

Phone (303) 830-8080

15-159-21451

Star Hughes

34-185-9W

Denver Center Bldg.
1776 Lincoln St., Suite 401
Denver, CO 80203

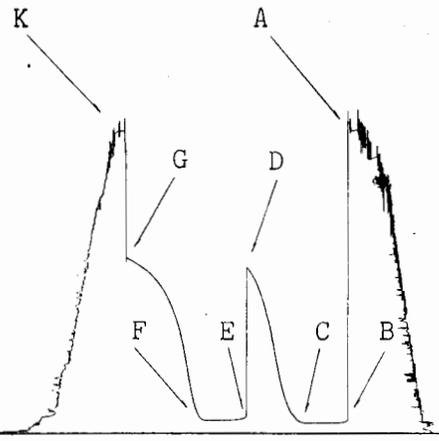
Contractor <u>Wheat State Drlg.</u>	Surface Choke <u>1"</u>	Mud Type <u>Starch</u>
Rig No. <u>3</u>	Bottom Choke <u>5/8"</u>	Weight <u>9.5</u>
Spot <u>C-N/2-NW/NE</u>	Hole Size <u>7 7/8"</u>	Viscosity <u>30</u>
Sec. <u>34</u>	Core Hole Size <u>--</u>	Water Loss <u>10.0</u>
Twp. <u>18 S</u>	DP Size & Wt. <u>4 1/2" XH 16.60</u>	Filter Cake <u>2/32</u>
Rng. <u>9 W</u>	Wt. Pipe <u>--</u>	Resistivity <u>--</u> @ <u>--</u> OF
Field <u>Not Reported</u>	I.D. of DC <u>--</u>	<u>--</u> Ppm. NaCl
County <u>Rice</u>	Length of DC <u>124.91'</u>	B.H.T. <u>92</u> OF
State <u>Kansas</u>	Total Depth <u>2930'</u>	Co. Rep. <u>Ron Falwell</u>
Elevation <u>1735' K.B.</u>	Type Test <u>Conventional</u>	Tester <u>Ron Mitchell</u>
Formation <u>Kansas City</u>	Interval <u>2915'- 2930'</u>	

Operator
Ticket No. 01476
Date 7/18/82
Texas Energies, Inc.
Well Name & No. Carriagan #1-34
Location S-34 T-18S R-9W
County, State Rice County, Kansas
DST No. 1
Interval 2915' - 2930'
Formation Kansas City

	REPORTED	CORRECTED
Opened Tool @	11:20	hrs.
Flow No. 1	30	32 min.
Shut-in No. 1	45	43 min.
Flow No. 2	30	31 min.
Shut-in No. 2	60	59 min.
Flow No. 3	None Taken	min.
Shut-in No. 3	"	" min.

Recorder Type <u>Kuster AK-1</u>
No. <u>1620</u> Cap. <u>4000</u> psi
Depth <u>2920</u> feet
Inside X Outside

Initial Hydrostatic	A	1535
Final Hydrostatic	K	1525
Initial Flow	B	73
Final Initial Flow	C	61
Initial Shut-in	D	850
Second Initial Flow	E	90
Second Final Flow	F	75
Second Shut-in	G	900
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--



Pipe Recovery: 300' Gas above fluid
150' Gas cut mud with oil specks

Top sample 25% mud, 60% water, 15% oil
Middle sample 20% mud, 40% water, 10% oil, 30% gas
Bottom sample 10% mud, 40% water, 5% oil, 45% gas

Top sample R W - 0.08 @ 98° F = 70,000 ppm. NaCl.
Bottom sample R W - 0.07 @ 98° F = 80,000 ppm. NaCl.

