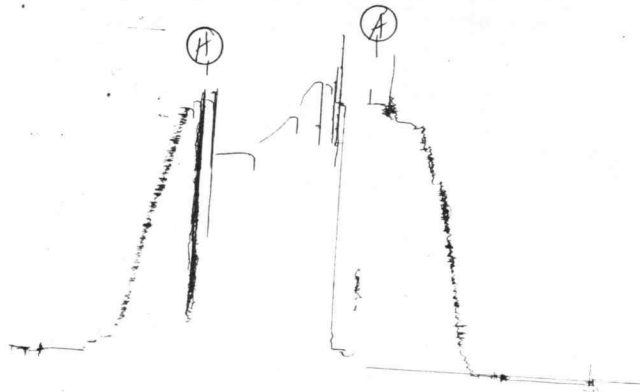


TH # 3455
I

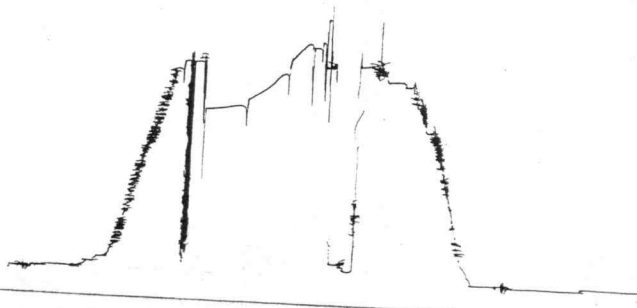
TEXAS PATROL
BARNES 1-25
PST 1



6244

TRC # 3465
0

TEXAS ENERGY
BARNES 125
DST 1





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

Company Texas Energies, Inc. Lease & Well No. Barnes #1-25
Elevation 1750 Ground Level Formation Grand Haven Lime Effective Pay -- Ft. Ticket No. 3455
Date 12/15/79 Sec. 25 Twp. 27S Range 12W County Pratt State Kansas
Test Approved by Toby Elster Western Representative Dave Sloan

Formation Test No. 1 Interval Tested from 2737 ft. to 2788 ft. Total Depth 2788 ft.

Packer Depth 2732 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2737 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2748 ft.

Recorder Number 2604 Cap. 4150

Bottom Recorder Depth (Outside) 2751 ft.

Recorder Number 6246 Cap. 5200

Below Straddle Recorder Depth - ft.

Recorder Number - Cap. -

Drilling Contractor Gabbert-Jones Rig #6

Drill Collar Length 120 I. D. 2.2 in.

Mud Type starch Viscosity 37

Weight Pipe Length - I. D. - in.

Weight 9.6 Water Loss 24.0 cc.

Drill Pipe Length 2597 I. D. 3.8 in.

Chlorides 75,000 P.P.M.

Test Tool Length 20 ft. Tool Size 5 1/2 OD in.

Jars: Make -- Serial Number --

Anchor Length 30DC + 21 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 dying after twenty minutes on initial flow; flushed tool; blow died five minutes.

Recovered 150 ft. of drilling mud - chlorides 60,000 ppm

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

MISRUN

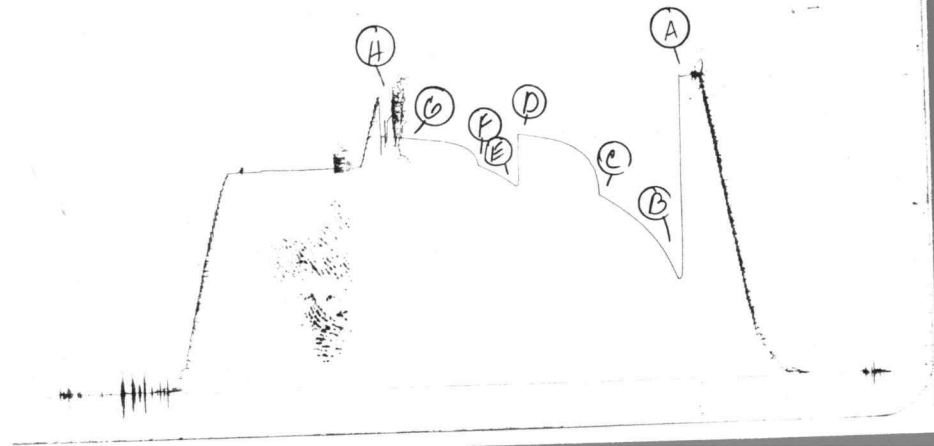
TOOL PLUGGED WITH CUTTINGS.

