

Company Kansas Oil Corporation Lease & Well No. Medicine Lodge Hospital #1  
 Elevation 1527 Ground Level Formation Douglas Effective Pay - Ft. Ticket No. 6194  
 Date 6-9-80 Sec. 24 Twp. 33S Range 13W County Barber State Kansas  
 Test Approved by Robert Layman Western Representative Dave Sloan

Formation Test No. #1 Interval Tested from 3807 ft. to 3863 ft. Total Depth 3863 ft.  
 Packer Depth 3802 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 3807 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -  
 Top Recorder Depth (Inside) 3821 ft. Recorder Number 2604 Cap. 4150  
 Bottom Recorder Depth (Outside) 3824 ft. Recorder Number 6246 Cap. 5200  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Abercrombie Drlg. Co. Rig #11 Drill Collar Length 90 I. D. 2.2 in.  
 Mud Type Drispac Viscosity 52 Weight Pipe Length 600 I. D. 3.2 in.  
 Weight 9.2 Water Loss 9.0 cc. Drill Pipe Length 3088 I. D. 3.8 in.  
 Chlorides 16,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 OD in.  
 Jars: Make WTC Serial Number 408 32' drill pipe & 24' anchor 5 1/2 OD in.  
 Did Well Flow? Yes Reversed Out - Anchor Length - ft. Size - in.  
 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 blow, gas to surface 30 minutes on initial flow period  
See attached sheet for gas measurements.

Recovered 2300 ft. of Water Chlorides: 93,000 PPM  
 Recovered - ft. of -  
 Recovered - ft. of -  
 Recovered - ft. of -  
 Recovered - ft. of -

Remarks: Well flowed muddy salt water mixed with gas after 20 minute final flow period.

Time Set Packer(s) 4:00 ~~-A.M.~~ P.M. Time Started Off Bottom 7:45 ~~-A.M.~~ P.M. Maximum Temperature 118  
 Initial Hydrostatic Pressure ..... (A) 1853 P.S.I.  
 Initial Flow Period ..... Minutes 30 (B) 335 P.S.I. to (C) 1021 P.S.I.  
 Initial Closed In Period ..... Minutes 60 (D) 1439 P.S.I.  
 Final Flow Period ..... Minutes 45 (E) 1123 P.S.I. to (F) 1231 P.S.I.  
 Final Closed In Period ..... Minutes 90 (G) 1449 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 1838 P.S.I.

## GAS FLOW REPORT

Date 6/9/80 Ticket 6194 Company Kansas Oil Corporation  
 Well Name and No. Medicine Lodge Hospital #1 Dst No. 1 Interval Tested 3807'-3863'  
 County Barber State Kansas Sec. 24 Twp. 33S Rg. 13W

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
<b>PRE FLOW</b>						
						Gas to surface at end of thirty minutes on initial flow period.
<b>SECOND FLOW</b>						
	10 min.	.26" of water		1/2" orifice		31,900 CFPD
	20 min.	.26" of water		1/2" orifice		31,900 CFPD
						Well started flowing muddy salt water and blowing gas. Unable to gauge.

### GAS BOTTLE

Serial No. ---- Date Bottle Filled ----- Date to be Invoiced 6/9/80

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 Kansas Oil Corporation  
 Authorized by Robert Layman

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 6-9-80 Test Ticket No. 6194  
 Recorder No. 2604 Capacity 4150 Location 3821 Ft.  
 Clock No. \_\_\_\_\_ Elevation 1527 Ground Level Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1853	P.S.I.	4:00 P	
B First Initial Flow Pressure	335	P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	1021	P.S.I.	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1439	P.S.I.	45 Mins.	45 Mins.
E Second Initial Flow Pressure	1123	P.S.I.	90 Mins.	90 Mins.
F Second Final Flow Pressure	1231	P.S.I.		
G Final Closed-in Pressure	1449	P.S.I.		
H Final Hydrostatic Mud	1838	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.
	6		12		9		30	
	of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
	final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1 0	335	0	1021	0	1123	0	1231	
P 2 5	481	3	1303	3	1131	3	1349	
P 3 10	618	6	1347	6	1167	6	1385	
P 4 15	736	9	1370	9	1211	9	1399	
P 5 20	843	12	1381	12	1251	12	1410	
P 6 25	935	15	1395	15	1270	15	1418	
P 7 30	1021	18	1401	18	1270	18	1422	
P 8		21	1408	21	1265	21	1426	
P 9		24	1414	24	1252	24	1429	
P10		27	1418	27	1231	27	1432	
P11		30	1418	30		30	1433	
P12		33	1427	33		33	1435	
P13		36	1429	36		36	1436	
P14		39	1431	39		39	1438	
P15		42	1432	42		42	1440	
P16		45	1433	45		45	1440	
P17		48	1434	48		48	1441	
P18		51	1436	51		51	1441	
P19		54	1437	54		54	1442	
P20		57	1438	57		57	1442	
		60	1439	60		60	1443	

WESTERN TESTING CO., INC.

