



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

WESTERN TESTING CO., INC.
FORMATION TESTING

ADT Last Test
Turn Per
TICKET NO 19122

Elevation 3317 K.B. Formation Upper Hayes Eff. Pay _____ Ft.

District Granger City Date 6-4-93 Customer Order No. _____

COMPANY NAME Mustang Oil & Gas Corp.

ADDRESS 155 N. Market #350 Wichita, KS. 67202

LEASE AND WELL NO. lane 1-25 COUNTY Stanton STATE KS. Sec. 25 Twp. 27S Rge. 41W.

Mail Invoice To Mustang Oil & Gas Co. Name Same Address 11125 Lane No. Copies Requested Req.

Mail Charts To Mustang Oil & Gas Co. Name Same Address _____ No. Copies Requested Req.

Formation Test No. 1 Interval Tested From 5336 ft. to 5372 ft. Total Depth 5372 ft.

Packer Depth 5331 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 5336 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 5358 ft. Recorder Number 3849 Cap. 4200

Bottom Recorder Depth (Outside) 5361 ft. Recorder Number 2604 Cap. 4150

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

Drilling Contractor Transpac Rig 2 Drill Collar Length 520 I. D. 2 1/4 in.

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

Weight 90 Water Loss 8.0 cc. Drill Pipe Length 4784 I. D. 3.8 in.

Chlorides 3000 P.P.M. Test Tool Length 32 ft. Tool Size 5 1/2 in.

Jars: Make M.T.C. Serial Number 404 Anchor Length 36 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 x 1 1/2 in.

Blow: Very weak 1/4" decreased to a Surface Blow 30 min. I.F.
No Blow F.F.

Recovered 50 ft. of Dry Mud

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of Total Fluid Rec. 50'

Chlorides _____ P.P.M. Sample Jars used _____ Remarks: Slid tool 15' to Bottom.

JUN 08 1993

Time On Location 8:00 A.M. Time Pick Up Tool 10:20 A.M. Time Off Location _____ A.M.

Time Set Packer(s) 12:30 P.M. Time Started Off Bottom 4:15 P.M. Maximum Temperature 133°F

Initial Hydrostatic Pressure _____ (A) 2614 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 57 P.S.I. to (C) 65 P.S.I.

Initial Closed In Period _____ Minutes 45 (D) 1357 P.S.I.

Final Flow Period _____ Minutes 60 (E) 65 P.S.I. to (F) 65 P.S.I.

Final Closed In Period _____ Minutes 90 (G) 1320 P.S.I.

Final Hydrostatic Pressure _____ (H) 2544 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 Andrew Laplaff Jerry Britcher
Signature of Customer or his authorized representative

Western Representative Jerry S. Salge

FIELD INVOICE

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



Fluid Sample Report

Date 6-4-93 Ticket No. 19122
 Company Mustang Oil Co.
 Well Name & No. Lane 1-25 DST No. 1
 County Stanton State KS
 Sampler No. 200 Test Interval 5336-5372

Pressure in Sampler 5 PSIG BHT 133 OF

Total Volume of Sampler 3150 cc.

Total Volume of Sample: 2750 cc.

Oil: cc.

Water: cc.

Mud: 2750 cc.

Gas: cu. ft.

Other:

Resistivity

Water: @ of Chloride Content ppm.

Mud Pit Sample 1.3 @ 65°F of Chloride Content 5,000 ppm.

