pressure (H) 2016 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 4/10/82 Test Ticket No. 15854
 Recorder No. 13402 Capacity 4025 Location 4249 Ft.
 Clock No. - Elevation 1732 Kelly Bushing Well Temperature 133 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2036</u> P.S.I.	<u>6:35A</u> M	
B First Initial Flow Pressure	<u>22</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>22</u> P.S.I.	<u>45</u> Mins.	<u>48</u> Mins.
D Initial Closed-in Pressure	<u>992</u> P.S.I.	<u>30</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>23</u> P.S.I.	<u>75</u> Mins.	<u>78</u> Mins.
F Second Final Flow Pressure	<u>23</u> P.S.I.		
G Final Closed-in Pressure	<u>1210</u> P.S.I.		
H Final Hydrostatic Mud	<u>2016</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Initial Shut-In Breakdown: <u>16</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Second Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Final Shut-In Breakdown: <u>26</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1	<u>0</u>	<u>22</u>	<u>0</u>	<u>22</u>	<u>0</u>	<u>23</u>	<u>0</u>	<u>23</u>
P 2	<u>5</u>	<u>22</u>	<u>3</u>	<u>51</u>	<u>5</u>	<u>23</u>	<u>3</u>	<u>87</u>
P 3	<u>10</u>	<u>22</u>	<u>6</u>	<u>126</u>	<u>10</u>	<u>23</u>	<u>6</u>	<u>154</u>
P 4	<u>15</u>	<u>22</u>	<u>9</u>	<u>205</u>	<u>15</u>	<u>23</u>	<u>9</u>	<u>226</u>
P 5	<u>20</u>	<u>22</u>	<u>12</u>	<u>285</u>	<u>20</u>	<u>23</u>	<u>12</u>	<u>287</u>
P 6	<u>25</u>	<u>22</u>	<u>15</u>	<u>360</u>	<u>25</u>	<u>23</u>	<u>15</u>	<u>350</u>
P 7	<u>30</u>	<u>22</u>	<u>18</u>	<u>435</u>	<u>30</u>	<u>23</u>	<u>18</u>	<u>417</u>
P 8			<u>21</u>	<u>512</u>	<u>35</u>	<u>23</u>	<u>21</u>	<u>476</u>
P 9			<u>24</u>	<u>575</u>	<u>40</u>	<u>23</u>	<u>24</u>	<u>534</u>
P10			<u>27</u>	<u>632</u>	<u>45</u>	<u>23</u>	<u>27</u>	<u>591</u>
P11			<u>30</u>	<u>698</u>			<u>30</u>	<u>642</u>
P12			<u>33</u>	<u>761</u>			<u>33</u>	<u>694</u>
P13			<u>36</u>	<u>816</u>			<u>36</u>	<u>745</u>
P14			<u>39</u>	<u>860</u>			<u>39</u>	<u>791</u>
P15			<u>42</u>	<u>913</u>			<u>42</u>	<u>838</u>
P16			<u>45</u>	<u>959</u>			<u>45</u>	<u>883</u>
P17			<u>48</u>	<u>992</u>			<u>48</u>	<u>920</u>
P18							<u>51</u>	<u>962</u>
P19							<u>54</u>	<u>996</u>
P20							<u>57</u>	<u>1028</u>
							<u>60</u>	<u>1060</u>

WESTERN TESTING CO., INC.
Pressure Data

Date 4/10/82 Test Ticket No. 15854
 Recorder No. 13402 Capacity 4025 Location 4249 Ft.
 Clock No. - Elevation 1732 Kelly Bushing Well Temperature 133 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>2036</u>	P.S.I.	<u>6:35A</u>	<u>M</u>
B. First Initial Flow Pressure	<u>22</u>	P.S.I.	<u>30</u>	<u>Mins. 30</u>
C. First Final Flow Pressure	<u>22</u>	P.S.I.	<u>45</u>	<u>Mins. 48</u>
D. Initial Closed-in Pressure	<u>992</u>	P.S.I.	<u>30</u>	<u>Mins. 45</u>
E. Second Initial Flow Pressure	<u>23</u>	P.S.I.	<u>75</u>	<u>Mins. 78</u>
F. Second Final Flow Pressure	<u>23</u>	P.S.I.		
G. Final Closed-in Pressure	<u>1210</u>	P.S.I.		
H. Final Hydrostatic Mud	<u>2016</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>16</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>26</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>63</u>	<u>1094</u>
P 2						<u>66</u>	<u>1124</u>
P 3						<u>69</u>	<u>1151</u>
P 4						<u>72</u>	<u>1174</u>
P 5						<u>75</u>	<u>1200</u>
P 6						<u>78</u>	<u>1210</u>
P 7							
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							