

P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

Company McCoy Petroleum Company Lease & Well No. Dalrymple #C-1
Elevation ----- Formation ----- Effective Pay ----- Ft. Ticket No. 535
Date 9/15/78 Sec. 24 Twp. 33S Range 8W County Harper State Kansas
Test Approved by Robert E. McCann Western Representative Jim Wondra

Formation Test No. 1 Interval Tested from 4607' ft. to 4650' ft. Total Depth 4650' ft.
Packer Depth 4602' ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4607' ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set --

Top Recorder Depth (Inside) 4640 ft. Recorder Number 2607 Cap. 4150
Bottom Recorder Depth (Outside) 4643 ft. Recorder Number 3351 Cap. 4000
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --

Drilling Contractor Sweetman #1 Drill Collar Length 278 I. D. 2 1/4 in.
Mud Type chemical-premix Viscosity 51 Weight Pipe Length -- I. D. -- in.
Weight 9.3 Water Loss 16.0 cc. Drill Pipe Length 4408 I. D. 3.8 in.
Chlorides 17,000 P.P.M. Test Tool Size 5 1/2 OD in. Tool Joint Size 4 1/2 FH in.
Jars: Make -- Serial Number -- Anchor Length 43 ft. Size 5 1/2 OD in.
Did Well Flow? Yes Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in.

Blow: Strong blow throughout flow periods. Gas to surface in 25 minutes on pre-flow. See attached sheet for gas measurements.

Recovered 20 ft. of drilling mud
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks:

Time Set Packer(s) 10:00 ~~A.M.~~ P.M. Time Started Off Bottom 1:15 ~~A.M.~~ P.M. Maximum Temperature 129
Initial Hydrostatic Pressure (A) 2369 P.S.I.
Initial Flow Period Minutes 30 (B) 82 P.S.I. to (C) 82 P.S.I.
Initial Closed In Period Minutes 45 (D) 1826 P.S.I.
Final Flow Period Minutes 60 (E) 68 P.S.I. to (F) 68 P.S.I.
Final Closed In Period Minutes 60 (G) 1809 P.S.I.
Final Hydrostatic Pressure (H) 2354 P.S.I.

Phone 316 262-5861
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P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 9/15/78 Ticket 535 Company McCoy Petroleum Company
Well Name and No. Dalrymple "C" #1 Dst No. 1 Interval Tested 4607' - 4650'
County Harper State Kansas Sec. 24 Twp. 33S Rg. 8W

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
Gas to surface in 25 minutes. PRE FLOW						
5 min.	36"	water 1/4"	orifice			10,100 CFPD

SECOND FLOW						
5 min.	14 "	water 1/2"	orifice			23,700 CFPD
10 min.	9"	water 1/2"	orifice			18,800 CFPD
20 min.	8"	water 1/2"	orifice			17,200 CFPD
30 min.	8"	water 1/2"	orifice			17,200 CFPD
40 min.	8"	water 1/2"	orifice			17,200 CFPD
50 min.	8"	water 1/2"	orifice			17,200 CFPD
60 min.	8"	water 1/2"	orifice			17,200 CFPD
Stabalized throughout rest of opening.						

GAS BOTTLE

Serial No. ----- Date Bottle Filled ----- Date to be Invoiced 9/15/78

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 McCoy Petroleum Company
Authorized by Robert E. McCann

