



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 15136

ay

P. O. BOX 1599 PHONE (316) 262-5861

Elevation _____ Formation Miss Eff. Pay _____ Ft.

WICHITA, KANSAS 67201

District Pratt Date 1-7-82 Customer Order No. _____

COMPANY NAME A.P.C. Associated Petroleum Consultants

ADDRESS Wichita KS 501 Main Street, Suite 600 (Wichita) KS 67202

LEASE AND WELL NO. Mott Ranch 3 COUNTY Barber STATE KS Sec. 11 Twp. 31S Rge. 12W

Mail Invoice To Same Co. Name _____ Address _____ No. Copies Requested Reg

Mail Charts To Same Co. Name _____ Address _____ No. Copies Requested Reg

Formation Test No. 1 Interval Tested from 4300 ft. to 4318 ft. Total Depth 4318 ft.

Packer Depth 4295 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4300 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4303 ft. Recorder Number 5673 Cap. 5400

Bottom Recorder Depth (Outside) 4306 ft. Recorder Number 1565 Cap. 4900

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

Drilling Contractor Trans Pac #1 Drill Collar Length 390 I. D. 2.2 in.

Mud Type Chem Viscosity 45 Weight Pipe Length _____ I. D. _____ in.

Weight 9.2 Water Loss 12.2 cc. Drill Pipe Length 3888 I. D. 3.8 in.

Chlorides 8,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.

Jars: Make _____ Serial Number _____ Anchor Length 18 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: Strong - GTS 2min - See GTS Flow Report attached sheet for gas measurements.

Recovered 60 ft. of Slightly oil cut Mud

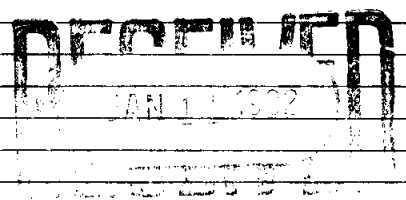
Recovered 120 ft. of Muddy oil

Recovered 240 ft. of oil

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____



Time On Location 11:00 AM Time Pick Up Tool 1:00 AM Time Off Location 7:00 AM

Time Set Packer(s) 3:05 AM Time Started Off Bottom 6:35 AM Maximum Temperature 115'

Initial Hydrostatic Pressure _____ (A) 2040 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 122 P.S.I. to (C) 122 P.S.I.

Initial Closed In Period _____ Minutes 60 (D) 1661 P.S.I.

Final Flow Period _____ Minutes 60 (E) 150 P.S.I. to (F) 150 P.S.I.

Final Closed In Period _____ Minutes 60 (G) 1607 P.S.I.

Final Hydrostatic Pressure _____ (H) 2027 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 Mike Thompson
Signature of Customer or his authorized representative

Western Representative [Signature]

Thank you

FIELD INVOICE

Open Hole Test	\$	<u>700.00</u>
Misrun	\$	_____
Straddle Test	\$	_____
Jars	\$	_____
Selective Zone	\$	_____
Safety Joint	\$	<u>65.00</u>
Standby	\$	_____
Evaluation	\$	_____
Extra Packer	\$	_____
Circ. Sub.	\$	_____
Mileage <u>25</u>	\$	<u>18.75</u>
Fluid Sampler	\$	_____
Extra Charts	\$	_____
Insurance	\$	_____
TOTAL	\$	<u>782.75</u>



Nº 3397

GAS FLOW REPORT

Date 1-7-81 Ticket 13136 Company APC
 Well Name and No. Mott Ranch #3 Dst No. 1 Interval Tested 4300-18
 County Barber State KS Sec. 11 Twp. 31s 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
PRE FLOW <u>GTS 2min</u>					
<u>10</u>	<u>6</u>	<u>1/4</u>			<u>599,000 cfpd</u>
<u>20</u>	<u>9</u>	<u>1/4</u>			<u>754,000</u>
<u>30</u>	<u>9</u>	<u>1/4</u>			<u>754,000</u>

SECOND FLOW					
<u>10</u>	<u>11</u>	<u>1/4"</u>			<u>847,000 cfpd</u>
<u>20</u>	<u>9</u>	<u> </u>			<u>754,000</u>
<u>30</u>	<u>9</u>	<u> </u>			<u> </u>
<u>40</u>	<u>9</u>	<u> </u>			<u> </u>
<u>50</u>	<u>9</u>	<u> </u>			<u> </u>
<u>60</u>	<u>9</u>	<u>1/4"</u>			<u>754,000 cfpd</u>

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 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 _____

Authorized by _____

WESTERN TESTING CO., INC.

