



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

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N° 6275

KC Kansas City

Elevation

Formation

Eff. Pay — Ft.

District Great Bend Date 7-11-80 Customer Order No. —

COMPANY NAME K.P.M. Petroleum Co.

ADDRESS 817 17th Street Suite 820 Denver CO, 80202

LEASE AND WELL NO. Beylen #1 COUNTY Comanche STATE KS Sec. 11 Twp. 34 Rge. 20W

Mail Invoice To Dan #1 Co. Name same Address — No. Copies Requested 5

Mail Charts To Ref #1 Co. Name same Address — No. Copies Requested 5/8

Formation Test No. — Interval Tested from 4769 ft. to 4769 ft. Total Depth 4769 ft.

Packer Depth 4712 ft. Size 6 3/4 in. Packer Depth 4717 ft. Size 6 3/4 in.

Packer Depth — ft. Size — in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4725 ft. Recorder Number 10207 Cap. 5400

Bottom Recorder Depth (Outside) 4728 ft. Recorder Number 969 Cap. 4200

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

Drilling Contractor EXPLOR RIG #1 Drill Collar Length 240 I. D. 2 1/4 in.

Mud Type Chemical Viscosity 45 Weight Pipe Length — I. D. — in.

Weight 9.0 Water Loss 7.8 cc. Drill Pipe Length 4448 I. D. 2.7 in.

Chlorides 13,500 P.P.M. Test Tool Length 30 ft. Tool Size 4 3/4 in.

Jars: Make WESTERN Serial Number 414 Anchor Length 52 ft. Size 5 1/2 + 4 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 4" FH in.

Blow: INCREASING BLOW TO BOTTOM OF BUCKET IN 3 MIN BLEW OFF THRU 2 INCH DECREASED TO 5 INCHES IN BUCKET FIRST OPENING - WEAK BLOW

Recovered 640 ft. of GAS IN PIPE

Recovered 75 ft. of MUD WITH OIL SPOTS

Recovered 5 ft. of SLIGHTLY OIL CUT MUD

Recovered — ft. of —

Recovered — ft. of —

Remarks: Read Outside Chart 969

ON LOC AT 8:30 PM LEAVE AT 10:30 AM.

Time Set Packer(s) 1106 A.M. Time Started Off Bottom 5:38 A.M. Maximum Temperature 128

Initial Hydrostatic Pressure (A) 2274 P.S.I.

Initial Flow Period Minutes 30 (B) 61 P.S.I. to (C) 61 P.S.I.

Initial Closed In Period Minutes 60 (D) 297 P.S.I.

Final Flow Period Minutes 60 (E) 71 P.S.I. to (F) 71 P.S.I.

Final Closed In Period Minutes 120 (G) 430 P.S.I.

Final Hydrostatic Pressure (H) 2274 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 Jim Bird Signature of Customer or his authorized representative

Western Representative Roger Lisneby

FIELD INVOICE

Open Hole Test 600.00
Misrun \$
Straddle Test \$
Jars 300.00
Selective Zone \$
Safety Joint 50.00
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
80 Mileage 60.00
Fluid Sampler \$
13 Extra Charts 65.00
TOTAL 1075.00

WESTERN TESTING CO., INC.

Pressure Data

Date 7-11 Test Ticket No. 6275
 Recorder No. 969 Capacity 4000 Location 4728 Ft.
 Clock No. Elevation Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2287</u>	P.S.I.	<u>1:06 A</u>	<u>M</u>
B First Initial Flow Pressure	<u>75</u>	P.S.I.	<u>30</u>	<u>30</u> Mins
C First Final Flow Pressure	<u>59</u>	P.S.I.	<u>60</u>	<u>60</u> Mins
D Initial Closed-in Pressure	<u>295</u>	P.S.I.	<u>60</u>	<u>60</u> Mins
E Second Initial Flow Pressure	<u>83</u>	P.S.I.	<u>120</u>	<u>123</u> Mins
F Second Final Flow Pressure	<u>71</u>	P.S.I.		
G Final Closed-in Pressure	<u>426</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2281</u>	P.S.I.		

