



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 15099

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

Elevation 1387 K.B. Formation Mississippian Eff. Pay Ft.

District PRATT Date 1-23-82 Customer Order No.

COMPANY NAME Harris Exploration

ADDRESS 1341 W. Mockingbird Lane, Suite 1200E, DALLAS, TEXAS. 75247

LEASE AND WELL NO. STEVENS 1 COUNTY HARPER STATE KS Sec. 11 Twp 31S Rge 6W

Mail Invoice To Co. Name Address No. Copies Requested

Mail Charts To Address No. Copies Requested

Formation Test No. 1 Interval Tested from 4167 ft. to 4197 ft. Total Depth 4197 ft.

Packer Depth 4162 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4167 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4173 ft.

Recorder Number 1051 Cap. 4250

Bottom Recorder Depth (Outside) 4176 ft.

Recorder Number 15640 Cap. 6600

Below Straddle Recorder Depth ft.

Recorder Number Cap.

Drilling Contractor Gabbert & Jones #8

Drill Collar Length 452 I. D. 2.26 in.

Mud Type CHEM-Poly Pac Viscosity 35/42

Weight Pipe Length I. D. in.

Weight 9.4 Water Loss 22.4 cc.

Drill Pipe Length 3695 I. D. 3.8 in.

Chlorides 10,000 P.P.M.

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

Jars: Make NO Serial Number NO

Anchor Length 30 ft. Size 5 1/2 O.D. 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 4 1/2 in.

Blow: I.F.P. - Fair & decreasing DEAD in 21 min.
F.F.P. - V. WEAK (Surface) DEAD in 2 min. - Flushed - V. WEAK DEAD in 4 min. - Repeat same

Recovered 365 ft. of Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Hit Bridges @ 4150 and @ 4160

→ SLID 20' TO BOTTOM - Slid Through Test ←

→ PLUGGED ANCHOR ←

Time On Location 4:00 A.M. Time Pick Up Tool 5:25 A.M. Time Off Location A.M.

Time Set Packer(s) 7:10 P.M. Time Started Off Bottom 9:25 A.M. Maximum Temperature 127°F

Initial Hydrostatic Pressure (A) 2059 P.S.I.

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

Initial Closed In Period Minutes 45 (D) 1824 P.S.I.

Final Flow Period Minutes 15 (E) P.S.I. to (F) Slid on Shut in Period

Final Closed In Period Minutes 45 (G) 1610 P.S.I.

Final Hydrostatic Pressure (H) 1995 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 Richard A. Robba
Signature of Customer or his authorized representative