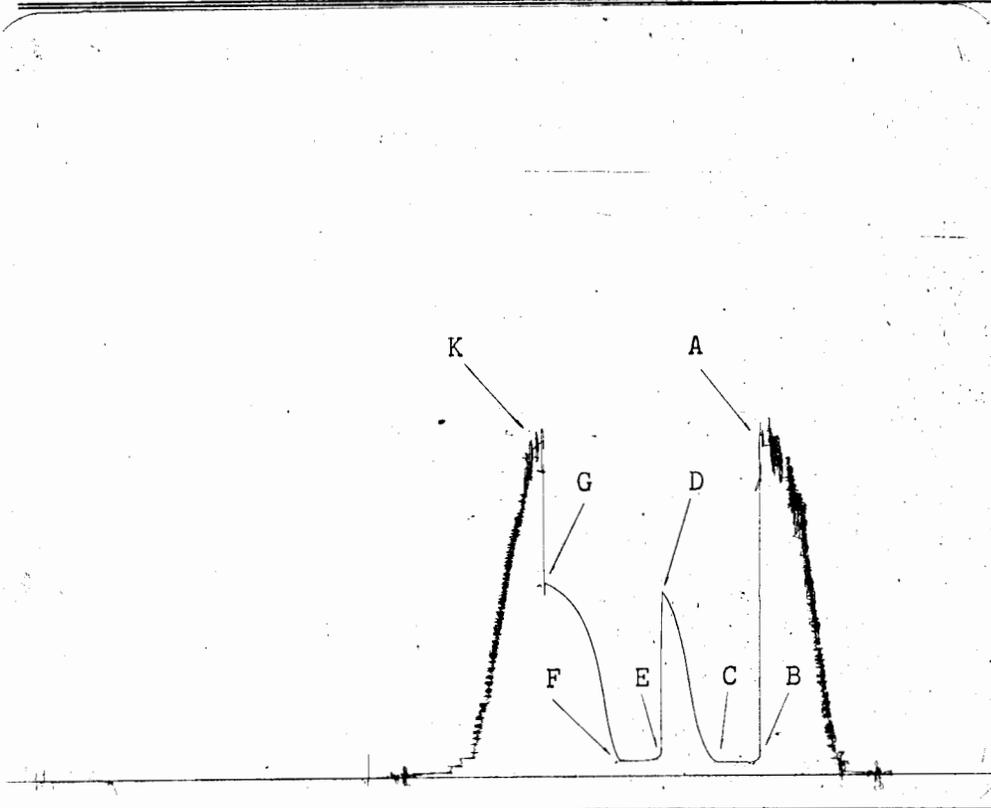
Surface blow:
1st flow: Tool opened with a fair, 5" blow, slowly decreased to a 1 1/2" blow at end of flow period.
2nd flow: Tool opened with a weak, 2" blow, slowly decreased to a 1/2" blow in 10 minutes and remained through flow period.

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Texas Energies, Inc.
Operator

Carrigan #1-35
Well Name and No.

1
DST No.



Recorder Type Kuster AK-1
No. 13409 Cap. 3525 psi
Depth 2925 feet
Inside Outside X

Initial Hydrostatic	A	<u>1541</u>
Final Hydrostatic	K	<u>1530</u>
Initial Flow	B	<u>76</u>
Final Initial Flow	C	<u>62</u>
Initial Shut-in	D	<u>860</u>
Second Initial Flow	E	<u>93</u>
Second Final Flow	F	<u>70</u>
Second Shut-in	G	<u>911</u>
Third Initial Flow	H	<u>--</u>
Third Final Flow	I	<u>--</u>
Third Shut-in	J	<u>--</u>

Pressure Below Bottom
Packer Bled To

Recorder Type _____
No. _____ Cap. _____ psi
Depth _____ feet
Inside Outside

Initial Hydrostatic	A	_____
Final Hydrostatic	K	_____
Initial Flow	B	_____
Final Initial Flow	C	_____
Initial Shut-in	D	_____
Second Initial Flow	E	_____
Second Final Flow	F	_____
Second Shut-in	G	_____
Third Initial Flow	H	_____
Third Final Flow	I	_____
Third Shut-in	J	_____

Pressure Below Bottom
Packer Bled To

Star Hughes

INCREMENTAL READING DATA

Texas Energies, Inc.
Operator

Carrigan #1-34
Well Name and No.

1
DST No.

RECORDER NO.1620 DEPTH 2920 FT.