Pressure Data

Date 6-9-80

Test Ticket No. 6194

Recorder No. 2604 Capacity 4150

Location 3821 Ft.

Clock No. \_\_\_\_\_ Elevation 1527 Ground Level

Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1853	P.S.I.	4:00 P	
B First Initial Flow Pressure	335	P.S.I.		
C First Final Flow Pressure	1021	P.S.I.		
D Initial Closed-in Pressure	1439	P.S.I.		
E Second Initial Flow Pressure	1123	P.S.I.		
F Second Final Flow Pressure	1231	P.S.I.		
G Final Closed-in Pressure	1449	P.S.I.		
H Final Hydrostatic Mud	1838	P.S.I.		

	Time Given	Time Computed
Open Tool	4:00 P	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	60 Mins.	60 Mins.
Second Flow Pressure	45 Mins.	45 Mins.
Final Closed-in Pressure	90 Mins.	90 Mins.

PRESSURE BREAKDOWN

First Flow Pressure  
Breakdown: 6 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

Initial Shut-In  
Breakdown: 12 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

Second Flow Pressure  
Breakdown: 9 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

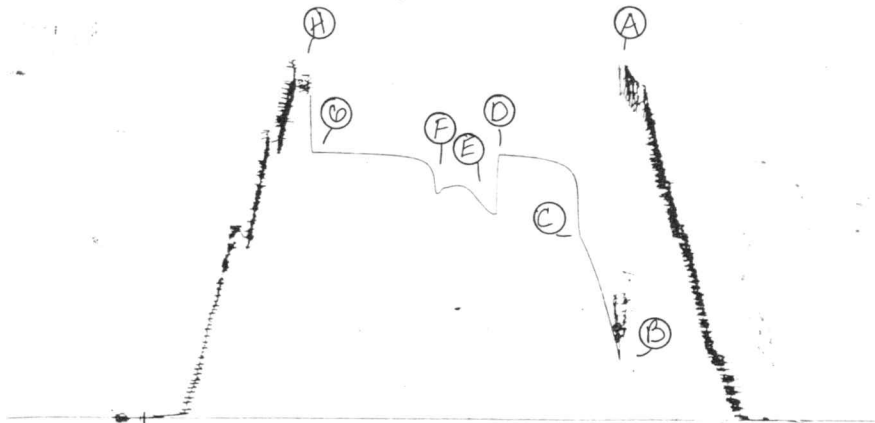
Final Shut-In  
Breakdown: 30 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	1443
P 2						66	1444
P 3						69	1445
P 4						72	1445
P 5						75	1446
P 6						78	1447
P 7						81	1447
P 8						84	1448
P 9						87	1448
P10						90	1449
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

2604

KANSAS oil  
DST 1

TRK # 6194  
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Company Kansas Oil Corporation Lease & Well No. Medicine Lodge Hospital #1  
 Elevation 1527 Ground Level Formation Dennis Effective Pay - Ft. Ticket No. 5429  
 Date 6-11-80 Sec. 24 Twp. 33S Range 13W County Barber State Kansas  
 Test Approved by Robert L. Layman Western Representative Stuart Stover

Formation Test No. 2 Interval Tested from 4265 ft. to 4305 ft. Total Depth 4305 ft.  
 Packer Depth 4260 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 4265 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -  
 Top Recorder Depth (Inside) 4270 ft. Recorder Number 11018 Cap. 4425  
 Bottom Recorder Depth (Outside) 4273 ft. Recorder Number 11019 Cap. 4500  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Abercrombie Drlg. Co. Rig #11 Drill Collar Length 90 I. D. 2 1/4 in.  
 Mud Type Monpac Viscosity 47 Weight Pipe Length 600 I. D. 3.0 in.  
 Weight 9.3 Water Loss 11.0 cc. Drill Pipe Length 3535 I. D. 4.0 in.  
 Chlorides 32,000 P.P.M. Test Tool Length 21 ft. Tool Size 3 1/2 in.  
 Jars: Make - Serial Number - Anchor Length 40 ft. Size 4 1/2 in.  
 Did Well Flow? - Reversed Out - Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.  
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 in.