Gas/Oil Ratio Gravity °API @ OF

Where was sample drained On location

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 6-4-93

Test Ticket No. 19122

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud <u>2614</u>	P.S.I.	Open Tool	M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>42</u> Mins.
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>90</u> Mins.
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final Hydrostatic Mud <u>2602</u>	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ 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>106</u>	<u>0</u>	<u>110</u>	<u>0</u>	<u>121</u>	<u>0</u>	<u>127</u>
P 2 <u>5</u>	<u>107</u>	<u>3</u>	<u>121</u>	<u>5</u>	<u>121</u>	<u>3</u>	<u>130</u>
P 3 <u>10</u>	<u>107</u>	<u>6</u>	<u>170</u>	<u>10</u>	<u>121</u>	<u>6</u>	<u>140</u>
P 4 <u>15</u>	<u>108</u>	<u>9</u>	<u>308</u>	<u>15</u>	<u>122</u>	<u>9</u>	<u>170</u>
P 5 <u>20</u>	<u>109</u>	<u>12</u>	<u>600</u>	<u>20</u>	<u>122</u>	<u>12</u>	<u>212</u>
P 6 <u>25</u>	<u>109</u>	<u>15</u>	<u>803</u>	<u>25</u>	<u>122</u>	<u>15</u>	<u>302</u>
P 7 <u>30</u>	<u>110</u>	<u>18</u>	<u>924</u>	<u>30</u>	<u>123</u>	<u>18</u>	<u>414</u>
P 8 <u>35</u>		<u>21</u>	<u>1064</u>	<u>35</u>	<u>124</u>	<u>21</u>	<u>621</u>
P 9 <u>40</u>		<u>24</u>	<u>1132</u>	<u>40</u>	<u>124</u>	<u>24</u>	<u>748</u>
P10 <u>45</u>		<u>27</u>	<u>1213</u>	<u>45</u>	<u>125</u>	<u>27</u>	<u>771</u>
P11 <u>50</u>		<u>30</u>	<u>1266</u>	<u>50</u>	<u>126</u>	<u>30</u>	<u>855</u>
P12 <u>55</u>		<u>33</u>	<u>1311</u>	<u>55</u>	<u>126</u>	<u>33</u>	<u>927</u>
P13 <u>60</u>		<u>36</u>	<u>1345</u>	<u>60</u>	<u>127</u>	<u>36</u>	<u>993</u>
P14 <u>65</u>		<u>39</u>	<u>1374</u>	<u>65</u>		<u>39</u>	<u>1046</u>
P15 <u>70</u>		<u>42</u>	<u>1410</u>	<u>70</u>		<u>42</u>	<u>1088</u>
P16 <u>75</u>		<u>45</u>		<u>75</u>		<u>45</u>	<u>1133</u>
P17 <u>80</u>		<u>48</u>		<u>80</u>		<u>48</u>	<u>1165</u>
P18 <u>85</u>		<u>51</u>		<u>85</u>		<u>51</u>	<u>1196</u>
P19 <u>90</u>		<u>54</u>		<u>90</u>		<u>54</u>	<u>1220</u>
P20 <u>95</u>		<u>57</u>		<u>95</u>		<u>57</u>	<u>1242</u>
<u>100</u>		<u>60</u>		<u>100</u>		<u>60</u>	<u>1261</u>

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 19122

Recorder No. _____ Capacity _____ Location _____ Ft. _____

Clock No. _____ Elevation _____ Well Temperature _____ °F

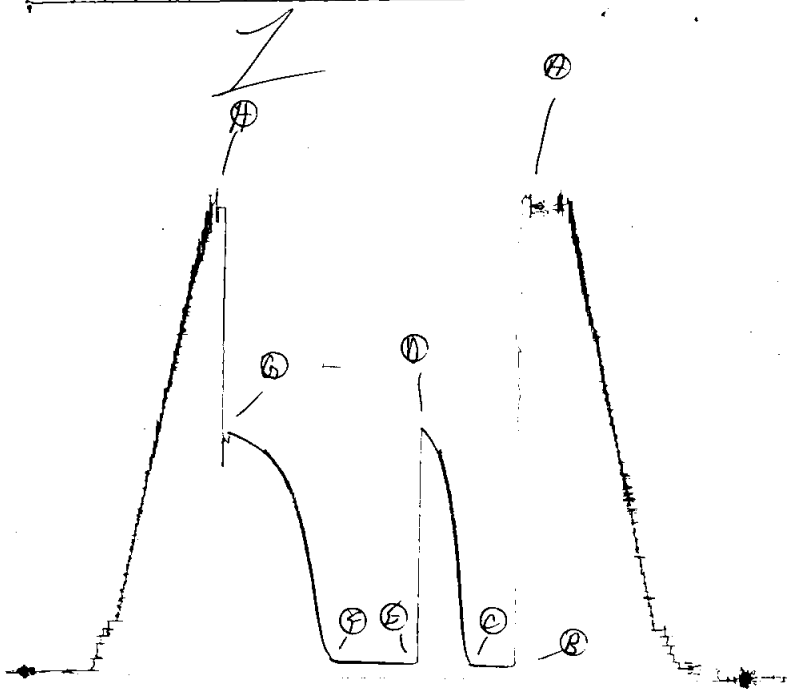
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I. _____	Open Tool _____	M _____	
B First Initial Flow Pressure _____	P.S.I. _____	First Flow Pressure _____	Mins. _____	Mins. _____
C First Final Flow Pressure _____	P.S.I. _____	Initial Closed-in Pressure _____	Mins. _____	Mins. _____
D Initial Closed-in Pressure _____	P.S.I. _____	Second Flow Pressure _____	Mins. _____	Mins. _____
E Second Initial Flow Pressure _____	P.S.I. _____	Final Closed-in Pressure _____	Mins. <u>90</u>	Mins. _____
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