INITIAL SHUT-IN

INITIAL FLOW TIME 32 MINUTES

0 (MIN)	LOG T + 0/0	PRESSURE (PSIG)
3	1.066	67
6	0.801	81
9	0.658	105
12	0.564	140
15	0.496	197
18	0.443	276
21	0.402	377
24	0.367	487
27	0.339	582
30	0.315	662
33	0.294	724
36	0.276	775
39	0.260	812
42	0.245	844
43	0.241	850

EXTRAPOLATED PRESSURE: INDETERMINATE

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INCREMENTAL READING DATA

Texas Energies, Inc.
Operator

Carrigan #1-34
Well Name and No.

1
DST No.

RECORDER NO.1620 DEPTH 2920 FT.

FINAL SHUT-IN
TOTAL FLOW TIME 63 MINUTES

O (MIN)	LOG T + O/O	PRESSURE (PSIG)
4	1.224	87
8	0.948	152
12	0.795	283
16	0.693	441
20	0.618	556
24	0.559	637
28	0.511	698
32	0.472	747
36	0.439	783
40	0.410	814
44	0.385	837
48	0.364	857
52	0.344	874
56	0.327	891
59	0.315	900

EXTRAPOLATED PRESSURE: 1183.8 PSI (Questionable)
SLOPE: 897 PSI/LOG CYCLE
POINTS USED 4

Phone
(303) 830-8080

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1776 Lincoln St., Suite 401
Denver, CO 80203

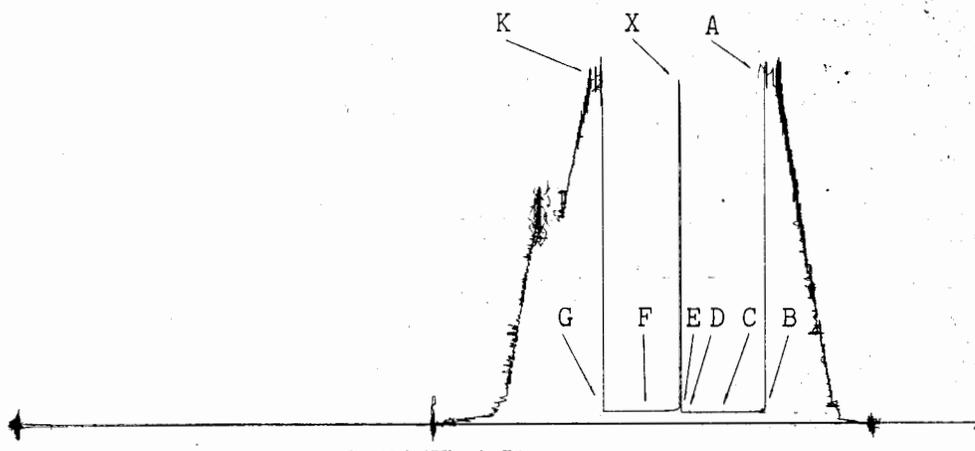
Contractor <u>Wheat State Drlg.</u>	Surface Choke <u>1"</u>	Mud Type <u>Starch</u>
Rig No. <u>3</u>	Bottom Choke <u>5/8"</u>	Weight <u>9.7</u>
Spot <u>C-N/2-NW/NE</u>	Hole Size <u>7 7/8"</u>	Viscosity <u>41</u>
Sec. <u>34</u>	Core Hole Size <u>--</u>	Water Loss <u>11.0</u>
Twp. <u>18 S</u>	DP Size & Wt. <u>4 1/2" XH 16.60</u>	Filter Cake <u>2/32</u>
Rng. <u>9 W</u>	Wt. Pipe <u>--</u>	Resistivity <u>-- @</u> of
Field <u>Not Reported</u>	I.D. of DC <u>--</u>	<u>58,000</u> Ppm. NaCl
County <u>Rice</u>	Length of DC <u>124.91'</u>	B.H.T. <u>102</u> of
State <u>Kansas</u>	Total Depth <u>3260'</u>	Co. Rep. <u>Scott Alberg</u>
Elevation <u>1735' K.B.</u>	Type Test <u>Conventional</u>	Tester <u>Ron Mitchell</u>
Formation <u>Conglomerate</u>	Interval <u>3220' - 3260'</u>	

Operator
Ticket No. 01477
Date 7/20/82
Texas Energies, Inc.