Blow: Good blow off bottom of bucket.

Recovered 180 ft. of Muddy water  
 Recovered 720 ft. of Gassy salt water  
 Recovered ft. of Chlorides Top 48,000  
 Recovered ft. of Middle 180,000  
 Recovered ft. of Top 230,000

Remarks: \_\_\_\_\_

Time Set Packer(s) 12:30 ~~A.M.~~ P.M. Time Started Off Bottom 3:30 ~~A.M.~~ P.M. Maximum Temperature 117  
 Initial Hydrostatic Pressure (A) 2082 P.S.I.  
 Initial Flow Period Minutes 30 (B) 116 P.S.I. to (C) 304 P.S.I.  
 Initial Closed In Period Minutes 60 (D) 1682 P.S.I.  
 Final Flow Period Minutes 30 (E) 366 P.S.I. to (F) 438 P.S.I.  
 Final Closed In Period Minutes 60 (G) 1603 P.S.I.  
 Final Hydrostatic Pressure (H) 2057 P.S.I.

# WESTERN TESTING CO., INC.

## Pressure Data

Date 6-11-80 Test Ticket No. 5429  
 Recorder No. 11018 Capacity 4425 Location 4270 Ft.  
 Clock No. ----- Elevation 1527 Ground Level Well Temperature 117 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2082</u> P.S.I.	Open Tool	<u>12:30 P</u> M	
B First Initial Flow Pressure	<u>116</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>304</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1682</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>366</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>438</u> P.S.I.			
G Final Closed-in Pressure	<u>1603</u> P.S.I.			
H Final Hydrostatic Mud	<u>2057</u> P.S.I.			

### PRESSURE BREAKDOWN

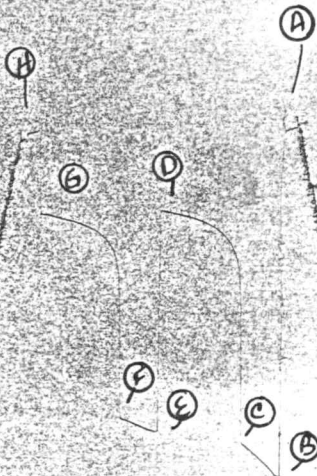
Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of <u>5</u> mins. and a final inc. of <u>0</u> Min.		of <u>3</u> mins. and a final inc. of <u>0</u> Min.		of <u>5</u> mins. and a final inc. of <u>0</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>116</u>	<u>0</u>	<u>304</u>	<u>0</u>	<u>366</u>	<u>0</u>	<u>438</u>	
P 2 <u>5</u>	<u>140</u>	<u>3</u>	<u>1281</u>	<u>5</u>	<u>373</u>	<u>3</u>	<u>1270</u>	
P 3 <u>10</u>	<u>180</u>	<u>6</u>	<u>1389</u>	<u>10</u>	<u>385</u>	<u>6</u>	<u>1376</u>	
P 4 <u>15</u>	<u>222</u>	<u>9</u>	<u>1431</u>	<u>15</u>	<u>403</u>	<u>9</u>	<u>1422</u>	
P 5 <u>20</u>	<u>255</u>	<u>12</u>	<u>1469</u>	<u>20</u>	<u>420</u>	<u>12</u>	<u>1456</u>	
P 6 <u>25</u>	<u>285</u>	<u>15</u>	<u>1497</u>	<u>25</u>	<u>431</u>	<u>15</u>	<u>1477</u>	
P 7 <u>30</u>	<u>304</u>	<u>18</u>	<u>1515</u>	<u>30</u>	<u>438</u>	<u>18</u>	<u>1495</u>	
P 8		<u>21</u>	<u>1533</u>			<u>21</u>	<u>1511</u>	
P 9		<u>24</u>	<u>1544</u>			<u>24</u>	<u>1523</u>	
P10		<u>27</u>	<u>1555</u>			<u>27</u>	<u>1533</u>	
P11		<u>30</u>	<u>1566</u>			<u>30</u>	<u>1542</u>	
P12		<u>33</u>	<u>1574</u>			<u>33</u>	<u>1552</u>	
P13		<u>36</u>	<u>1585</u>			<u>36</u>	<u>1559</u>	
P14		<u>39</u>	<u>1592</u>			<u>39</u>	<u>1566</u>	
P15		<u>42</u>	<u>1597</u>			<u>42</u>	<u>1570</u>	
P16		<u>45</u>	<u>1603</u>			<u>45</u>	<u>1575</u>	
P17		<u>48</u>	<u>1608</u>			<u>48</u>	<u>1581</u>	
P18		<u>51</u>	<u>1614</u>			<u>51</u>	<u>1588</u>	
P19		<u>54</u>	<u>1619</u>			<u>54</u>	<u>1594</u>	
P20		<u>57</u>	<u>1624</u>			<u>57</u>	<u>1599</u>	
WTC - 4		<u>60</u>	<u>1628</u>			<u>60</u>	<u>1603</u>	