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of _____ mins. and a		of _____ mins. and a		of _____ mins. and a		of _____ mins. and a	
final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>105</u>		<u>63</u>		<u>105</u>		<u>63</u>	<u>1280</u>
P 2 <u>110</u>		<u>66</u>		<u>110</u>		<u>66</u>	<u>1295</u>
P 3 <u>115</u>		<u>69</u>		<u>115</u>		<u>69</u>	<u>1308</u>
P 4 <u>120</u>		<u>72</u>		<u>120</u>		<u>72</u>	<u>1320</u>
P 5 <u>125</u>		<u>75</u>		<u>125</u>		<u>75</u>	<u>1330</u>
P 6 <u>130</u>		<u>78</u>		<u>130</u>		<u>78</u>	<u>1341</u>
P 7 <u>135</u>		<u>81</u>		<u>135</u>		<u>81</u>	<u>1351</u>
P 8 <u>140</u>		<u>84</u>		<u>140</u>		<u>84</u>	<u>1359</u>
P 9 <u>145</u>		<u>87</u>		<u>145</u>		<u>87</u>	<u>1366</u>
P10 <u>150</u>		<u>90</u>		<u>150</u>		<u>90</u>	<u>1370</u>
P11 <u>155</u>		<u>93</u>		<u>155</u>		<u>93</u>	
P12 <u>160</u>		<u>96</u>		<u>160</u>		<u>96</u>	
P13 <u>165</u>		<u>99</u>		<u>165</u>		<u>99</u>	
P14 <u>170</u>		<u>102</u>		<u>170</u>		<u>102</u>	
P15 <u>175</u>		<u>105</u>		<u>175</u>		<u>105</u>	
P16 <u>180</u>		<u>108</u>		<u>180</u>		<u>108</u>	
P17 <u>185</u>		<u>111</u>		<u>185</u>		<u>111</u>	
P18 <u>190</u>		<u>114</u>		<u>190</u>		<u>114</u>	
P19 <u>195</u>		<u>117</u>		<u>195</u>		<u>117</u>	
P20 <u>200</u>		<u>120</u>		<u>200</u>		<u>120</u>	

JK + KILL

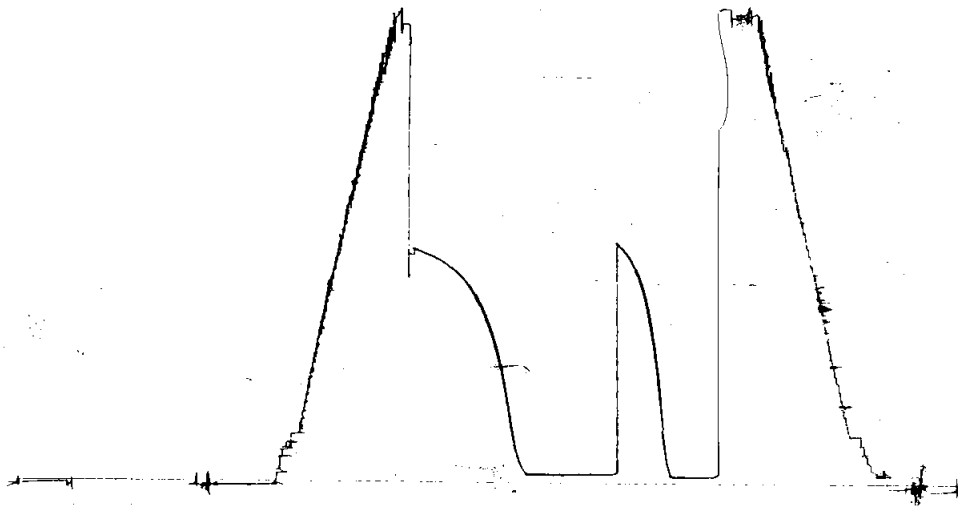
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KT 19/II