	REPORTED	CORRECTED	
Opened Tool @	11:15		hrs.
Flow No. 1	30	30	min.
Shut-in No. 1	30	30	min.
Flow No. 2	30	30	min.
Shut-in No. 2	30	30	min.
Flow No. 3	None Taken		min.
Shut-in No. 3	"	"	min.

Recorder Type	Kuster AK-1	
No. 1620	Cap.	4000 psi
Depth	3250 feet	
	Inside X	Outside

Initial Hydrostatic	A	1753
Final Hydrostatic	K	1728
Initial Flow	B	71
Final Initial Flow	C	54
Initial Shut-in	D	55
Second Initial Flow	E	55
Second Final Flow	F	61
Second Shut-in	G	61
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--



Well Name & No.
Location
County, State
Carrigan #1-34
S-34 T-18S R-9W
Rice County, Kansas

Pipe Recovery: 10' Mud

Recovery R W - 0.09 @ 70° F = 82,000 ppm. NaCl.

Surface blow:
1st flow: Tool opened with a very weak surface blow, died in 8 minutes and remained through flow period.

2nd flow: Tool opened with no blow. Bypassed tool (X on chart). Tool reopened with a surge, died immediately and remained through flow period.

Remarks: The pressure charts have not been time incremented has both shut-in pressure build-up curves have insufficient character to determine reliable extrapolated reservoir pressures and indicate virtually no effective permeability in the formation within the interval tested.

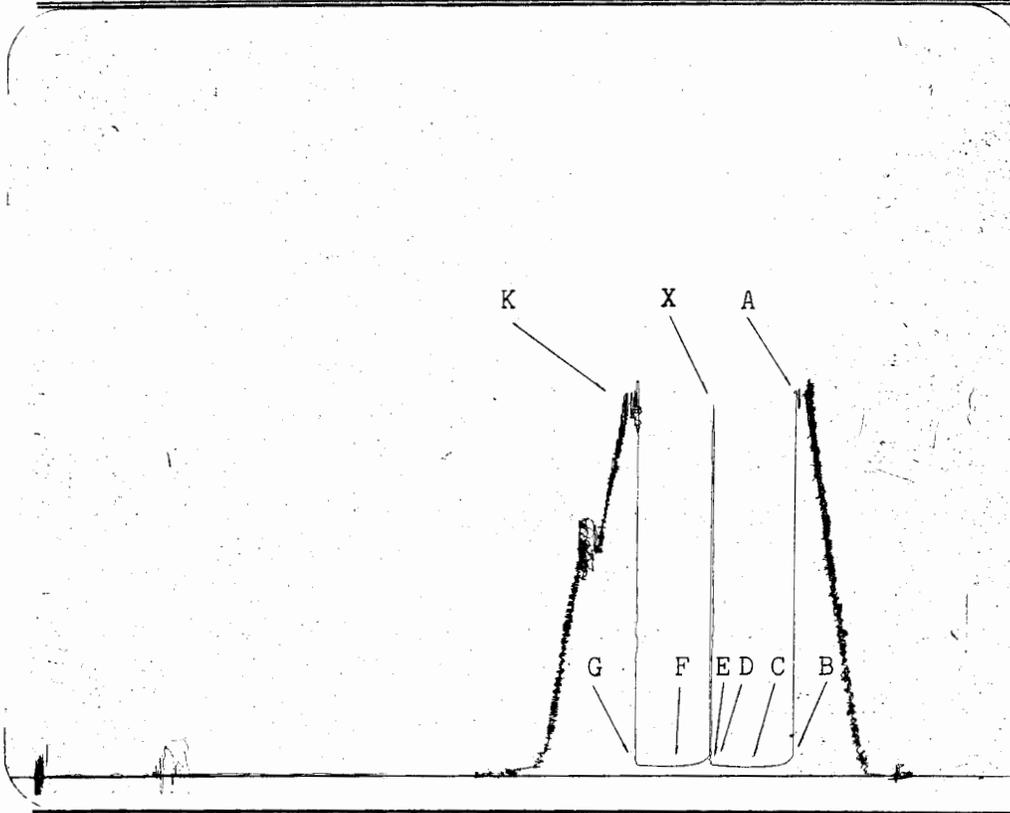
DST No. 2
Interval 3220' - 3260'
Formation Conglomerate

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Texas Energies, Inc.
Operator

Carrigan #1-34
Well Name and No.