Open Tool
 First Flow Pressure
 Initial Closed-in Pressure
 Second Flow Pressure
 Final Closed-in Pressure

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: 12 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 41 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>75</u>	<u>0</u>	<u>59</u>	<u>0</u>	<u>83</u>	<u>0</u>	<u>71</u>
P 2 <u>5</u>	<u>65</u>	<u>3</u>	<u>69</u>	<u>5</u>	<u>77</u>	<u>3</u>	<u>71</u>
P 3 <u>10</u>	<u>59</u>	<u>6</u>	<u>79</u>	<u>10</u>	<u>73</u>	<u>6</u>	<u>79</u>
P 4 <u>15</u>		<u>9</u>	<u>90</u>	<u>15</u>	<u>71</u>	<u>9</u>	<u>86</u>
P 5 <u>20</u>		<u>12</u>	<u>100</u>	<u>20</u>		<u>12</u>	<u>92</u>
P 6 <u>25</u>		<u>15</u>	<u>115</u>	<u>25</u>		<u>15</u>	<u>100</u>
P 7 <u>30</u>	<u>59</u>	<u>18</u>	<u>125</u>	<u>30</u>		<u>18</u>	<u>106</u>
P 8 <u>35</u>		<u>21</u>	<u>135</u>	<u>35</u>		<u>21</u>	<u>112</u>
P 9 <u>40</u>		<u>24</u>	<u>147</u>	<u>40</u>		<u>24</u>	<u>119</u>
P10 <u>45</u>		<u>27</u>	<u>160</u>	<u>45</u>		<u>27</u>	<u>125</u>
P11 <u>50</u>		<u>30</u>	<u>171</u>	<u>50</u>		<u>30</u>	<u>131</u>
P12 <u>55</u>		<u>33</u>	<u>182</u>	<u>55</u>		<u>33</u>	<u>139</u>
P13 <u>60</u>		<u>36</u>	<u>195</u>	<u>60</u>	<u>71</u>	<u>36</u>	<u>143</u>
P14		<u>39</u>	<u>209</u>	<u>65</u>		<u>39</u>	<u>149</u>
P15		<u>42</u>	<u>221</u>	<u>70</u>		<u>42</u>	<u>156</u>
P16		<u>45</u>	<u>234</u>	<u>75</u>		<u>45</u>	<u>164</u>
P17		<u>48</u>	<u>250</u>	<u>80</u>		<u>48</u>	<u>170</u>
P18		<u>51</u>	<u>262</u>	<u>85</u>		<u>51</u>	<u>178</u>
P19		<u>54</u>	<u>275</u>	<u>90</u>		<u>54</u>	<u>186</u>
P20		<u>57</u>	<u>285</u>			<u>57</u>	<u>194</u>
		<u>60</u>	<u>295</u>			<u>60</u>	<u>200</u>

Cont.

Pressure Data

Test Ticket No. 6275

or No. _____ Capacity _____ Location _____
 No. _____ Elevation _____ Well Temperature _____
 Pressure _____ Time Given _____ Time Computed _____
 tial Hydrostatic Mud _____ P.S.I. Open Tool _____ M _____
 st Initial Flow Pressure _____ P.S.I. First Flow Pressure _____ Mins. _____
 st Final Flow Pressure _____ P.S.I. Initial Closed-in Pressure _____ Mins. _____
 tial Closed-in Pressure _____ P.S.I. Second Flow Pressure _____ Mins. _____
 ond Initial Flow Pressure _____ P.S.I. Final Closed-in Pressure _____ Mins. _____
 ond Final Flow Pressure _____ P.S.I. _____
 nal Closed-in Pressure _____ P.S.I. _____
 nal Hydrostatic Mud _____ P.S.I. _____

PRESSURE BREAKDOWN

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		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> M	
Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes
	63				63		208
	66				66		220
	69				69		228
	72				72		234
	75				75		240
	78				78		250
	81				81		260
	84				84		270
	87				87		280
	90				90		291
	93				93		303
	96				96		313
	99				99		324
	102				102		336
	105				105		350
	108				108		362
	111				111		372
	114				114		385
	117				117'		400
	120				120		412
					123		426

Company K.R.M. Petroleum Corporation Lease & Well No. Bayler #1
Elevation -- Formation Kansas City Effective Pay ---- Ft. Ticket No. 6275
Date 7/11/80 Sec. 11 Twp. 34S Range 20W County Comanche State Kansas
Test Approved by Jim Bird Western Representative Roger Lisenby

Formation Test No. 1 Interval Tested from 4717 ft. to 4769 ft. Total Depth 4769 ft.
Packer Depth 4712 ft. Size 6 3/4 in. Packer Depth 4717 ft. Size 6 3/4 in.
Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4725 ft. Recorder Number 10207 Cap. 5400
Bottom Recorder Depth (Outside) 4728 ft. Recorder Number 969 Cap. 4200
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Xplor Drilling Rig #1 Drill Collar Length 240 I. D. 2 1/4 in.
Mud Type chemical Viscosity 45 Weight Pipe Length - I. D. - in.
Weight 9.0 Water Loss 7.8 cc. Drill Pipe Length 4448 I. D. 2.7 in.
Chlorides 12,500 P.P.M. Test Tool Length 30 ft. Tool Size 4 3/4 in.
Jars: Make WTC Serial Number 414 Anchor Length 52 ft. Size 5 1/2 + 4 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 4"FH in.