2604 PST1

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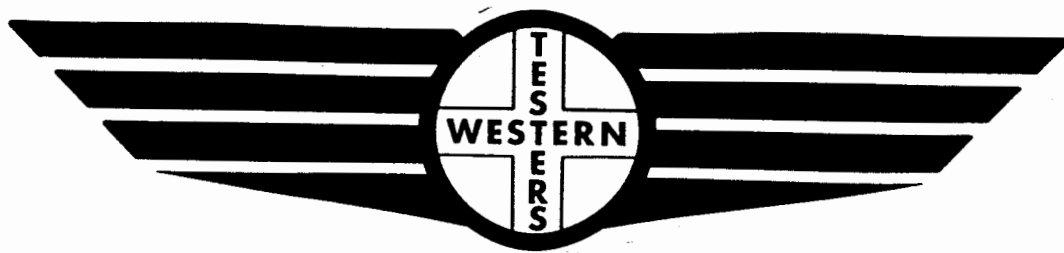
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FORMATION

TEST

REPORT

RELEASED
SEP 6 1994
FROM CONFIDENTIAL



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

COMPANY MUSTANG OIL & GAS CORP
LEASE & WELL NO. #1-25 LANE
SEC. 25 TWP. 27S RGE. 41W TEST NO. 1
DATE 6/4/93

DST REPORT

GENERAL INFORMATION

DATE	: 6/4/93	TICKET	: 19122
CUSTOMER	: MUSTANG OIL & GAS CORP	LEASE	: LANE
WELL	: #1-25	TEST:	1
ELEVATION	: 3317 KB	GEOLOGIST	: RATZLAFF
SECTION	: 25	FORMATION	: UPPER KEYES
RANGE	: 41W	TOWNSHIP	: 27S
GAUGE SN#	: 3849	STATE	: KS
COUNTY	: STANTON	CLOCK	: 12
RANGE	: 4200		

WELL INFORMATION

PERFORATION INTERVAL FROM:	5336.00 ft	TO:	5372.00 ft	TVD:	5372.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	5358.0 ft		5361.0 ft		
TEMPERATURE:	133.0				
DRILL COLLAR LENGTH:	520.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	4784.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	32.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	36.0 ft	ANCHOR SIZE:		5.500 in	
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:		0.750 in	
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :		4.5XH	
PACKER DEPTH:	5331.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	5336.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON. :	TRANSPAC RIG 2	VISCOSITY :	41.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	8.000 cc
WEIGHT :	9.000 ppg		
CHLORIDES :	3000 ppm	SERIAL NUMBER:	404
JARS-MAKE :	WTC.	REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD VERY WEAK 1/4 INCH BLOW -
DECREASED TO A SURFACE BLOW IN 30 MINUTES. FINAL
FLOW PERIOD NO BLOW.

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DST REPORT (CONTINUED)

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COMMENTS (CONTINUED)

Comment

SLID TOOL 15 FT TO BOTTOM.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
50.0	0.0	0.0	0.0	100.0	DRILLING MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	0.2459	STB		
WATER VOLUME:	0.0000	STB		
TOTAL FLUID :	0.2459	STB		
			TOTAL FLOW TIME:	90.0000 min.
			AVERAGE OIL RATE:	0.0000 STB/D
			AVERAGE WATER RATE:	0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2614.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	57.00	65.00
INITIAL SHUT-IN	45.00		1357.00
FINAL FLOW	60.00	65.00	65.00
FINAL SHUT-IN	90.00		1320.00

FINAL HYDROSTATIC PRESSURE: 2544.00

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FROM CONFIDENTIAL

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2614.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	106.00	110.00
INITIAL SHUT-IN	42.00		1410.00
FINAL FLOW	60.00	121.00	127.00
FINAL SHUT-IN	90.00		1370.00

