

Company The Presley Companies & A.P. C. Inc. Lease & Well No. Mott Ranch #1
 Elevation 1671 Kelly Bushing Mississippi Effective Pay - Ft. Ticket No. 12166
 Date 6/16/81 Sec. 11 Twp. 31S Range 12W County Barber State Kansas
 Test Approved by W. W. Scott Western Representative James Ricketts
 Formation Test No. 1 Interval Tested from 4322 ft. to 4340 ft. Total Depth 4340 ft.
 Packer Depth 4322 ft. Size 6 3/4 in. Packer Depth = ft. Size - in.
 Packer Depth 4317 ft. Size 6 3/4 in. Packer Depth = ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4330 ft. Recorder Number 13240 Cap. 4500
 Bottom Recorder Depth (Outside) 4333 ft. Recorder Number 2603 Cap. 4400
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Tran-Pac Drlg. Rig #1 Drill Collar Length 468 I. D. 2.25 in.
 Mud Type chemical Viscosity 38 Weight Pipe Length - I. D. - in.
 Weight 9.1 Water Loss 14.2 cc. Drill Pipe Length 3833 I. D. 3.25 in.
 Chlorides 6,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.
 Jars: Make No Serial Number - Anchor Length 18 ft. Size 5 1/2 in.
 Did Well Flow? = 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 XH in.

Blow: Strong. Gas to surface in thirty minutes. See attached sheet for gas measurements.

Recovered 67 ft. of oil and water cut mud 10% oil; 10% water; 5% gas ; 75% mud

Recovered 62 ft. of oil and water cut mud 15% oil; 35% water; 20% gas ; 30% mud

Recovered 62 ft. of oil and water cut mud 25% oil; 30% water; 30% gas; 15% mud

Recovered ft. of

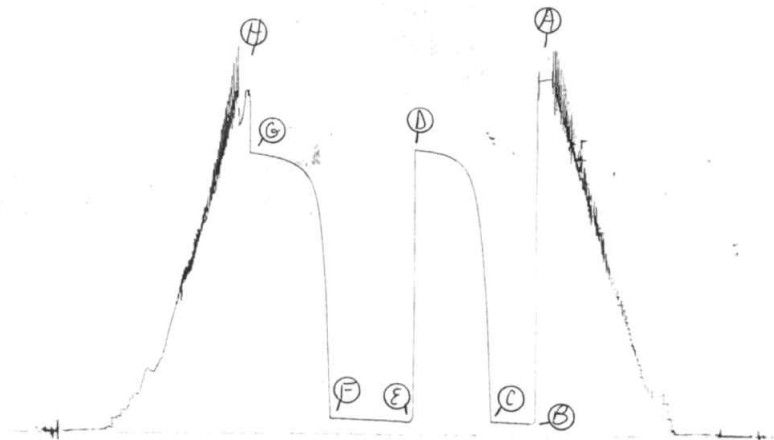
Recovered ft. of

Remarks:

Time Set Packer(s) 10:22 ~~A.M.~~ P.M. Time Started Off Bottom 1:52 ~~A.M.~~ P.M. Maximum Temperature 122°
 Initial Hydrostatic Pressure (A) 2075 P.S.I.
 Initial Flow Period Minutes 35 (B) 64 P.S.I. to (C) 77 P.S.I.
 Initial Closed In Period Minutes 57 (D) 1666 P.S.I.
 Final Flow Period Minutes 60 (E) 72 P.S.I. to (F) 95 P.S.I.
 Final Closed In Period Minutes 60 (G) 1640 P.S.I.
 Final Hydrostatic Pressure (H) 2018 P.S.I.

13240

TKT # 12166
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13240

GAS FLOW REPORT

Date 6/16/81 Ticket 12166 Company The Presley Companies & A.P. C. , Inc.
Well Name and No. Mott Ranch #1 Dst No. 1 Interval Tested 4322'-4340'
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 Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						
	Gas to	surface in thirty minutes.				

SECOND FLOW

[illegible]

GAS BOTTLE

Serial No. 86 Date Bottle Filled 6/16/81 Date to be Invoiced 6/16/81

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 _____ The Presley Companies &
Associated Petroleum Consultants Inc.
Authorized by _____ W. W. Scott

WESTERN TESTING CO., INC.

Pressure Data

Date 6/16/81 Recorder No. 13240 Capacity 4500 Test Ticket No. 12166
 Location 4330 Ft. Elevation 1671 Kelly Bushing Well Temperature 122 °F