Recovered - ft. of -

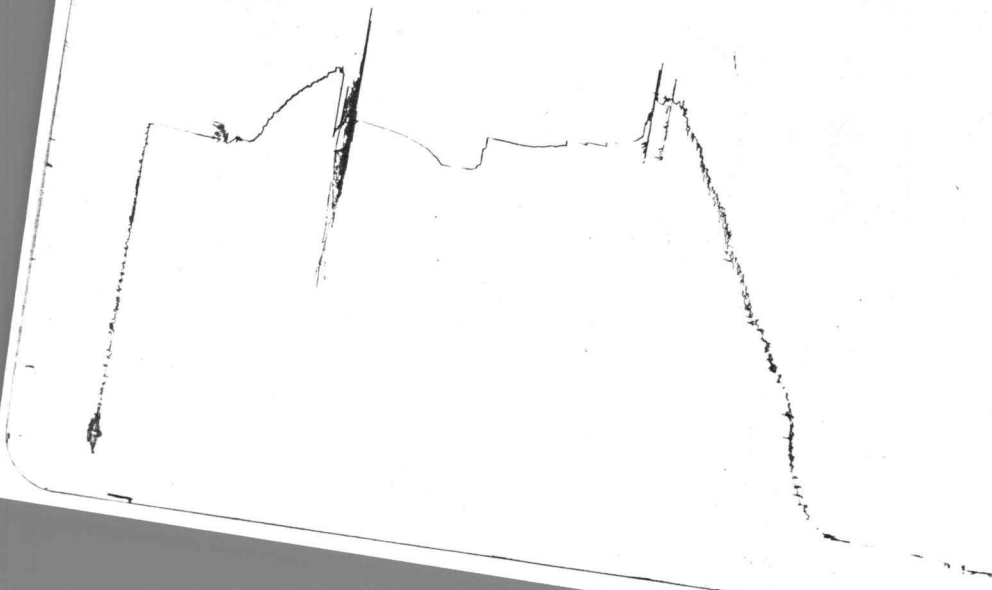
Remarks: SLID TOOL TWENTY FEET + AFTER TOOL OPENED - SLID TOOL TEN FEET + AFTER FLUSHING TOOL.

Time Set Packer(s) 9:08 ~~A.M.~~ P.M. Time Started Off Bottom 10:58 ~~A.M.~~ P.M. Maximum Temperature --
Initial Hydrostatic Pressure (A) 1370 P.S.I.
Initial Flow Period Minutes 35 (B) -- P.S.I. to (C) -- P.S.I.
Initial Closed In Period Minutes 15 (D) -- P.S.I.
Final Flow Period Minutes 30 (E) -- P.S.I. to (F) -- P.S.I.
Final Closed In Period Minutes 30 (G) -- P.S.I.
Final Hydrostatic Pressure (H) 1406 P.S.I.

3354-04-12
1kt #3477
I



1212 DSPA 2
TK # 3477
Below Straddle





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

Company Texas Energies, Inc. Lease & Well No. Barnes #1-25
Elevation 1773 Kelly Bushing Formation Toronto Effective Pay -- Ft. Ticket No. 3477
Date 12/18/79 Sec. 25 Twp. 27S Range 12W County Pratt State Kansas
Test Approved by Toby Elster Western Representative Mike Tritt
Formation Test No. 2 Interval Tested from 3423 ft. to 3483 ft. Total Depth 3519 ft.
Packer Depth 3418 ft. Size 6 3/4 in. Packer Depth 3483 ft. Size 6 3/4 in.
Packer Depth 3423 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3443 ft. Recorder Number 3354 Cap. 4200
Bottom Recorder Depth (Outside) 3446 ft. Recorder Number 2605 Cap. 4150
Below Straddle Recorder Depth 3516 ft. Recorder Number - Cap. -
Drilling Contractor Gabbert-Jones Drilling Drill Collar Length 457 I. D. 2 1/4 in.
Mud Type drispac Viscosity 37 Weight Pipe Length - I. D. - in.
Weight 9.1 Water Loss 6.2 cc. Drill Pipe Length 3002 I. D. 3.8 in.
Chlorides 30,000 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 OD in.
Jars: Make WTC Serial Number 404 Anchor Length 60 ft. Size 5 1/2 OD in.
Did Well Flow? No Reversed Out Yes 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 decreasing to good blow om first and second flow periods.