FINAL HYDROSTATIC PRESSURE: 2602.00

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PRESSURE TRANSIENT REPORT **CONFIDENTIAL****GENERAL INFORMATION**

DATE : 6/4/93	TICKET : 19122
CUSTOMER : MUSTANG OIL & GAS CORP	LEASE : LANE
WELL : #1-25 TEST: 1	GEOLOGIST: RATZLAFF
ELEVATION: 3317 KB	FORMATION: UPPER KEYES
SECTION : 25	TOWNSHIP : 27S
RANGE : 41W	STATE : KS
COUNTY: STANTON	CLOCK : 12
RANGE : 4200	
GAUGE SN#: 3849	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	106.00	106.00
5.00	107.00	1.00
10.00	107.00	0.00
15.00	108.00	1.00
20.00	109.00	1.00
25.00	109.00	0.00
30.00	110.00	1.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	121.00	121.00	0.00
6.00	170.00	49.00	0.00
9.00	308.00	138.00	0.00
12.00	600.00	292.00	0.00
15.00	803.00	203.00	0.00
18.00	924.00	121.00	0.00
21.00	1064.00	140.00	0.00
24.00	1132.00	68.00	0.00
27.00	1213.00	81.00	0.00
30.00	1266.00	53.00	0.00
33.00	1311.00	45.00	0.00
36.00	1345.00	34.00	0.00
39.00	1374.00	29.00	0.00
42.00	1410.00	36.00	0.00

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FROM CONFIDENTIAL

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	121.00	121.00
5.00	121.00	0.00
10.00	121.00	0.00
15.00	122.00	1.00
20.00	122.00	0.00
25.00	122.00	0.00
30.00	123.00	1.00
35.00	124.00	1.00
40.00	124.00	0.00
45.00	125.00	1.00
50.00	126.00	1.00
55.00	126.00	0.00
60.00	127.00	1.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	130.00	130.00	0.00
6.00	140.00	10.00	0.00
9.00	170.00	30.00	0.00
12.00	212.00	42.00	0.00
15.00	302.00	90.00	0.00
18.00	414.00	112.00	0.00
21.00	621.00	207.00	0.00
24.00	748.00	127.00	0.00
27.00	771.00	23.00	0.00
30.00	855.00	84.00	0.00
33.00	927.00	72.00	0.00
36.00	993.00	66.00	0.00
39.00	1046.00	53.00	0.00
42.00	1088.00	42.00	0.00
45.00	1133.00	45.00	0.00
48.00	1165.00	32.00	0.00
51.00	1196.00	31.00	0.00
54.00	1220.00	24.00	0.00
57.00	1242.00	22.00	0.00
60.00	1261.00	19.00	0.00
63.00	1280.00	19.00	0.00
66.00	1295.00	15.00	0.00
69.00	1308.00	13.00	0.00
72.00	1320.00	12.00	0.00
75.00	1330.00	10.00	0.00

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PRESSURE TRANSIENT REPORT (CONTINUED)

CONFIDENTIAL

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
78.00	1341.00	11.00	0.00
81.00	1351.00	10.00	0.00
84.00	1359.00	8.00	0.00
87.00	1366.00	7.00	0.00
90.00	1370.00	4.00	0.00

RELEASED

SEP 6 1994

FROM CONFIDENTIAL

FLUID SAMPLE REPORT

GENERAL INFORMATION

DATE	: 6/4/93	TICKET	: 19122
CUSTOMER	: MUSTANG OIL & GAS CORP	LEASE	: LANE
WELL	: #1-25	TEST:	1
ELEVATION:	3317 KB	GEOLOGIST:	RATZLAFF
SECTION	: 25	FORMATION:	UPPER KEYES
RANGE	: 41W	TOWNSHIP	: 27S
Gauge SN#:	3849	STATE	: KS
		CLOCK	: 12
	COUNTY: STANTON		
	RANGE : 4200		