2
DST No.



Recorder Type Kuster AK-1
No. 13409 Cap. 3525 psi
Depth 3255 feet
Inside Outside X

Initial Hydrostatic	A	<u>1749</u>
Final Hydrostatic	K	<u>1728</u>
Initial Flow	B	<u>93</u>
Final Initial Flow	C	<u>43</u>
Initial Shut-in	D	<u>52</u>
Second Initial Flow	E	<u>52</u>
Second Final Flow	F	<u>47</u>
Second Shut-in	G	<u>52</u>
Third Initial Flow	H	<u>--</u>
Third Final Flow	I	<u>--</u>
Third Shut-in	J	<u>--</u>

Pressure Below Bottom
Packer Bled To

Recorder Type _____
No. _____ Cap. _____ psi
Depth _____ feet
Inside Outside

Initial Hydrostatic	A	_____
Final Hydrostatic	K	_____
Initial Flow	B	_____
Final Initial Flow	C	_____
Initial Shut-in	D	_____
Second Initial Flow	E	_____
Second Final Flow	F	_____
Second Shut-in	G	_____
Third Initial Flow	H	_____
Third Final Flow	I	_____
Third Shut-in	J	_____

Pressure Below Bottom
Packer Bled To

Star Hughes

DISTRIBUTION OF FINAL REPORTS

Texas Energies, Inc.
Operator

Carrigan #1-34
Well Name and No.

(5) Texas Energies, Inc.
Box 947
Pratt, KS 67124

Phone
(303) 830-8080

Star Hughes

Denver Center Bldg.
1776 Lincoln St., Suite 401
Denver, CO 80203

Contractor <u>Wheat State Drlg.</u>	Surface Choke <u>1"</u>	Mud Type <u>Starch</u>
Rig No. <u>3</u>	Bottom Choke <u>5/8"</u>	Weight <u>9.9</u>
Spot <u>C-N/2-NW/NE</u>	Hole Size <u>7 7/8"</u>	Viscosity <u>40</u>
Sec. <u>34</u>	Core Hole Size <u>--</u>	Water Loss <u>18.2</u>
Twp. <u>18 S</u>	DP Size & Wt. <u>4 1/2" XH 16.60</u>	Filter Cake <u>2/32</u>
Rng. <u>9 W</u>	Wt. Pipe <u>--</u>	Resistivity <u>-- @ --</u> OF
Field <u>Not Reported</u>	I.D. of DC <u>--</u>	<u>48,000</u> Ppm. NaCl
County <u>Rice</u>	Length of DC <u>124.91'</u>	B.H.T. <u>Not Reported</u> OF
State <u>Kansas</u>	Total Depth <u>3323'</u>	Co. Rep. <u>Scott Alberg</u>
Elevation <u>1735' K.B.</u>	Type Test <u>Conventional</u>	Tester <u>Ron Mitchell</u>
Formation <u>Arbuckle</u>	Interval <u>3298'- 3323'</u>	

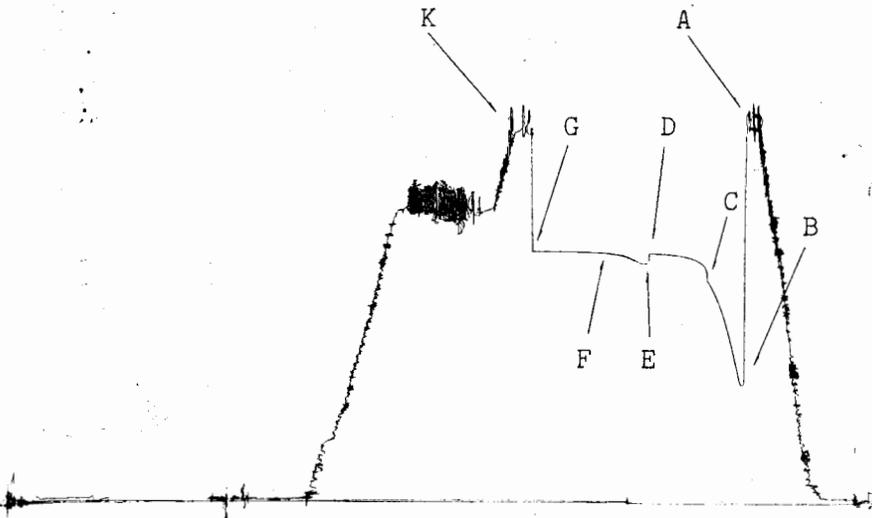
Operator
Ticket No. 01478
Date 7/21/82
Texas Energies, Inc.