Blow: Increasing blow to bottom of bucket in three minutes. Bled off through two inches de-
creasing to five inches in bucket on initial opening. Weak blow on final opening.

Recovered 640 ft. of gas in pipe
Recovered 75 ft. of mud with oil spots
Recovered 5 ft. of slightly oil cut mud
Recovered ft. of
Recovered ft. of

Remarks: READ OUTSIDE CHART # 969

Time Set Packer(s) 1:06 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 5:38 ~~P.M.~~ ^{A.M.} Maximum Temperature 128°
Initial Hydrostatic Pressure (A) 2287 P.S.I.
Initial Flow Period Minutes 30 (B) 75 P.S.I. to (C) 59 P.S.I.
Initial Closed In Period Minutes 60 (D) 295 P.S.I.
Final Flow Period Minutes 60 (E) 83 P.S.I. to (F) 71 P.S.I.
Final Closed In Period Minutes 123 (G) 426 P.S.I.
Final Hydrostatic Pressure (H) 2281 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 7-11-80

Test Ticket No. 6275

Recorder No. 969

Capacity 4200

Location 4728 Ft.

Clock No. -- Elevation --

Well Temperature 128 °F

Point	Pressure	
A Initial Hydrostatic Mud	<u>2287</u>	P.S.I.
B First Initial Flow Pressure	<u>75</u>	P.S.I.
C First Final Flow Pressure	<u>59</u>	P.S.I.
D Initial Closed-in Pressure	<u>295</u>	P.S.I.
E Second Initial Flow Pressure	<u>83</u>	P.S.I.
F Second Final Flow Pressure	<u>71</u>	P.S.I.
G Final Closed-in Pressure	<u>426</u>	P.S.I.
H Final Hydrostatic Mud	<u>2281</u>	P.S.I.

Open Tool

First Flow Pressure

Initial Closed-in Pressure

Second Flow Pressure

Final Closed-in Pressure

Time Given	Time Computed
<u>1:06</u> A.	<u>M</u>
<u>30</u> Mins.	<u>30</u> Mins.
<u>60</u> Mins.	<u>60</u> Mins.
<u>60</u> Mins.	<u>60</u> Mins.
<u>120</u> Mins.	<u>123</u> Mins.

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: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 41 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>75</u>	<u>0</u>	<u>59</u>	<u>0</u>	<u>83</u>	<u>0</u>	<u>71</u>
P 2 <u>5</u>	<u>65</u>	<u>3</u>	<u>69</u>	<u>5</u>	<u>77</u>	<u>3</u>	<u>71</u>
P 3 <u>10</u>	<u>59</u>	<u>6</u>	<u>79</u>	<u>10</u>	<u>73</u>	<u>6</u>	<u>79</u>
P 4 <u>15</u>	<u>59</u>	<u>9</u>	<u>90</u>	<u>15</u>	<u>71</u>	<u>9</u>	<u>86</u>
P 5 <u>20</u>	<u>59</u>	<u>12</u>	<u>100</u>	<u>20</u>	<u>71</u>	<u>12</u>	<u>92</u>
P 6 <u>25</u>	<u>59</u>	<u>15</u>	<u>115</u>	<u>25</u>	<u>71</u>	<u>15</u>	<u>100</u>
P 7 <u>30</u>	<u>59</u>	<u>18</u>	<u>125</u>	<u>30</u>	<u>71</u>	<u>18</u>	<u>106</u>
P 8		<u>21</u>	<u>135</u>	<u>35</u>	<u>71</u>	<u>21</u>	<u>112</u>
P 9		<u>24</u>	<u>147</u>	<u>40</u>	<u>71</u>	<u>24</u>	<u>119</u>
P10		<u>27</u>	<u>160</u>	<u>45</u>	<u>71</u>	<u>27</u>	<u>125</u>
P11		<u>30</u>	<u>171</u>	<u>50</u>	<u>71</u>	<u>30</u>	<u>131</u>
P12		<u>33</u>	<u>182</u>	<u>55</u>	<u>71</u>	<u>33</u>	<u>139</u>
P13		<u>36</u>	<u>195</u>	<u>60</u>	<u>71</u>	<u>36</u>	<u>143</u>
P14		<u>39</u>	<u>209</u>			<u>39</u>	<u>149</u>
P15		<u>42</u>	<u>221</u>			<u>42</u>	<u>156</u>
P16		<u>45</u>	<u>236</u>			<u>45</u>	<u>164</u>
P17		<u>48</u>	<u>250</u>			<u>48</u>	<u>170</u>
P18		<u>51</u>	<u>262</u>			<u>51</u>	<u>178</u>
P19		<u>54</u>	<u>275</u>			<u>54</u>	<u>186</u>
P20		<u>57</u>	<u>285</u>			<u>57</u>	<u>194</u>
		<u>60</u>	<u>295</u>			<u>60</u>	<u>200</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 7-11-80

Test Ticket No. 6275

Recorder No. 969

Capacity 4200

Location 4728 Ft.