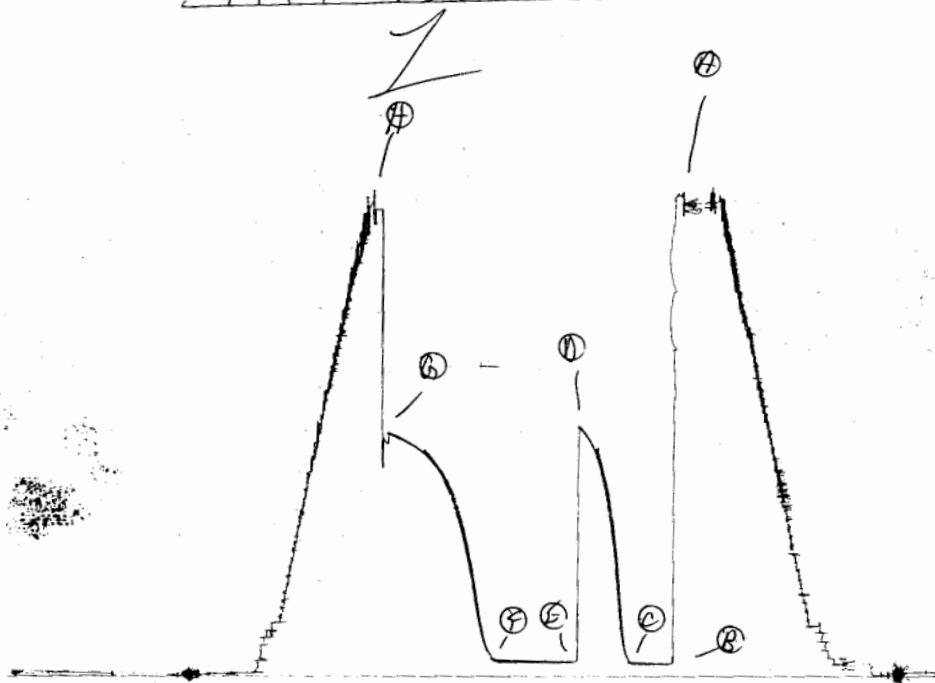
SAMPLE INFORMATION

PRESSURE IN SAMPLER:	5.00 PSIG	BHT:	133.0 DEG F
TOTAL VOLUME OF SAMPLER:	3150.00 cc		
TOTAL VOLUME OF SAMPLE:	2750.00 cc		
OIL:	0.00 cc		
WATER:	0.00 cc		
MUD:	2750.00 cc		
GAS:	0.00 cc		
OTHER:	0.00 cc		

RESISTIVITY

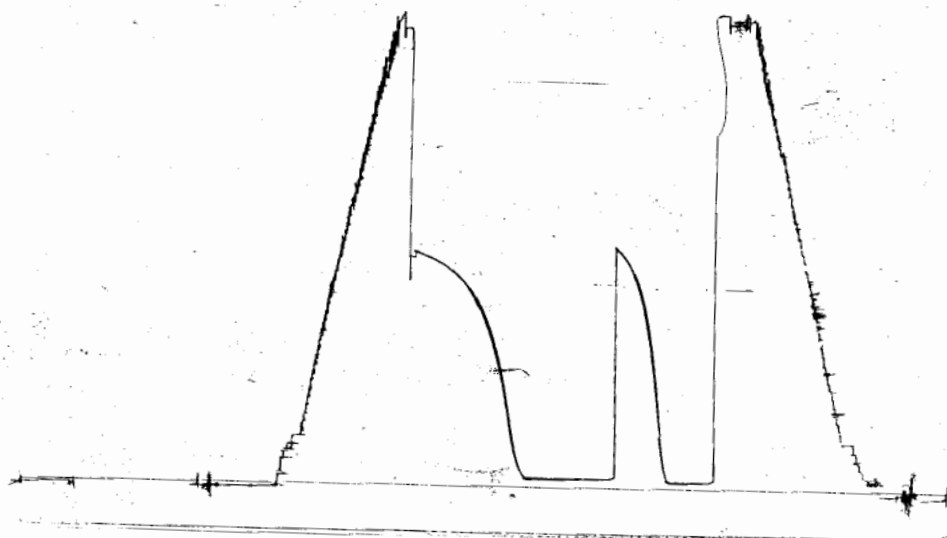
DRILLING MUD:	CHLORIDE CONTENT:	0.00 ppm
MUD PIT SAMPLE: 1.3 @ 65 DEGREES F	CHLORIDE CONTENT:	5000.00 ppm
GAS/OIL RATIO:	GRAVITY:	
WHERE WAS SAMPLE DRAINED: ON LOCATION		
REMARKS:		

KT 19/11 43847-DST1



Inside Recorder

KT 19/11 2607-DST1



Outside Recorder