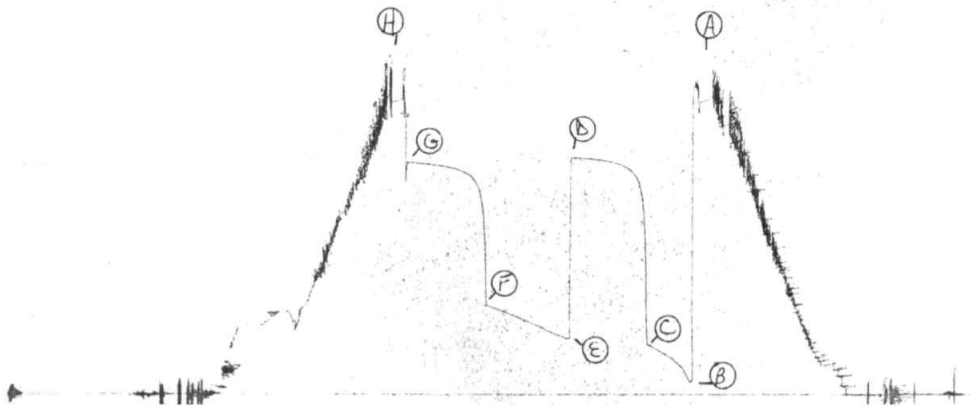
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2075</u>	P.S.I.	<u>10:22P</u>	<u>M</u>
B First Initial Flow Pressure	<u>64</u>	P.S.I.	<u>30</u>	<u>35</u>
C First Final Flow Pressure	<u>77</u>	P.S.I.	<u>60</u>	<u>57</u>
D Initial Closed-in Pressure	<u>1666</u>	P.S.I.	<u>60</u>	<u>60</u>
E Second Initial Flow Pressure	<u>72</u>	P.S.I.	<u>60</u>	<u>60</u>
F Second Final Flow Pressure	<u>95</u>	P.S.I.		
G Final Closed-in Pressure	<u>1640</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2018</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>7</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>12</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>64</u>	<u>0</u>	<u>77</u>	<u>0</u>	<u>72</u>	<u>0</u>	<u>95</u>
P 2 <u>5</u>	<u>68</u>	<u>3</u>	<u>702</u>	<u>5</u>	<u>76</u>	<u>3</u>	<u>750</u>
P 3 <u>10</u>	<u>70</u>	<u>6</u>	<u>1108</u>	<u>10</u>	<u>79</u>	<u>6</u>	<u>1169</u>
P 4 <u>15</u>	<u>70</u>	<u>9</u>	<u>1273</u>	<u>15</u>	<u>82</u>	<u>9</u>	<u>1338</u>
P 5 <u>20</u>	<u>72</u>	<u>12</u>	<u>1402</u>	<u>20</u>	<u>83</u>	<u>12</u>	<u>1432</u>
P 6 <u>25</u>	<u>74</u>	<u>15</u>	<u>1484</u>	<u>25</u>	<u>84</u>	<u>15</u>	<u>1482</u>
P 7 <u>30</u>	<u>76</u>	<u>18</u>	<u>1530</u>	<u>30</u>	<u>85</u>	<u>18</u>	<u>1523</u>
P 8 <u>35</u>	<u>77</u>	<u>21</u>	<u>1568</u>	<u>35</u>	<u>87</u>	<u>21</u>	<u>1548</u>
P 9 _____		<u>24</u>	<u>1593</u>	<u>40</u>	<u>89</u>	<u>24</u>	<u>1566</u>
P10 _____		<u>27</u>	<u>1609</u>	<u>45</u>	<u>91</u>	<u>27</u>	<u>1580</u>
P11 _____		<u>30</u>	<u>1625</u>	<u>50</u>	<u>93</u>	<u>30</u>	<u>1591</u>
P12 _____		<u>33</u>	<u>1634</u>	<u>55</u>	<u>94</u>	<u>33</u>	<u>1602</u>
P13 _____		<u>36</u>	<u>1641</u>	<u>60</u>	<u>95</u>	<u>36</u>	<u>1609</u>
P14 _____		<u>39</u>	<u>1648</u>			<u>39</u>	<u>1615</u>
P15 _____		<u>42</u>	<u>1652</u>			<u>42</u>	<u>1619</u>
P16 _____		<u>45</u>	<u>1657</u>			<u>45</u>	<u>1626</u>
P17 _____		<u>48</u>	<u>1660</u>			<u>48</u>	<u>1630</u>
P18 _____		<u>51</u>	<u>1662</u>			<u>51</u>	<u>1633</u>
P19 _____		<u>54</u>	<u>1664</u>			<u>54</u>	<u>1636</u>
P20 _____		<u>57</u>	<u>1666</u>			<u>57</u>	<u>1638</u>
						<u>60</u>	<u>1640</u>

TKT # 11074
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5673
DST#2



The Presley Oil Companies & Associated Petroleum Con. Inc.