Clock No. -- Elevation --

Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2287</u> P.S.I.	Open Tool	<u>1:06</u> A. M.	
B First Initial Flow Pressure	<u>75</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>59</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>295</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>83</u> P.S.I.	Final Closed-in Pressure	<u>120</u> Mins.	<u>123</u> Mins.
F Second Final Flow Pressure	<u>71</u> P.S.I.			
G Final Closed-in Pressure	<u>426</u> P.S.I.			
H Final Hydrostatic Mud	<u>2281</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.

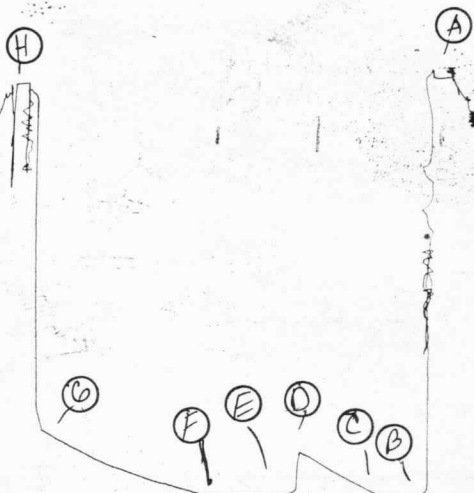
Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 41 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	208
P 2						66	220
P 3						69	228
P 4						72	234
P 5						75	240
P 6						78	250
P 7						81	260
P 8						84	270
P 9						87	280
P10						90	291
P11						93	303
P12						96	313
P13						99	324
P14						102	336
P15						105	350
P16						108	362
P17						111	372
P18						114	385
P19						117	400
P20						120	412
						123	426

696

TKt # 6275
0





WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO 5445

P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201Elevation _____ Formation MARMATON Eff. Pay _____ Ft.District Pratt Date 7-12-80 Customer Order No. _____COMPANY NAME K.R.M. Petroleum
ADDRESS 817 17TH ST DENVER COLO. 80202 820 Guaranty Bank Bldg.LEASE AND WELL NO Beyler #1 COUNTY COMANCHE STATE KS Sec. 11 Twp. 34 Rge. 20WMail Invoice To SAME No. Copies Requested RCG
Co. Name _____ Address _____Mail Charts To SAME No. Copies Requested RCG
Address _____Formation Test No. 2 Interval Tested from 4982 ft. to 5023 ft. Total Depth 5023 ft.Packer Depth 4977 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.Packer Depth 4982 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4985 ft.Recorder Number 11018 Cap. 4425Bottom Recorder Depth (Outside) 4988 ft.Recorder Number 11019 Cap. 4500

Below Straddle Recorder Depth _____ ft.

Recorder Number _____ Cap. _____

Drilling Contractor XPLORR #1Drill Collar Length 300 ft I. D. 2 1/4 in.Mud Type MONPAC Viscosity 50

Weight Pipe Length _____ I. D. _____ in.

Weight 9.0 Water Loss 12.8 cc.Drill Pipe Length 4656 ft I. D. 3 1/2 in.Chlorides 14,000 P.P.M.Test Tool Length 26 ft. Tool Size 3 1/2 in.Jars: Make W.T.C. Serial Number 3660Anchor Length 41 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 slow OFF BOTTOM OF BUCKET. initial flow periodFlow period weight slow INCREASE TO GOOD blowRecovered 180 ft. of Gas in PipeRecovered 30 ft. of Slightly O.I. CUT MUDRecovered 120 ft. of Gassy Muddy WaterRecovered 480 ft. of Gassy SALT WATERCHLORIDES - 122,000