Western Representative

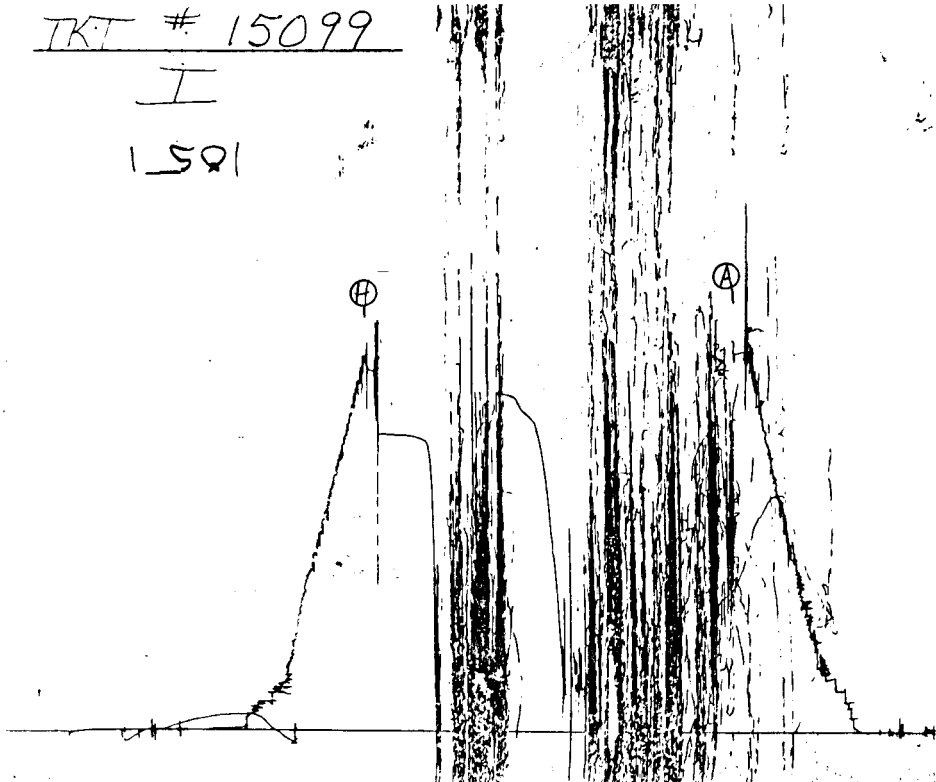
FIELD INVOICE

Open Hole Test \$ 400.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage 75 \$ 36.25
Fluid Sampler \$
Extra Charts \$
Insurance \$
TOTAL \$ 456.25

TKT # 15099

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1501



Company Harris Exploration Lease & Well No. Stevens #1
Elevation 1387 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 15099
Date 1/23/82 Sec. 11 Twp. 31S Range 6W County Harper State Kansas
Test Approved by Richard A. Robba Western Representative Karl L. West, Jr.
Formation Test No. 1 Interval Tested from 4167 ft. to 4197 ft. Total Depth 4197 ft.
Packer Depth 4162 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4167 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4173 ft. Recorder Number 1051 Cap 4250
Bottom Recorder Depth (Outside) 4176 ft. Recorder Number 15640 Cap 6600
Below Straddle Recorder Depth - ft. Recorder Number - Cap -
Drilling Contractor Gabbert-Jones Drlg. Rig #8 Drill Collar Length 452 I. D. 2.26 in.
Mud Type chem-polypac Viscosity 35/42 Weight Pipe Length - I. D. - in.
Weight 9.4 Water Loss 22.4 cc. Drill Pipe Length 3695 I. D. 3.8 in.
Chlorides 10,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
Jars: Make No Serial Number No Anchor Length 30 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 XH in.

Blow: Initial flow period fair and decreasing; dead in twenty-one minutes. Final flow period
very weak (surface) died in two minutes; flushed tool-very weak; dead in four minutes.
Repeated and the result was the same.

Recovered - ft. of
Recovered 365 ft. of mud
Recovered - ft. of
Recovered - ft. of
Recovered - ft. of

Remarks: Hit bridges at 4150' and 4160' Slid twenty feet to bottom- slid throughout test.
Plugged anchor.

Time Set Packer(s) 7:10 A.M. Time Started Off Bottom 9:25 A.M. Maximum Temperature 127°
Initial Hydrostatic Pressure (A) 2062 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) 1959 P.S.I.



WESTERN TESTING CO., INC. FORMATION TESTING

TICKET No 15100

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

Elevation 1387 K.B. Formation Mississippian Eff. Pay Ft.

District Pratt Date 1-24-82 Customer Order No.

COMPANY NAME Harris Exploration

ADDRESS 1341 W. Mockingbird Lane, Suite 1200E DALLAS, TEXAS. 75247

LEASE AND WELL NO. STEVENS 1 COUNTY HARPER STATE KS Sec. 11 Twp 31S Rge 6W

Mail Invoice To Stevens #1 Co. Name Address No. Copies Requested

Mail Charts To Address No. Copies Requested

Formation Test No. 2 Interval Tested from 4169 ft. to 4197 ft. Total Depth 4197 ft.

Packer Depth 4169 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4169 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4175 ft. Recorder Number 1051 Cap 4250

Bottom Recorder Depth (Outside) 4178 ft. Recorder Number 15640 Cap 6600

Below Straddle Recorder Depth ft. Recorder Number Cap

Drilling Contractor Gabbart & Jones 8 Drill Collar Length 452 I. D. 2.26 in.