Mott Ranch #1

Company _____ Lease & Well No. _____

Elevation 1663 Ground Level Mississippi Effective Pay - Ft. Ticket No. 11074Date 6/17/81 Sec. 11 Twp. 31S Range 12W County Barber State KansasTest Approved by W. W. Scott Western Representative Jeff Piotrowski-Karl West, Jr.Formation Test No. 2 Interval Tested from 4340 ft. to 4395 ft. Total Depth 4395 ft.Packer Depth 4335 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.Packer Depth 4340 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.Depth of Selective Zone Set -Top Recorder Depth (Inside) 4347 ft. Recorder Number 5673 Cap. 5400Bottom Recorder Depth (Outside) 4344 ft. Recorder Number 1565 Cap. 4900Below Straddle Recorder Depth - ft. Recorder Number - Cap. -Drilling Contractor Trans Pac Drlg. Rig #1 Drill Collar Length 437 I. D. 2.26 in.Mud Type chemical Viscosity 39 Weight Pipe Length - I. D. - in.Weight 9.2 Water Loss 14.6 cc. Drill Pipe Length 3883 I. D. 3.8 in.Chlorides 8,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.Jars: Make - Serial Number - Anchor Length 55 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 in.Blow: Initial flow period weak building to strong in four minutes. Final flow period weak building to strong in seven minutes.Recovered 155 ft. of watery oil 47% oil; 26% water; 17% mud; 10% gasRecovered 1262 ft. of water 89,000 Chlorides ppm

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Time Set Packer(s) 3:15 ~~A.M.~~ P.M. Time Started Off Bottom 6:45 ~~A.M.~~ P.M. Maximum Temperature 118°Initial Hydrostatic Pressure _____ (A) 2040 P.S.I.Initial Flow Period _____ Minutes 35 (B) 85 P.S.I. to (C) 336 P.S.I.Initial Closed In Period _____ Minutes 57 (D) 1642 P.S.I.Final Flow Period _____ Minutes 60 (E) 377 P.S.I. to (F) 601 P.S.I.Final Closed In Period _____ Minutes 57 (G) 1612 P.S.I.Final Hydrostatic Pressure _____ (H) 2040 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 6/17/81 Test Ticket No. 11074
 Recorder No. 5673 Capacity 5400 Location 4347 Ft.
 Clock No. -- Elevation 1663 Ground Level Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2040</u>	P.S.I.	<u>3:15P</u>	M
B First Initial Flow Pressure	<u>85</u>	P.S.I.	<u>30</u>	Mins. <u>35</u> Mins.
C First Final Flow Pressure	<u>336</u>	P.S.I.	<u>60</u>	Mins. <u>57</u> Mins.
D Initial Closed-in Pressure	<u>1642</u>	P.S.I.	<u>60</u>	Mins. <u>60</u> Mins.
E Second Initial Flow Pressure	<u>377</u>	P.S.I.	<u>60</u>	Mins. <u>57</u> Mins.
F Second Final Flow Pressure	<u>601</u>	P.S.I.		
G Final Closed-in Pressure	<u>1612</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2040</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 7 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 19 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 12 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 19 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 <u>0</u>	<u>85</u>	<u>0</u>	<u>336</u>	<u>0</u>	<u>377</u>	<u>0</u>	<u>601</u>
P 2 <u>5</u>	<u>137</u>	<u>3</u>	<u>1379</u>	<u>5</u>	<u>390</u>	<u>3</u>	<u>1322</u>
P 3 <u>10</u>	<u>198</u>	<u>6</u>	<u>1488</u>	<u>10</u>	<u>410</u>	<u>6</u>	<u>1447</u>
P 4 <u>15</u>	<u>237</u>	<u>9</u>	<u>1534</u>	<u>15</u>	<u>426</u>	<u>9</u>	<u>1498</u>
P 5 <u>20</u>	<u>270</u>	<u>12</u>	<u>1561</u>	<u>20</u>	<u>454</u>	<u>12</u>	<u>1523</u>
P 6 <u>25</u>	<u>298</u>	<u>15</u>	<u>1580</u>	<u>25</u>	<u>474</u>	<u>15</u>	<u>1537</u>
P 7 <u>30</u>	<u>325</u>	<u>18</u>	<u>1594</u>	<u>30</u>	<u>495</u>	<u>18</u>	<u>1550</u>
P 8 <u>35</u>	<u>336</u>	<u>21</u>	<u>1602</u>	<u>35</u>	<u>513</u>	<u>21</u>	<u>1564</u>
P 9		<u>24</u>	<u>1610</u>	<u>40</u>	<u>532</u>	<u>24</u>	<u>1571</u>
P10		<u>27</u>	<u>1615</u>	<u>45</u>	<u>549</u>	<u>27</u>	<u>1575</u>
P11		<u>30</u>	<u>1622</u>	<u>50</u>	<u>566</u>	<u>30</u>	<u>1582</u>
P12		<u>33</u>	<u>1626</u>	<u>55</u>	<u>585</u>	<u>33</u>	<u>1586</u>
P13		<u>36</u>	<u>1630</u>	<u>60</u>	<u>601</u>	<u>36</u>	<u>1590</u>
P14		<u>39</u>	<u>1633</u>			<u>39</u>	<u>1593</u>
P15		<u>42</u>	<u>1635</u>			<u>42</u>	<u>1596</u>
P16		<u>45</u>	<u>1637</u>			<u>45</u>	<u>1599</u>
P17		<u>48</u>	<u>1639</u>			<u>48</u>	<u>1602</u>
P18		<u>51</u>	<u>1640</u>			<u>51</u>	<u>1606</u>
P19		<u>54</u>	<u>1641</u>			<u>54</u>	<u>1609</u>
P20		<u>57</u>	<u>1642</u>			<u>57</u>	<u>1612</u>