Recovered 2400 ft. of salt water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Slid tool seventeen feet down hole.

Time Set Packer(s) 9:15 A.M. Time Started Off Bottom 12:45 P.M. Maximum Temperature 112⁰
Initial Hydrostatic Pressure (A) 1659 P.S.I.
Initial Flow Period Minutes 60 (B) 549 P.S.I. to (C) 1021 P.S.I.
Initial Closed In Period Minutes 60 (D) 1369 P.S.I.
Final Flow Period Minutes 30 (E) 1084 P.S.I. to (F) 1200 P.S.I.
Final Closed In Period Minutes 60 (G) 1363 P.S.I.
Final Hydrostatic Pressure (H) 1568 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12/18/79 Test Ticket No. 3477

Recorder No. 3354 Capacity 4200 Location 3443 Ft.

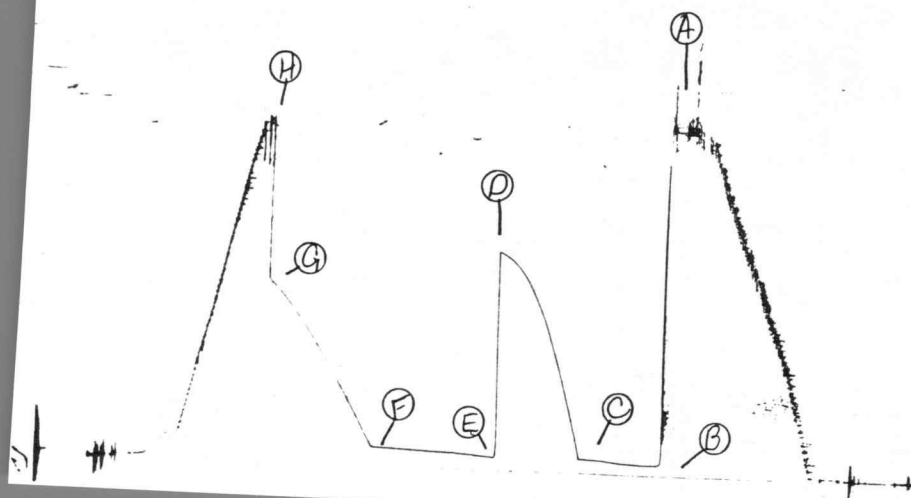
Clock No. ---- Elevation 1773 Kelly Bushing Well Temperature 112 °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1659</u> P.S.I.		<u>9:15A</u> M	
B First Initial Flow Pressure	<u>549</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>1021</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1369</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>1084</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>1200</u> P.S.I.			
G Final Closed-in Pressure	<u>1363</u> P.S.I.			
H Final Hydrostatic Mud	<u>1568</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>6</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>549</u>	<u>0</u>	<u>1021</u>	<u>0</u>	<u>1084</u>	<u>0</u>	<u>1200</u>
P 2 <u>5</u>	<u>580</u>	<u>3</u>	<u>1158</u>	<u>5</u>	<u>1103</u>	<u>3</u>	<u>1262</u>
P 3 <u>10</u>	<u>658</u>	<u>6</u>	<u>1194</u>	<u>10</u>	<u>1127</u>	<u>6</u>	<u>1283</u>
P 4 <u>15</u>	<u>724</u>	<u>9</u>	<u>1230</u>	<u>15</u>	<u>1150</u>	<u>9</u>	<u>1300</u>
P 5 <u>20</u>	<u>776</u>	<u>12</u>	<u>1253</u>	<u>20</u>	<u>1171</u>	<u>12</u>	<u>1312</u>
P 6 <u>25</u>	<u>819</u>	<u>15</u>	<u>1268</u>	<u>25</u>	<u>1186</u>	<u>15</u>	<u>1319</u>
P 7 <u>30</u>	<u>857</u>	<u>18</u>	<u>1283</u>	<u>30</u>	<u>1200</u>	<u>18</u>	<u>1325</u>
P 8 <u>35</u>	<u>890</u>	<u>21</u>	<u>1300</u>			<u>21</u>	<u>1333</u>
P 9 <u>40</u>	<u>920</u>	<u>24</u>	<u>1309</u>			<u>24</u>	<u>1338</u>
P10 <u>45</u>	<u>946</u>	<u>27</u>	<u>1319</u>			<u>27</u>	<u>1342</u>
P11 <u>50</u>	<u>977</u>	<u>30</u>	<u>1325</u>			<u>30</u>	<u>1344</u>
P12 <u>55</u>	<u>998</u>	<u>33</u>	<u>1331</u>			<u>33</u>	<u>1347</u>
P13 <u>60</u>	<u>1021</u>	<u>36</u>	<u>1338</u>			<u>36</u>	<u>1350</u>
P14		<u>39</u>	<u>1342</u>			<u>39</u>	<u>1352</u>
P15		<u>42</u>	<u>1346</u>			<u>42</u>	<u>1355</u>
P16		<u>45</u>	<u>1352</u>			<u>45</u>	<u>1357</u>
P17		<u>48</u>	<u>1357</u>			<u>48</u>	<u>1359</u>
P18		<u>51</u>	<u>1359</u>			<u>51</u>	<u>1360</u>
P19		<u>54</u>	<u>1363</u>			<u>54</u>	<u>1361</u>
P20		<u>57</u>	<u>1366</u>			<u>57</u>	<u>1362</u>
		<u>60</u>	<u>1369</u>			<u>60</u>	<u>1363</u>