Mud Type Chem-Poly Pac Viscosity 42 Weight Pipe Length I. D. in.

Weight 9.4 Water Loss 10.4 cc. Drill Pipe Length 3695 I. D. 3.8 in.

Chlorides 11,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 O.D. in.

Jars: Make NO Serial Number NO Anchor Length 28 ft. Size 5 1/2 O.D. in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 7/4 in.

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

Blow: Could not GET TO Bottom
CAME OUT OF HOLE

Recovered 200 ft. of Drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Slid from 4169 to 4173 solid @ 4173 - OPENED TOOL
Trying to get through - CAME OUT OF HOLE -

Time On Location 6:30 A.M. Time Pick Up Tool 11:45 A.M. Time Off Location 5:00 A.M.

Time Set Packer(s) 12:55 P.M. Time Started Off Bottom 1:30 P.M. Maximum Temperature 127°F

Initial Hydrostatic Pressure (A) 2062 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) 2062 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.

Test Approved By Richard A. Robb
Signature of Customer or his authorized representative

Western Representative Karl Switzer, Jr. Thanks again

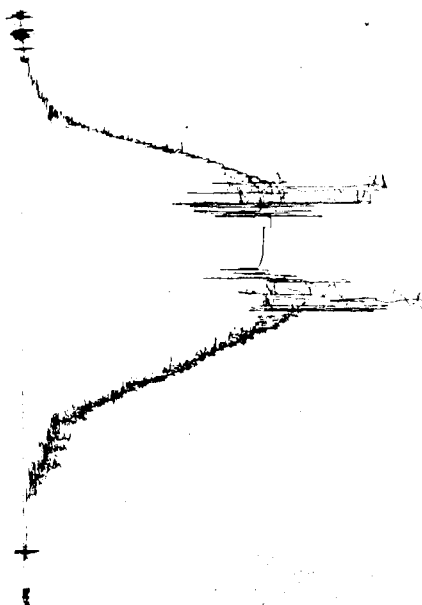
FIELD INVOICE

Open Hole Test \$ 400.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage 75 \$ 36.25
Fluid Sampler \$
Extra Charts \$
Insurance \$
TOTAL \$ 456.25

IRI # 15100

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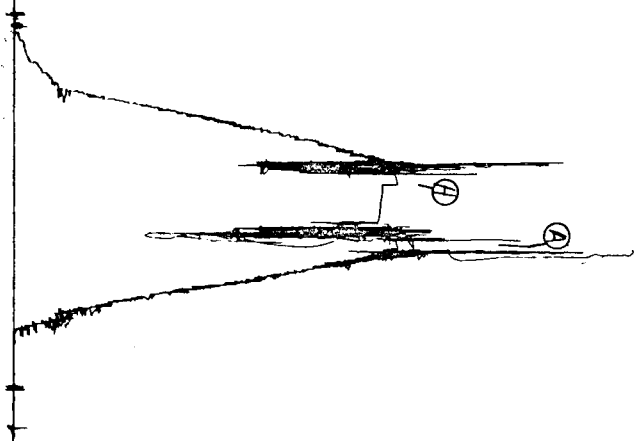
15640



IRI # 15100

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1501



Company Harris Exploration Lease & Well No. Stevens #1
 Elevation 1387 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 15100
 Date 1/24/82 Sec. 11 Twp. 31S Range 6W County Harper State Kansas
 Test Approved by Richard A. Robba Western Representative Karl L. West, Jr.
 Formation Test No. 2 Interval Tested from 4169 ft. to 4197 ft. Total Depth 4197 ft.
 Packer Depth 4164 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4169 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4175 ft. Recorder Number 1051 Cap. 4250
 Bottom Recorder Depth (Outside) 4178 ft. Recorder Number 15640 Cap. 6600
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Gabbert-Jones Drlg. Rig #8 Drill Collar Length 452 I. D. 2.26 in.
 Mud Type chem-polypac Viscosity 42 Weight Pipe Length - I. D. - in.
 Weight 9.4 Water Loss 10.4 cc. Drill Pipe Length 3695 I. D. 3.8 in.
 Chlorides 11,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
 Jars: Make No Serial Number - Anchor Length 28 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: COULD NOT GET TO BOTTOM. CAME OUT OF HOLE MISRUN

Recovered 200 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: SLID FROM 4169' to 4173' SOLID @ 4173' OPENED TOOL TRYING TO GET THROUGH.