IKT # 5429

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11018-5429

DST #2



Company Kansas Oil Corporation Lease & Well No. Medicine Lodge Hospital #1  
 Elevation ----- Formation Mississippi Effective Pay - Ft. Ticket No. 5430  
 Date 6/12/80 Sec. 24 Twp. 33S Range 13W County Barber State Kansas  
 Test Approved by Robert L. Layman Western Representative Stuart Stover

Formation Test No. 3 Interval Tested from 4435 ft. to 4475 ft. Total Depth 4475 ft.  
 Packer Depth 4430 ft. Size 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 4435 ft. Size 3/4 in. Packer Depth - ft. Size --- in.  
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4440 ft. Recorder Number 11018 Cap. 4425  
 Bottom Recorder Depth (Outside) 4443 ft. Recorder Number 11019 Cap. 4500  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Abercrombie Drilling #11 Drill Collar Length 90 I. D. 2 3/4 in.  
 Mud Type monpac Viscosity 44 Weight Pipe Length 600 I. D. 3.0 in.  
 Weight 9.2 Water Loss 14.0 cc. Drill Pipe Length 3724 I. D. 4.0 in.  
 Chlorides 35,000 P.P.M. Test Tool Length 21 ft. Tool Size 3 1/2 in.  
 Jars: Make - Serial Number - Anchor Length 40 ft. Size 4 1/2 in.  
 Did Well Flow? - Reversed Out - Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.  
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 in.

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

Recovered        ft. of         
 Recovered 150 ft. of gassy drilling mud  
 Recovered        ft. of         
 Recovered        ft. of         
 Recovered        ft. of Chlorides 50,000 ppm

Remarks:       

Time Set Packer(s) 5:00 A.M. Time Started Off Bottom 8:45 P.M. Maximum Temperature 122°  
 Initial Hydrostatic Pressure ..... (A) 2200 P.S.I.  
 Initial Flow Period ..... Minutes 30 (B) 120 P.S.I. to (C) 118 P.S.I.  
 Initial Closed In Period ..... Minutes 60 (D) 297 P.S.I.  
 Final Flow Period ..... Minutes 45 (E) 103 P.S.I. to (F) 106 P.S.I.  
 Final Closed In Period ..... Minutes 87 (G) 298 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 1715 P.S.I.

## GAS FLOW REPORT

Date 6/12/80 Ticket 5430 Company 5430 Kansas Oil Corporation  
 Well Name and No. Medicine Lodge Hospital #1 Dst No. 3 Interval Tested 4435'-4475'  
 County Barber State Kansas Sec. 24 Twp. 33S Rg. 13W

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
<b>PRE FLOW</b>						
	5 min.	7.0 lbs.	1/2" orifice			94,500 CFPD
	10 min.	16.0 lbs.	1/2" orifice			153,000 CFPD
	15 min.	21.0 lbs.	1/2" orifice			183,000 CFPD
	20 min.	25.0 lbs.	1/2" orifice			205,000 CFPD
	25 min.	26.0 lbs.	1/2" orifice			211,000 CFPD
	30 min.	27.0 lbs.	1/2" orifice			216,000 CFPD

<b>SECOND FLOW</b>						
	5 min.	8 lbs.	3/4" orifice			227,000 CFPD
	10 min.	39 lbs.	3/4" orifice			245,000 CFPD
	15 min.	10 lbs.	3/4" orifice			259,000 CFPD
	20 min.	10 lbs.	3/4" orifice			259,000 CFPD
	25 min.	10 lbs.	3/4" orifice			259,000 CFPD
	30 min.	10 lbs.	3/4" orifice			259,000 CFPD
	35 min.	10 lbs.	3/4" orifice			259,000 CFPD
	40 min.	10 lbs.	3/4" orifice			259,000 CFPD
	45 min.	10 lbs.	3/4" orifice			259,000 CFPD

### GAS BOTTLE

Serial No. -- Date Bottle Filled --- Date to be Invoiced 6/12/80

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 KANSAS OIL CORPORATION  
 Authorized by Robert L. Layman

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 6-12-80 Test Ticket No. 5430  
 Recorder No. 11018 Capacity 4425 Location 4440 Ft.  
 Clock No. ----- Elevation ----- Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2200</u> P.S.I.	Open Tool	<u>5:00 P M</u>	
B First Initial Flow Pressure	<u>120</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>118</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>297</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>103</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>87</u> Mins.
F Second Final Flow Pressure	<u>106</u> P.S.I.			
G Final Closed-in Pressure	<u>298</u> P.S.I.			
H Final Hydrostatic Mud	<u>1715</u> P.S.I.			