TK1# 3478
I.





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

Company Texas Energies, Inc. Lease & Well No. Barnes #1-25
Elevation 1773 Kelly Bush. Formation Kansas City Effective Pay - Ft. Ticket No. 3478
Date 12-20-79 Sec. 25 Twp 27S Range 12W County Pratt State Kansas
Test Approved by Toby Elster Western Representative Mike Tritt
Formation Test No. 3 Interval Tested from 3877 ft. to 3935 ft. Total Depth 3935 ft.
Packer Depth 3872 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 3877 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3879 ft. Recorder Number 3354 Cap. 4200
Bottom Recorder Depth (Outside) 3882 ft. Recorder Number 2605 Cap. 4150
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Gabbert-Jones Drilling Drill Collar Length 61 I. D. 2 1/4 in.
Mud Type MonPac--Starch Viscosity 35 Weight Pipe Length - I. D. - in.
Weight 9.3 Water Loss 6.0 cc. Drill Pipe Length - I. D. - in.
Chlorides 45,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
Jars: Make - Serial Number - Anchor Length 30 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: Strong blow, gas to surface in twenty-five minutes. See attached sheet for gas measurements.

Recovered 60 ft. of oil and gas cut mud
Recovered 30 ft. of heavy oil and gas cut mud
Recovered 60 ft. of gassy muddy water
Recovered 90 ft. of gassy water
Recovered ft. of
Remarks: Slid tool 10' down hole

Time Set Packer(s) 5:55 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 10:40 ~~P.M.~~ ^{A.M.} Maximum Temperature 130
Initial Hydrostatic Pressure 1896 P.S.I.
Initial Flow Period 60 Minutes (B) 64 P.S.I. to (C) 76 P.S.I.
Initial Closed In Period 60 Minutes (D) 1180 P.S.I.
Final Flow Period 90 Minutes (E) 70 P.S.I. to (F) 104 P.S.I.
Final Closed In Period 78 Minutes (G) 992 P.S.I.
Final Hydrostatic Pressure 1862 P.S.I. (H)

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

GAS FLOW REPORT

Date 12/20/79 Ticket 3478 Company Texas Energies, Inc.
Well Name and No. Barnes #1-25 Dst No. 3 Interval Tested 3877'-3935'
County Pratt State Kansas Sec. 25 Twp. 27S Rg. 12W

[illegible]

GAS BOTTLE

Serial No. 11307 Date Bottle Filled 12/20/79 Date to be Invoiced 12/20/79

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 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.
Toby Elster
 Authorized by _____

WESTERN TESTING CO., INC.