CAME OUT OF HOLE

MISRUN

Time Set Packer(s) 12:55 ~~A.M.~~ P.M. Time Started Off Bottom 1:30 ~~A.M.~~ P.M. Maximum Temperature 127°

Initial Hydrostatic Pressure (A) 2062 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) 2062 P.S.I.



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 14704

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

Elevation _____ Formation MISS Eff. Pay _____ Ft.

District PRATT Date 1-25-82 Customer Order No. _____

COMPANY NAME HARMS EXPLOSION

ADDRESS 1341 W. Mockingbird Lane, Suite 1200E, DALLAS, TEXAS, 75247

LEASE AND WELL NO. Stevens #1 COUNTY HARPER STATE KS Sec. 11 Twp 31S Rge 6W

Mail Invoice To KOMV No. Copies Requested 17

Co. Name same Address _____ No. Copies Requested 17

Mail Charts To _____ Address _____ No. Copies Requested _____

Formation Test No. 3 Interval Tested from 4179 ft. to 4216 ft. Total Depth 4216 ft.

Packer Depth 4174 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4179 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4206 ft. Recorder Number 1500 Cap. 4500

Bottom Recorder Depth (Outside) 4209 ft. Recorder Number 11019 Cap. 4500

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

Drilling Contractor LABBERT & Jones #8 Drill Collar Length 368' I. D. 2.25 in.

Mud Type Chen Viscosity 40 Weight Pipe Length _____ I. D. _____ in.

Weight 9.2 Water Loss 9.2 cc. Drill Pipe Length 3782' I. D. 3.8 in.

Chlorides 10 000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 in.

Jars: Make Bowen Serial Number _____ Anchor Length 37 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 1/8 in. Tool Joint Size 3 1/2 in.

Blow: I.F.P. - Good Blow off Btm of bucket in 2 minutes

E.F.P. - Gas to surface in 10 minutes see attached sheet for gas measurements

Recovered _____ ft. of _____

Recovered 476 ft. of muddy water 5 way city 38,000 PPM

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Time On Location 1:00 A.M. Time Pick Up Tool 4:30 A.M. Time Off Location _____ A.M.

Time Set Packer(s) 6:38 P.M. Time Started Off Bottom 9:53 P.M. Maximum Temperature _____

Initial Hydrostatic Pressure _____ (A) 2130 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 92 P.S.I. to (C) 115 P.S.I.

Initial Closed In Period _____ Minutes 45 (D) 1421 P.S.I.

Final Flow Period _____ Minutes 60 (E) 127 P.S.I. to (F) 138 P.S.I.

Final Closed In Period _____ Minutes 60 (G) 1528 P.S.I.

Final Hydrostatic Pressure _____ (H) 2085 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.

Test Approved By Richard A. Robba
Signature of Customer or his authorized representative

Western Representative Louis Spencer

FIELD INVOICE

Open Hole Test \$ 100.00

Misrun \$ _____

Straddle Test \$ _____

Jars \$ 300.00

Selective Zone \$ _____

Safety Joint \$ 65.00

Standby \$ _____

Evaluation \$ _____

Extra Packer \$ _____

Circ. Sub. \$ _____

Mileage 72.5 \$ 56.25

Fluid Sampler \$ _____

Extra Charts \$ _____

Insurance \$ _____

TOTAL \$ 1121.25

WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 1-25-82 Ticket 14704 Company Harris Exploration
Well Name and No. Stevens #1 Dst No. 3 Interval Tested 4179-4216
County HARPER State KS. Sec. 11 Twp. 31 S Rg. 6 W