WESTERN TESTING CO., INC.
Pressure Data

Date 9/15/78
Recorder No. 2607
Clock No. ----

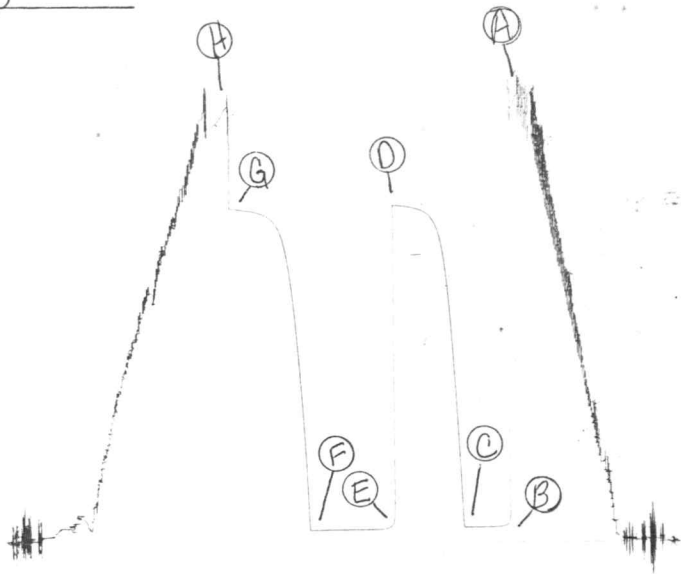
Capacity 4150
Elevation ----
Test Ticket No. 535
Location 4640 Ft.
Well Temperature 129 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2369 P.S.I.	Open Tool	10:00P	M
B First Initial Flow Pressure	82 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	82 P.S.I.	Initial Closed-in Pressure	45 Mins.	51 Mins.
D Initial Closed-in Pressure	1826 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	68 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	68 P.S.I.			
G Final Closed-in Pressure	1809 P.S.I.			
H Final Hydrostatic Mud	2354 P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of <u>6</u> mins. and a final inc. of <u>0</u> Min.		of <u>3</u> mins. and a final inc. of <u>0</u> Min.		of <u>5</u> mins. and a final inc. of <u>0</u> Min.		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>82</u>	<u>0</u>	<u>82</u>	<u>0</u>	<u>68</u>	<u>0</u>	<u>68</u>	
P 2 <u>5</u>	<u>82</u>	<u>3</u>	<u>425</u>	<u>5</u>	<u>68</u>	<u>3</u>	<u>373</u>	
P 3 <u>10</u>	<u>82</u>	<u>6</u>	<u>731</u>	<u>10</u>	<u>68</u>	<u>6</u>	<u>69</u>	
P 4 <u>15</u>	<u>82</u>	<u>9</u>	<u>981</u>	<u>15</u>	<u>68</u>	<u>9</u>	<u>908</u>	
P 5 <u>20</u>	<u>82</u>	<u>12</u>	<u>1219</u>	<u>20</u>	<u>68</u>	<u>12</u>	<u>1207</u>	
P 6 <u>25</u>	<u>82</u>	<u>15</u>	<u>1433</u>	<u>25</u>	<u>68</u>	<u>15</u>	<u>1412</u>	
P 7 <u>30</u>	<u>82</u>	<u>18</u>	<u>1583</u>	<u>30</u>	<u>68</u>	<u>18</u>	<u>1543</u>	
P 8 _____		<u>21</u>	<u>1679</u>	<u>35</u>	<u>68</u>	<u>21</u>	<u>1637</u>	
P 9 _____		<u>24</u>	<u>1731</u>	<u>40</u>	<u>68</u>	<u>24</u>	<u>1692</u>	
P10 _____		<u>27</u>	<u>1767</u>	<u>45</u>	<u>68</u>	<u>27</u>	<u>1730</u>	
P11 _____		<u>30</u>	<u>1788</u>	<u>50</u>	<u>68</u>	<u>30</u>	<u>1754</u>	
P12 _____		<u>33</u>	<u>1800</u>	<u>55</u>	<u>68</u>	<u>33</u>	<u>1768</u>	
P13 _____		<u>36</u>	<u>1808</u>	<u>60</u>	<u>68</u>	<u>36</u>	<u>1779</u>	
P14 _____		<u>39</u>	<u>1815</u>			<u>39</u>	<u>1788</u>	
P15 _____		<u>42</u>	<u>1818</u>			<u>42</u>	<u>1792</u>	
P16 _____		<u>45</u>	<u>1821</u>			<u>45</u>	<u>1796</u>	
P17 _____		<u>48</u>	<u>1823</u>			<u>48</u>	<u>1799</u>	
P18 _____		<u>51</u>	<u>1826</u>			<u>51</u>	<u>1803</u>	
P19 _____						<u>54</u>	<u>1807</u>	
P20 _____						<u>57</u>	<u>1808</u>	
						<u>60</u>	<u>1809</u>	

TK# 535
I.





P. O. BOX 1599 PHONE (316) 838-0601
 WICHITA, KANSAS 67201

Company McCoy Petroleum Company Lease & Well No. Dalrymple "C"-1
 Elevation ----- Formation ----- Effective Pay ----- Ft. Ticket No. 536
 Date 9/15/78 Sec. 24 Twp. 33S Range 8W County Harper State Kansas
 Test Approved by Robert E. McCann Western Representative Jim Wondra

Formation Test No. 2 Interval Tested from 4650' ft. to 4670' ft. Total Depth 4670' ft.
 Packer Depth 4645 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 4650 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set --

Top Recorder Depth (Inside) 4660 ft. Recorder Number 2607 Cap. 4150
 Bottom Recorder Depth (Outside) 4663 ft. Recorder Number 3351 Cap. 4000
 Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --

Drilling Contractor Sweetman #1 Drill Collar Length 278 I. D. 2 1/4 in.
 Mud Type chemical-premix Viscosity 51 Weight Pipe Length - I. D. - in.
 Weight 9.3 Water Loss 16.0 cc. Drill Pipe Length - I. D. 3.8 in.
 Chlorides 17,000 P.P.M. Test Tool Size 5 1/2 OD in. Tool Joint Size 4 1/2 FH in.
 Jars: Make -- Serial Number -- Anchor Length 20 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.