Pressure Data

Date: 1-7-82 Test Ticket No. 15136
 Recorder No. 5673 Capacity 5400 Location 4303 Ft
 Clock No. --- Elevation --- Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>20 57</u>	P.S.I.	<u>3:05 P</u>	<u>M</u>
B First Initial Flow Pressure	<u>128</u>	P.S.I.	<u>30</u>	<u>30</u> Mins.
C First Final Flow Pressure	<u>134</u>	P.S.I.	<u>60</u>	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1664</u>	P.S.I.	<u>60</u>	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>150</u>	P.S.I.	<u>60</u>	<u>60</u> Mins.
F Second Final Flow Pressure	<u>150</u>	P.S.I.	<u>60</u>	<u>64</u> Mins.
G Final Closed-in Pressure	<u>1602</u>	P.S.I.		
H Final Hydrostatic Mud	<u>20 29</u>	P.S.I.		

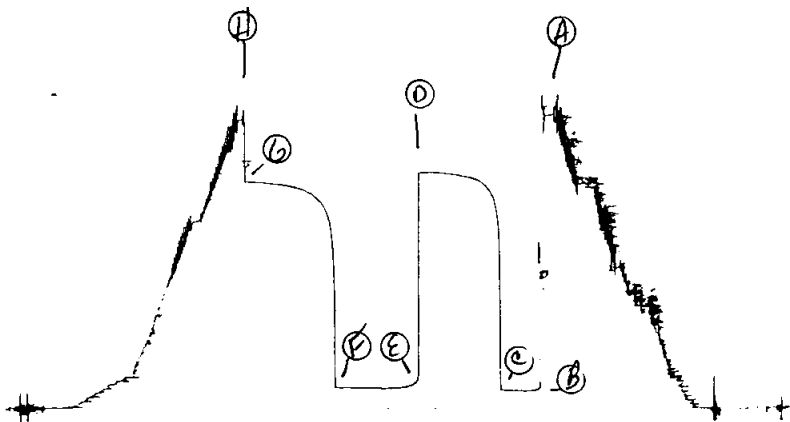
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>22</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>0</u>	<u>128</u>	<u>0</u>	<u>134</u>	<u>0</u>	<u>150</u>
P 2	<u>5</u>	<u>3</u>	<u>128</u>	<u>3</u>	<u>1439</u>	<u>3</u>	<u>1255</u>
P 3	<u>10</u>	<u>6</u>	<u>128</u>	<u>6</u>	<u>1516</u>	<u>6</u>	<u>1385</u>
P 4	<u>15</u>	<u>9</u>	<u>129</u>	<u>9</u>	<u>1558</u>	<u>9</u>	<u>1439</u>
P 5	<u>20</u>	<u>12</u>	<u>130</u>	<u>12</u>	<u>1585</u>	<u>12</u>	<u>1474</u>
P 6	<u>25</u>	<u>15</u>	<u>132</u>	<u>15</u>	<u>1608</u>	<u>15</u>	<u>1501</u>
P 7	<u>30</u>	<u>18</u>	<u>134</u>	<u>18</u>	<u>1620</u>	<u>18</u>	<u>1522</u>
P 8	<u>35</u>	<u>21</u>		<u>21</u>	<u>1629</u>	<u>21</u>	<u>1536</u>
P 9	<u>40</u>	<u>24</u>		<u>24</u>	<u>1633</u>	<u>24</u>	<u>1550</u>
P 10	<u>45</u>	<u>27</u>		<u>27</u>	<u>1639</u>	<u>27</u>	<u>1558</u>
P 11	<u>50</u>	<u>30</u>		<u>30</u>	<u>1645</u>	<u>30</u>	<u>1566</u>
P 12	<u>55</u>	<u>33</u>		<u>33</u>	<u>1649</u>	<u>33</u>	<u>1572</u>
P 13	<u>60</u>	<u>36</u>		<u>36</u>	<u>1655</u>	<u>36</u>	<u>1577</u>
P 14		<u>39</u>		<u>39</u>	<u>1657</u>	<u>39</u>	<u>1582</u>
P 15		<u>42</u>		<u>42</u>	<u>1660</u>	<u>42</u>	<u>1585</u>
P 16		<u>45</u>		<u>45</u>	<u>1664</u>	<u>45</u>	<u>1587</u>
P 17		<u>48</u>		<u>48</u>		<u>48</u>	<u>1590</u>
P 18		<u>51</u>		<u>51</u>		<u>51</u>	<u>1592</u>
P 19		<u>54</u>		<u>54</u>		<u>54</u>	<u>1594</u>
P 20		<u>57</u>		<u>57</u>		<u>57</u>	<u>1596</u>
		<u>60</u>		<u>60</u>		<u>60</u>	<u>1598</u>
						<u>63</u>	<u>1600</u>