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
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[illegible]

10	6	1/4"
15	4.5	1/4"
20	7.5	1/4"
25	4.5	1/4"
30	5	1/4"
35	5.5	1/4"
40	6	1/4"
45	6.5	1/4"
50	7	1/4"
55	7	1/4"
60	7	1/4"

	cost.	p.d.
22,900	"	"
19,500	"	"
19,500	"	"
19,500	"	"
20,700	"	"
21,800	"	"
22,900	"	"
23,900	"	"
25,000	"	"
25,000	"	"
25,000	"	"

Caly

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ 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 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 _____

Authorized by _____

WESTERN TESTING CO., INC.

Pressure Data

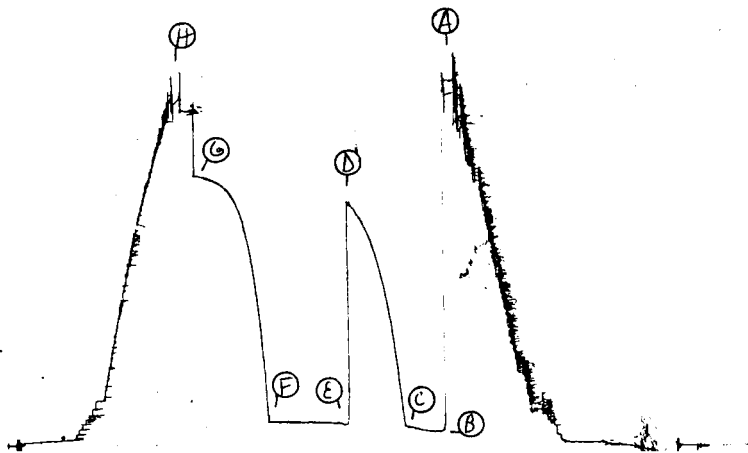
Date 1-25 Recorder No. 1560 Capacity 4500 Test Ticket No. 14704 Location 4206 F
Clock No. Elevation Well Temperature

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2139</u> P.S.I.	<u>6:38</u> A M	
B First Initial Flow Pressure	<u>88</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Min
C First Final Flow Pressure	<u>118</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Min
D Initial Closed-in Pressure	<u>1428</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Min
E Second Initial Flow Pressure	<u>126</u> P.S.I.	<u>60</u> Mins.	<u>54</u> Min
F Second Final Flow Pressure	<u>143</u> P.S.I.		
G Final Closed-in Pressure	<u>1578</u> P.S.I.		
H Final Hydrostatic Mud	<u>2070</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>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>18</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>88</u>	<u>0</u>	<u>118</u>	<u>0</u>	<u>126</u>	<u>0</u>	<u>143</u>
P 2 <u>5</u>	<u>88</u>	<u>3</u>	<u>343</u>	<u>5</u>	<u>132</u>	<u>3</u>	<u>507</u>
P 3 <u>10</u>	<u>88</u>	<u>6</u>	<u>518</u>	<u>10</u>	<u>134</u>	<u>6</u>	<u>723</u>
P 4 <u>15</u>	<u>93</u>	<u>9</u>	<u>669</u>	<u>15</u>	<u>139</u>	<u>9</u>	<u>903</u>
P 5 <u>20</u>	<u>103</u>	<u>12</u>	<u>795</u>	<u>20</u>	<u>140</u>	<u>12</u>	<u>1059</u>
P 6 <u>25</u>	<u>113</u>	<u>15</u>	<u>919</u>	<u>25</u>	<u>141</u>	<u>15</u>	<u>1187</u>
P 7 <u>30</u>	<u>118</u>	<u>18</u>	<u>1005</u>	<u>30</u>	<u>142</u>	<u>18</u>	<u>1284</u>
P 8 <u>35</u>		<u>21</u>	<u>1086</u>	<u>35</u>	<u>143</u>	<u>21</u>	<u>1365</u>
P 9 <u>40</u>		<u>24</u>	<u>1164</u>	<u>40</u>	<u>144</u>	<u>24</u>	<u>1426</u>
P10 <u>45</u>		<u>27</u>	<u>1221</u>	<u>45</u>	<u>145</u>	<u>27</u>	<u>1463</u>
P11 <u>50</u>		<u>30</u>	<u>1276</u>	<u>50</u>	<u>145</u>	<u>30</u>	<u>1495</u>
P12 <u>55</u>		<u>33</u>	<u>1321</u>	<u>55</u>	<u>144</u>	<u>33</u>	<u>1518</u>
P13 <u>60</u>		<u>36</u>	<u>1355</u>	<u>60</u>	<u>143</u>	<u>36</u>	<u>1536</u>
P14		<u>39</u>	<u>1391</u>	<u>65</u>		<u>39</u>	<u>1549</u>
P15		<u>42</u>	<u>1421</u>	<u>70</u>		<u>42</u>	<u>1558</u>
P16		<u>45</u>	<u>1428</u>	<u>75</u>		<u>45</u>	<u>1567</u>
P17		<u>48</u>		<u>80</u>		<u>48</u>	<u>1573</u>
P18		<u>51</u>		<u>85</u>		<u>51</u>	<u>1576</u>
P19		<u>54</u>		<u>90</u>		<u>54</u>	<u>1578</u>
P20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