Blow: Very weak blow; died in 26 minutes on pre-flow. Bubbles died in eleven minutes after flushed tool on second opening.

Recovered 62 ft. of drilling mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks: Flushed tool in five minutes after second opening.

Time Set Packer(s) 5:30 ~~A.M.~~ P.M. Time Started Off Bottom 7:30 ~~A.M.~~ P.M. Maximum Temperature 139
 Initial Hydrostatic Pressure 2443 P.S.I. (A)
 Initial Flow Period 30 Minutes (B) 74 P.S.I. to (C) 66 P.S.I.
 Initial Closed In Period 30 Minutes (D) 76 P.S.I.
 Final Flow Period 30 Minutes (E) 66 P.S.I. to (F) 79 P.S.I.
 Final Closed In Period 30 Minutes (G) 88 P.S.I.
 Final Hydrostatic Pressure 2378 P.S.I. (H)

WESTERN TESTING CO., INC.
Pressure Data

Date 9/15/78 Test Ticket No. 536
 Recorder No. 2607 Capacity 4150 Location 4660 Ft.
 Clock No. -- Elevation -- Well Temperature 139 °F

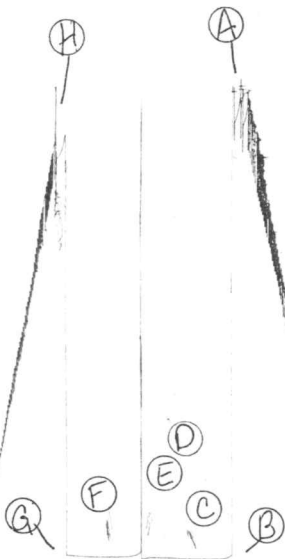
Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	2443	P.S.I.	5:30P M	
B. First Initial Flow Pressure	74	P.S.I.	30 Mins.	30 Mins.
C. First Final Flow Pressure	66	P.S.I.	30 Mins.	30 Mins.
D. Initial Closed-in Pressure	76	P.S.I.	30 Mins.	30 Mins.
E. Second Initial Flow Pressure	66	P.S.I.	30 Mins.	30 Mins.
F. Second Final Flow Pressure	79	P.S.I.		
G. Final Closed-in Pressure	88	P.S.I.		
H. Final Hydrostatic Mud	2378	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>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>10</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>74</u>	<u>0</u>	<u>66</u>	<u>0</u>	<u>66</u>	<u>0</u>	<u>79</u>
P 2 <u>5</u>	<u>74</u>	<u>3</u>	<u>68</u>	<u>5</u>	<u>66</u>	<u>3</u>	<u>79</u>
P 3 <u>10</u>	<u>68</u>	<u>6</u>	<u>69</u>	<u>10</u>	<u>85</u>	<u>6</u>	<u>79</u>
P 4 <u>15</u>	<u>66</u>	<u>9</u>	<u>74</u>	<u>15</u>	<u>79</u>	<u>9</u>	<u>80</u>
P 5 <u>20</u>	<u>66</u>	<u>12</u>	<u>75</u>	<u>20</u>	<u>79</u>	<u>12</u>	<u>80</u>
P 6 <u>25</u>	<u>66</u>	<u>15</u>	<u>76</u>	<u>25</u>	<u>79</u>	<u>15</u>	<u>81</u>
P 7 <u>30</u>	<u>66</u>	<u>18</u>	<u>76</u>	<u>30</u>	<u>79</u>	<u>18</u>	<u>82</u>
P 8 _____	_____	<u>21</u>	<u>76</u>	_____	_____	<u>21</u>	<u>83</u>
P 9 _____	_____	<u>24</u>	<u>76</u>	_____	_____	<u>24</u>	<u>84</u>
P10 _____	_____	<u>27</u>	<u>76</u>	_____	_____	<u>27</u>	<u>87</u>
P11 _____	_____	<u>30</u>	<u>76</u>	_____	_____	<u>30</u>	<u>88</u>
P12 _____	_____	_____	_____	_____	_____	_____	_____
P13 _____	_____	_____	_____	_____	_____	_____	_____
P14 _____	_____	_____	_____	_____	_____	_____	_____
P15 _____	_____	_____	_____	_____	_____	_____	_____
P16 _____	_____	_____	_____	_____	_____	_____	_____
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____

TK#536

I.