5673
DST # 1

TK # 15136

I



Company Associated Petroleum Consultants & Presley Oil Company Lease & Well No. Mott Ranch #3
 Elevation _____ Formation Mississippi Effective Pay _____ Ft. Ticket No. 15136
 Date 1/7/82 Sec. 11 Twp. 31S Range 12W County Barber State Kansas

Test Approved by Mike Tharp Western Representative Jeff Piotrowski

Formation Test No. 1 Interval Tested from 4300 ft. to 4318 ft. Total Depth 4318 ft.
 Packer Depth 4295 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 4300 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4303 ft. Recorder Number 5673 Cap. 5400
 Bottom Recorder Depth (Outside) 4306 ft. Recorder Number 1565 Cap. 4900
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor Trans Pac Rig #1 Drill Collar Length 390 I. D. 2.2 in.
 Mud Type Chemical Viscosity 45 Weight Pipe Length _____ I. D. _____ in.
 Weight 9.2 Water Loss 12.2 cc. Drill Pipe Length 3888 I. D. 3.8 in.
 Chlorides 8,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.
 Jars: Make _____ Serial Number _____ Anchor Length 18 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: Strong - gas to surface in 2 minutes. See attached sheet for gas measurements.

Recovered 60 ft. of slightly oil cut mud
 Recovered 120 ft. of muddy oil
 Recovered 240 ft. of Oil
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: _____

Time Set Packer(s) 3:05 ~~A.M.~~ P.M. Time Started Off Bottom 6:35 ~~A.M.~~ P.M. Maximum Temperature 118
 Initial Hydrostatic Pressure _____ (A) 2057 P.S.I.
 Initial Flow Period _____ Minutes 30 (B) 128 P.S.I. to (C) 134 P.S.I.
 Initial Closed In Period _____ Minutes 60 (D) 1664 P.S.I.
 Final Flow Period _____ Minutes 60 (E) 150 P.S.I. to (F) 150 P.S.I.
 Final Closed In Period _____ Minutes 66 (G) 1602 P.S.I.
 Final Hydrostatic Pressure _____ (H) 2029 P.S.I.

GAS FLOW REPORT

Date 1/7/82 Ticket 15136 Company Associated Petroleum Consultants & Presley Oil Company
 Well Name and No. Mott Ranch #3 Dst No. 1 Interval Tested 4300-18
 County Barber State Kansas Sec. 11 Twp. 31S Rg. 12W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitor Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
Gas to surface in 2 minutes PRE FLOW						
	10 Min	6 PSIG	1½" Orifice			599,000 C.F.P.D.
	20 Min	9 PSIG	1½" Orifice			754,000 C.F.P.D.
	30 Min	9 PSIG	1½" Orifice			754,000 C.F.P.D.

SECOND FLOW

	10 Min	11 PSIG	1½" Orifice			847,000 C.F.P.D.
	20 Min	9 PSIG	1½" Orifice			754,000 C.F.P.D.
	30 Min	9 PSIG	1½" Orifice			754,000 C.F.P.D.
	40 Min	9 PSIG	1½" Orifice			754,000 C.F.P.D.
	50 Min	9 PSIG	1½" Orifice			754,000 C.F.P.D.
	60 Min	9 PSIG	1½" Orifice			754,000 C.F.P.D.

GAS BOTTLE

Serial No. _____ - Date Bottle Filled _____ - Date to be Invoiced 1/7/82

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.

Associated Petroleum Consultants &
 COMPANY'S NAME Presley Oil Company

Authorized by Mike Tharp

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.