Pressure Data

Date 12-20-79 Recorder No. 3354 Capacity 4200 Test Ticket No. 3478 Location 3879 Ft.
Clock No. - Elevation 1773 Kelly Bushing Well Temperature 130 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1896 P.S.I.	Open Tool	5:55A. M	
B First Initial Flow Pressure	64 P.S.I.	First Flow Pressure	60 Mins.	60 Mins.
C First Final Flow Pressure	76 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1180 P.S.I.	Second Flow Pressure	90 Mins.	90 Mins.
E Second Initial Flow Pressure	70 P.S.I.	Final Closed-in Pressure	75 Mins.	78 Mins.
F Second Final Flow Pressure	103 P.S.I.			
G Final Closed-in Pressure	991 P.S.I.			
H Final Hydrostatic Mud	1862 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>30</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>0</u>	64	<u>0</u>	76	<u>0</u>	70	<u>0</u>	104
P 2 <u>5</u>	55	<u>3</u>	171	<u>5</u>	74	<u>3</u>	133
P 3 <u>10</u>	55	<u>6</u>	264	<u>10</u>	78	<u>6</u>	170
P 4 <u>15</u>	57	<u>9</u>	350	<u>15</u>	81	<u>9</u>	211
P 5 <u>20</u>	57	<u>12</u>	437	<u>20</u>	84	<u>12</u>	254
P 6 <u>25</u>	59	<u>15</u>	521	<u>25</u>	87	<u>15</u>	292
P 7 <u>30</u>	61	<u>18</u>	599	<u>30</u>	89	<u>18</u>	329
P 8 <u>35</u>	65	<u>21</u>	674	<u>35</u>	90	<u>21</u>	369
P 9 <u>40</u>	72	<u>24</u>	749	<u>40</u>	91	<u>24</u>	414
P10 <u>45</u>	74	<u>27</u>	810	<u>45</u>	92	<u>27</u>	450
P11 <u>50</u>	74	<u>30</u>	865	<u>50</u>	94	<u>30</u>	487
P12 <u>55</u>	76	<u>33</u>	916	<u>55</u>	96	<u>33</u>	525
P13 <u>60</u>	76	<u>36</u>	964	<u>60</u>	97	<u>36</u>	565
P14		<u>39</u>	1011	<u>65</u>	99	<u>39</u>	603
P15		<u>42</u>	1049	<u>70</u>	100	<u>42</u>	641
P16		<u>45</u>	1078	<u>75</u>	101	<u>45</u>	677
P17		<u>48</u>	1106	<u>80</u>	102	<u>48</u>	711
P18		<u>51</u>	1131	<u>85</u>	103	<u>51</u>	745
P19		<u>54</u>	1150	<u>90</u>	104	<u>54</u>	776
P20		<u>57</u>	1165			<u>57</u>	808
		<u>60</u>	1180			<u>60</u>	839

WESTERN TESTING CO., INC.

Pressure Data

Date 12-20-79 Test Ticket No. 3478
 Recorder No. 3354 Capacity 4200 Location 3879 Ft.
 Clock No. - Elevation 1773 Kelly Bushing Well Temperature 130 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>1896</u> P.S.I.	Open Tool	<u>5:55A.</u> M	
B. First Initial Flow Pressure	<u>64</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
C. First Final Flow Pressure	<u>76</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D. Initial Closed-in Pressure	<u>1180</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>90</u> Mins.
E. Second Initial Flow Pressure	<u>70</u> P.S.I.	Final Closed-in Pressure	<u>75</u> Mins.	<u>78</u> Mins.
F. Second Final Flow Pressure	<u>103</u> P.S.I.			
G. Final Closed-in Pressure	<u>991</u> P.S.I.			
H. Final Hydrostatic Mud	<u>1862</u> 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: 20 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 30 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 26 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	867
P 2						66	897
P 3						69	924
P 4						72	949
P 5						75	970
P 6						78	992
P 7							
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							