P. O. BOX 1599 PHONE (316) 838-0601
 WICHITA, KANSAS 67201

Company McCoy Petroleum Company Lease & Well No. Dalrymple "C" #1
 Elevation 1396 Kelly Bushing Formation Krider Effective Pay --- Ft. Ticket No. 579
 Date 9/19/78 Sec. 24 Twp. 33S Range 8W County Harper State Kansas
 Test Approved by Robert E. McCann Western Representative Rod Tritt

Formation Test No. 3 Interval Tested from 1590' ft. to 1617' ft. Total Depth 5136' ft.
 Packer Depth 1590 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 1617 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set 1590'-1617' Hook set at 1640'

Top Recorder Depth (Inside) 1594 ft. Recorder Number 2604 Cap. 4150
 Bottom Recorder Depth (Outside) 1597 ft. Recorder Number 2606 Cap. 4150
 Below Straddle Recorder Depth 1645 ft. Recorder Number -- Cap. --

Drilling Contractor Sweetman Drilling Co. Drill Collar Length 278 I. D. 2 1/4 in.
 Mud Type premix Viscosity 55 Weight Pipe Length -- I. D. -- in.
 Weight 8.6 Water Loss 14.8 cc. Drill Pipe Length 1297 I. D. 3.8 in.
 Chlorides 5,000 P.P.M. Test Tool Size 5 1/2 OD in. Tool Joint Size 4 1/2 FH in.
 Jars: Make No Serial Number No Anchor Length 27 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.

Blow: Strong blow on initial flow period. Strong blow decreasing to fair blow on final.

Recovered 72 ft. of gas cut mud
 Recovered 62 ft. of water cut mud
 Recovered 62 ft. of water
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: _____

Time Set Packer(s) 12:20 ~~AM~~ P.M. Time Started Off Bottom 2:50 ~~AM~~ P.M. Maximum Temperature _____
 Initial Hydrostatic Pressure (A) 752 P.S.I.
 Initial Flow Period Minutes 30 (B) 70 P.S.I. to (C) 78 P.S.I.
 Initial Closed In Period Minutes 45 (D) 606 P.S.I.
 Final Flow Period Minutes 30 (E) 111 P.S.I. to (F) 110 P.S.I.
 Final Closed In Period Minutes 45 (G) 595 P.S.I.
 Final Hydrostatic Pressure (H) 694 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 9/19/78 Test Ticket No. 579
 Recorder No. 2604 Capacity 4150 Location 1594 Ft.
 Clock No. -- Elevation 1396 Kelly Bushing Well Temperature -- °F

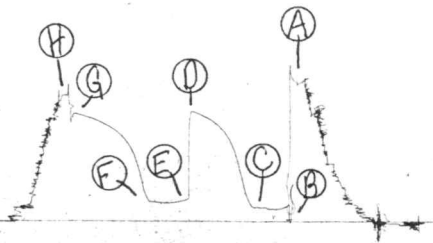
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	752	P.S.I.	12:20P	M
B First Initial Flow Pressure	70	P.S.I.	30	Mins. 25 Mins.
C First Final Flow Pressure	78	P.S.I.	45	Mins. 45 Mins.
D Initial Closed-in Pressure	606	P.S.I.	30	Mins. 30 Mins.
E Second Initial Flow Pressure	111	P.S.I.	45	Mins. 57 Mins.
F Second Final Flow Pressure	110	P.S.I.		
G Final Closed-in Pressure	595	P.S.I.		
H Final Hydrostatic Mud	694	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In		
Breakdown: <u>5</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>19</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	0	70	0	78	0	111	0	110
P 2	5	70	3	96	5	111	3	143
P 3	10	65	6	151	10	102	6	213
P 4	15	69	9	230	15	99	9	297
P 5	20	76	12	314	20	102	12	363
P 6	25	78	15	384	25	108	15	408
P 7			18	438	30	110	18	440
P 8			21	476			21	466
P 9			24	506			24	487
P10			27	531			27	506
P11			30	546			30	521
P12			33	562			33	531
P13			36	575			36	544
P14			39	586			39	553
P15			42	597			42	564
P16			45	606			45	573
P17							48	579
P18							51	586
P19							54	591
P20							57	595

6204

TKA#-579
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TKI# 579

Below Straddle