**PRESSURE BREAKDOWN**

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In			
	Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>28</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.			
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>120</u>	<u>0</u>	<u>118</u>	<u>0</u>	<u>103</u>	<u>0</u>	<u>106</u>
P 2	<u>111</u>	<u>3</u>	<u>258</u>	<u>5</u>	<u>103</u>	<u>3</u>	<u>233</u>
P 3	<u>105</u>	<u>6</u>	<u>275</u>	<u>10</u>	<u>103</u>	<u>6</u>	<u>260</u>
P 4	<u>108</u>	<u>9</u>	<u>282</u>	<u>15</u>	<u>103</u>	<u>9</u>	<u>266</u>
P 5	<u>112</u>	<u>12</u>	<u>286</u>	<u>20</u>	<u>104</u>	<u>12</u>	<u>273</u>
P 6	<u>116</u>	<u>15</u>	<u>288</u>	<u>25</u>	<u>104</u>	<u>15</u>	<u>277</u>
P 7	<u>118</u>	<u>18</u>	<u>290</u>	<u>30</u>	<u>104</u>	<u>18</u>	<u>282</u>
P 8		<u>21</u>	<u>292</u>	<u>35</u>	<u>105</u>	<u>21</u>	<u>284</u>
P 9		<u>24</u>	<u>294</u>	<u>40</u>	<u>105</u>	<u>24</u>	<u>287</u>
P 10		<u>27</u>	<u>296</u>	<u>45</u>	<u>106</u>	<u>27</u>	<u>288</u>
P 11		<u>30</u>	<u>297</u>			<u>30</u>	<u>289</u>
P 12		<u>33</u>	<u>297</u>			<u>33</u>	<u>290</u>
P 13		<u>36</u>	<u>297</u>			<u>36</u>	<u>291</u>
P 14		<u>39</u>	<u>297</u>			<u>39</u>	<u>292</u>
P 15		<u>42</u>	<u>297</u>			<u>42</u>	<u>293</u>
P 16		<u>45</u>	<u>297</u>			<u>45</u>	<u>293</u>
P 17		<u>48</u>	<u>297</u>			<u>48</u>	<u>294</u>
P 18		<u>51</u>	<u>297</u>			<u>51</u>	<u>295</u>
P 19		<u>54</u>	<u>297</u>			<u>54</u>	<u>296</u>
P 20		<u>57</u>	<u>297</u>			<u>57</u>	<u>297</u>
WTC - 4		<u>60</u>	<u>297</u>			<u>60</u>	<u>298</u>

Continued on next page

**WESTERN TESTING CO., INC.**

**Pressure Data**

Date 6-12-80

Test Ticket No. 5430

Recorder No. 11018 Capacity 4425 Location 4440 Ft.

Clock No. ----- Elevation ----- Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2200</u> P.S.I.	Open Tool	<u>5:00 P.M.</u>	
B First Initial Flow Pressure	<u>120</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>118</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>297</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>103</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>87</u> Mins.
F Second Final Flow Pressure	<u>106</u> P.S.I.			
G Final Closed-in Pressure	<u>298</u> P.S.I.			
H Final Hydrostatic Mud	<u>1715</u> P.S.I.			

**PRESSURE BREAKDOWN**

**First Flow Pressure**  
Breakdown: 6 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

**Initial Shut-In**  
Breakdown: 20 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

**Second Flow Pressure**  
Breakdown: 9 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

**Final Shut-In**  
Breakdown: 28 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>63</u>	<u>298</u>
P 2						<u>66</u>	<u>298</u>
P 3						<u>69</u>	<u>298</u>
P 4						<u>72</u>	<u>298</u>
P 5						<u>75</u>	<u>298</u>
P 6						<u>78</u>	<u>298</u>
P 7						<u>81</u>	<u>298</u>
P 8						<u>84</u>	<u>298</u>
P 9						<u>87</u>	<u>298</u>
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TKT # 5430

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11018-5430

DST # 3