	REPORTED	CORRECTED	hrs.
Opened Tool @	<u>Not Reported</u>		
Flow No. 1	<u>30</u>	<u>29</u>	min.
Shut-in No. 1	<u>45</u>	<u>45</u>	min.
Flow No. 2	<u>30</u>	<u>31</u>	min.
Shut-in No. 2	<u>60</u>	<u>60</u>	min.
Flow No. 3	<u>None Taken</u>		min.
Shut-in No. 3	<u>"</u>	<u>"</u>	min.

Recorder Type <u>Kuster AK-1</u>
No. <u>13409</u> Cap. <u>3525</u> psi
Depth <u>3313</u> feet
Inside X Outside

Initial Hydrostatic	A	<u>1724</u>
Final Hydrostatic	K	<u>1710</u>
Initial Flow	B	<u>539</u>
Final Initial Flow	C	<u>1021</u>
Initial Shut-in	D	<u>1147</u>
Second Initial Flow	E	<u>1101</u>
Second Final Flow	F	<u>1147</u>
Second Shut-in	G	<u>1157</u>
Third Initial Flow	H	<u>--</u>
Third Final Flow	I	<u>--</u>
Third Shut-in	J	<u>--</u>

Well Name & No. Carrigan #1-34
Location S-34 T-18S R-9W
County, State Rice County, Kansas



Pipe Recovery: 2550' Total fluid
 1070' Saltwater
 1480' Muddy saltwater

Top sample R W - 0.10 @ 70° F = 75,000 ppm. NaCl.
Bottom sample R W - 0.12 @ 70° F = 62,000 ppm. NaCl.

Surface blow:
1st flow: Tool opened with a fair blow, increased to a strong blow off bottom of bucket in 5 minutes and remained through flow period.

2nd flow: Tool opened with a strong blow off bottom of bucket; decreased to a weak blow in 20 minutes and remained through flow period.

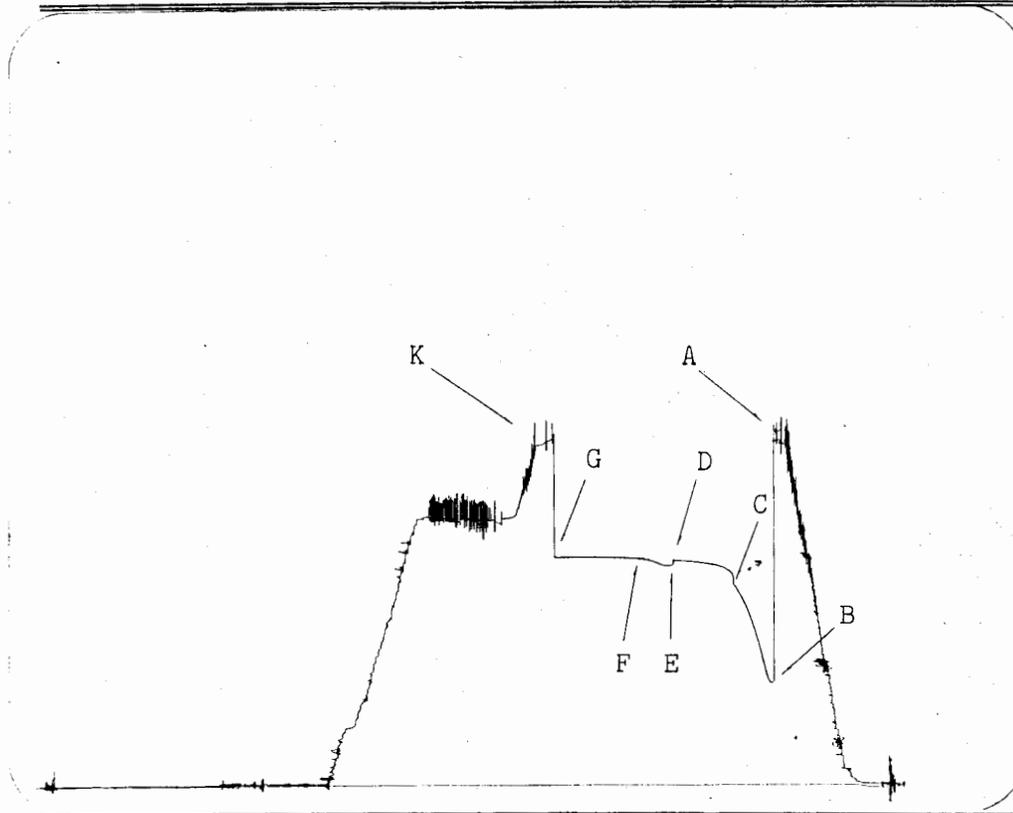
DST No. 3
Interval 3298' - 3323'
Formation Arbuckle