TKT # 14704
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Company Harris Exploration Lease & Well No. Stevens #1
Elevation --- Formation Mississippi Effective Pay - Ft. Ticket No. 14704
Date 1/25/82 Sec. 11 Twp. 31S Range 6W County Harper State Kansas
Test Approved by Richard A. Robba Western Representative Louis Spencer

Formation Test No. 3 Interval Tested from 4179 ft. to 4216 ft. Total Depth 4216 ft.

Packer Depth 4174 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4179 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4206 ft. Recorder Number 1560 Cap. 4500

Bottom Recorder Depth (Outside) 4209 ft. Recorder Number 11019 Cap. 4500

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

Drilling Contractor Gabbert-Jones Drlg. Rig #8 Drill Collar Length 368 I. D. 2.25 in.

Mud Type chemical Viscosity 40 Weight Pipe Length - I. D. - in.

Weight 9.2 Water Loss 9.2 cc. Drill Pipe Length 3782 I. D. 3.8 in.

Chlorides 10,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 403 Anchor Length 37 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 3 1/2 in.

Blow: Initial flow period good blow; off bottom of bucket in two minutes. Final flow period gas to surface in ten minutes. See attached sheet for gas measurements.

Recovered 476 ft. of muddy water very slightly oil cut 1%

Recovered - ft. of Chlorides 28,000 ppm

Recovered - ft. of

Recovered - ft. of

Recovered - ft. of

Remarks:

Time Set Packer(s) 6:38 ~~P.M.~~ A.M. Time Started Off Bottom 9:53 ~~P.M.~~ A.M. Maximum Temperature ?

Initial Hydrostatic Pressure 2139 P.S.I. (A)

Initial Flow Period 30 Minutes (B) 88 P.S.I. to (C) 118 P.S.I.

Initial Closed In Period 45 Minutes (D) 1428 P.S.I.

Final Flow Period 60 Minutes (E) 126 P.S.I. to (F) 143 P.S.I.

Final Closed In Period 54 Minutes (G) 1578 P.S.I.

Final Hydrostatic Pressure 2070 P.S.I. (H)

GAS FLOW REPORT

Date 1/25/82 Ticket 14704 Company Harris Exploration
 Well Name and No. Stevens #1 Dst No. 3 Interval Tested 4179-4216
 County Harper State Kansas Sec. 11 Twp. 31S Rg. 6W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						

SECOND FLOW						
	10 Min	6 PSIG	¼" Orifice			22,900 C.F.P.D.
	15 Min	4.5 PSIG	¼" Orifice			19,500 C.F.P.D.
	20 Min	4.5 PSIG	¼" Orifice			19,500 C.F.P.D.
	25 Min	4.5 PSIG	¼" Orifice			19,500 C.F.P.D.
	30 Min	5 PSIG	¼" Orifice			20,700 C.F.P.D.
	35 Min	5.5 PSIG	¼" Orifice			21,800 C.F.P.D.
	40 Min	6 PSIG	¼" Orifice			22,900 C.F.P.D.
	45 Min	6.5 PSIG	¼" Orifice			23,900 C.F.P.D.
	50 Min	7 PSIG	¼" Orifice			25,000 C.F.P.D.
	55 Min	7 PSIG	¼" Orifice			25,000 C.F.P.D.
	60 Min	7 PSIG	¼" Orifice			25,000 C.F.P.D.

GAS BOTTLE

Serial No. - Date Bottle Filled - Date to be Invoiced 1/25/82

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 plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1% per month, equal to 12% 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 Harris Exploration
 Authorized by Richard A Robba

WESTERN TESTING CO., INC.

Pressure Data

Date 1/25/82 Test Ticket No. 14704
Recorder No. 1560 Capacity 4500 Location 4206 Ft.
Clock No. - Elevation - Well Temperature - °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2139</u> P.S.I.	<u>6:38A</u>	<u>M</u>
B First Initial Flow Pressure	<u>88</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>118</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>1428</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>126</u> P.S.I.	<u>60</u> Mins.	<u>54</u> Mins.
F Second Final Flow Pressure	<u>143</u> P.S.I.		
G Final Closed-in Pressure	<u>1578</u> P.S.I.		
H Final Hydrostatic Mud	<u>2070</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>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>18</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>	<u>88</u>	<u>0</u>	<u>118</u>	<u>0</u>	<u>126</u>	<u>0</u>	<u>143</u>
P 2 <u>5</u>	<u>88</u>	<u>3</u>	<u>343</u>	<u>5</u>	<u>132</u>	<u>3</u>	<u>507</u>
P 3 <u>10</u>	<u>88</u>	<u>6</u>	<u>518</u>	<u>10</u>	<u>134</u>	<u>6</u>	<u>723</u>
P 4 <u>15</u>	<u>93</u>	<u>9</u>	<u>669</u>	<u>15</u>	<u>139</u>	<u>9</u>	<u>903</u>
P 5 <u>20</u>	<u>103</u>	<u>12</u>	<u>795</u>	<u>20</u>	<u>140</u>	<u>12</u>	<u>1059</u>
P 6 <u>25</u>	<u>113</u>	<u>15</u>	<u>919</u>	<u>25</u>	<u>141</u>	<u>15</u>	<u>1187</u>
P 7 <u>30</u>	<u>118</u>	<u>18</u>	<u>1005</u>	<u>30</u>	<u>142</u>	<u>18</u>	<u>1284</u>
P 8		<u>21</u>	<u>1086</u>	<u>35</u>	<u>143</u>	<u>21</u>	<u>1365</u>
P 9		<u>24</u>	<u>1164</u>	<u>40</u>	<u>144</u>	<u>24</u>	<u>1426</u>
P10		<u>27</u>	<u>1221</u>	<u>45</u>	<u>145</u>	<u>27</u>	<u>1463</u>
P11		<u>30</u>	<u>1276</u>	<u>50</u>	<u>145</u>	<u>30</u>	<u>1495</u>
P12		<u>33</u>	<u>1321</u>	<u>55</u>	<u>144</u>	<u>33</u>	<u>1518</u>
P13		<u>36</u>	<u>1355</u>	<u>60</u>	<u>143</u>	<u>36</u>	<u>1536</u>
P14		<u>39</u>	<u>1391</u>			<u>39</u>	<u>1549</u>
P15		<u>42</u>	<u>1421</u>			<u>42</u>	<u>1558</u>
P16		<u>45</u>	<u>1428</u>			<u>45</u>	<u>1567</u>
P17						<u>48</u>	<u>1573</u>
P18						<u>51</u>	<u>1576</u>
P19						<u>54</u>	<u>1578</u>
P20							