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Texas Energies, Inc.
Operator

Carrigan #1-35
Well Name and No.

3
DST No.



Recorder Type Kuster AK-1
No. 1620 Cap. 4000 psi
Depth 3318 feet
Inside Outside X

Initial Hydrostatic	A	<u>1739</u>
Final Hydrostatic	K	<u>1721</u>
Initial Flow	B	<u>522</u>
Final Initial Flow	C	<u>1018</u>
Initial Shut-in	D	<u>1140</u>
Second Initial Flow	E	<u>1113</u>
Second Final Flow	F	<u>1151</u>
Second Shut-in	G	<u>1157</u>
Third Initial Flow	H	<u>--</u>
Third Final Flow	I	<u>--</u>
Third Shut-in	J	<u>--</u>

Pressure Below Bottom
Packer Bled To

Recorder Type _____
No. _____ Cap. _____ psi
Depth _____ feet
Inside Outside

Initial Hydrostatic	A	_____
Final Hydrostatic	K	_____
Initial Flow	B	_____
Final Initial Flow	C	_____
Initial Shut-in	D	_____
Second Initial Flow	E	_____
Second Final Flow	F	_____
Second Shut-in	G	_____
Third Initial Flow	H	_____
Third Final Flow	I	_____
Third Shut-in	J	_____

Pressure Below Bottom
Packer Bled To

Star Hughes

INCREMENTAL READING DATA

Texas Energies, Inc.
Operator

Carrigan #1-34
Well Name and No.

3
DST No.

RECORDER NO.13409 DEPTH 3313 FT.

INITIAL SHUT-IN

INITIAL FLOW TIME 29 MINUTES

O (MIN)	LOG T + O/O	PRESSURE (PSIG)
3	1.028	1090
6	0.765	1106
9	0.625	1115
12	0.533	1122
15	0.467	1127
18	0.416	1131
21	0.376	1135
24	0.344	1138
27	0.316	1140
30	0.293	1142
33	0.273	1143
36	0.256	1144
39	0.241	1145
42	0.228	1146
45	0.216	1147

EXTRAPOLATED PRESSURE: 1162.5 PSI
SLOPE: 71 PSI/LOG CYCLE
POINTS USED 9

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INCREMENTAL READING DATA

Texas Energies, Inc.
Operator

Carrigan #1-34
Well Name and No.

3
DST No.

RECORDER NO.13409 DEPTH 3313 FT.

FINAL SHUT-IN
TOTAL FLOW TIME 60 MINUTES

O (MIN)	LOG T + O/O	PRESSURE (PSIG)
4	1.204	1150
8	0.929	1152
12	0.778	1154
16	0.676	1155
20	0.602	1155
24	0.544	1155
28	0.497	1156
32	0.458	1156
36	0.425	1156
40	0.397	1157
44	0.373	1157
48	0.352	1157
52	0.333	1157
56	0.316	1157
60	0.301	1157

EXTRAPOLATED PRESSURE: 1159.7 PSI
SLOPE: 7 PSI/LOG CYCLE
POINTS USED 15