Recovered _____ ft. of _____

Remarks: _____

ON LOC - 7:30 PICKUP TOOL 10:30 OFF LOC -Time Set Packer(s) 12:45 AM P.M. Time Started Off Bottom 5:15 AM P.M. Maximum Temperature 138°Initial Hydrostatic Pressure _____ (A) 2444 P.S.I.Initial Flow Period _____ Minutes 30 (B) 88 P.S.I. to (C) 177 P.S.I.Initial Closed In Period _____ Minutes 60 (D) 1889 P.S.I.Final Flow Period _____ Minutes 60 (E) 233 P.S.I. to (F) 322 P.S.I.Final Closed In Period _____ Minutes 120 (G) 1878 P.S.I.Final Hydrostatic Pressure _____ (H) 2388 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 _____
Signature of Customer or his authorized representativeWestern Representative Stuart Stover

FIELD INVOICE

Open Hole Test	\$ <u>600.00</u>
Mud	\$ _____
Straddle Test	\$ _____
Jars	\$ <u>300.00</u>
Selective Zone	\$ _____
Safety Joint	\$ <u>50.00</u>
Standby	\$ _____
Evaluation	\$ _____
Extra Packer	\$ _____
Circ. Sub.	\$ _____
Mileage	\$ _____
Fluid Sampler	\$ _____
Extra Charts	\$ <u>65.00</u>
TOTAL	\$ <u>950.00</u>

1015.00

Pressure Data

Date 7-12-80 Test Ticket No. 5445
 Recorder No. 11018 Capacity 4425 Location 4985 Ft.
 Clock No. _____ Elevation _____ Well Temperature 138 °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 2464 P.S.I. Open Tool 12:45 P.M.
 B First Initial Flow Pressure 98 P.S.I. First Flow Pressure 30 Mins. 30 Mins.
 C First Final Flow Pressure 187 P.S.I. Initial Closed-in Pressure 60 Mins. 60 Mins.
 D Initial Closed-in Pressure 1905 P.S.I. Second Flow Pressure 60 Mins. 60 Mins.
 E Second Initial Flow Pressure 256 P.S.I. Final Closed-in Pressure 120 Mins. 135 Mins.
 F Second Final Flow Pressure 341 P.S.I.
 G Final Closed-in Pressure 1887 P.S.I.
 H Final Hydrostatic Mud 2396 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>45</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	<u>98</u>	0	<u>187</u>	0	<u>256</u>	0	<u>341</u>
P 2 5	<u>106</u>	3	<u>942</u>	5	<u>247</u>	3	<u>386</u>
P 3 10	<u>111</u>	6	<u>1410</u>	10	<u>247</u>	6	<u>898</u>
P 4 15	<u>139</u>	9	<u>1670</u>	15	<u>260</u>	9	<u>1317</u>
P 5 20	<u>161</u>	12	<u>1681</u>	20	<u>269</u>	12	<u>1518</u>
P 6 25	<u>178</u>	15	<u>1729</u>	25	<u>278</u>	15	<u>1606</u>
P 7 30	<u>187</u>	18	<u>1762</u>	30	<u>287</u>	18	<u>1659</u>
P 8 35		21	<u>1788</u>	35	<u>298</u>	21	<u>1687</u>
P 9 40		24	<u>1808</u>	40	<u>307</u>	24	<u>1714</u>
P10 45		27	<u>1826</u>	45	<u>317</u>	27	<u>1736</u>
P11 50		30	<u>1840</u>	50	<u>328</u>	30	<u>1755</u>
P12 55		33	<u>1850</u>	55	<u>336</u>	33	<u>1771</u>
P13 60		36	<u>1860</u>	60	<u>341</u>	36	<u>1784</u>
P14		39	<u>1868</u>	65		39	<u>1795</u>
P15		42	<u>1874</u>	70		42	<u>1804</u>
P16		45	<u>1881</u>	75		45	<u>1811</u>
P17		48	<u>1885</u>	80		48	<u>1818</u>
P18		51	<u>1892</u>	85		51	<u>1826</u>
P19		54	<u>1897</u>	90		54	<u>1828</u>
P20		57	<u>1901</u>			57	<u>1833</u>
		60	<u>1905</u>			60	<u>1836</u>

		Location _____	
		Capacity _____	
Elevation _____		Well Temperature _____	
		Time Given _____	Time Computed _____
Pressure _____		M _____	
Hydrostatic Mud _____	P.S.I. _____	Open Tool _____	Mins. _____ M _____
Initial Flow Pressure _____	P.S.I. _____	First Flow Pressure _____	Mins. _____ M _____
Final Flow Pressure _____	P.S.I. _____	Initial Closed-in Pressure _____	Mins. _____ M _____
Closed-in Pressure _____	P.S.I. _____	Second Flow Pressure _____	Mins. _____ M _____
Initial Flow Pressure _____	P.S.I. _____	Final Closed-in Pressure _____	
Final Flow Pressure _____	P.S.I. _____		
Closed-in Pressure _____	P.S.I. _____		
Hydrostatic Mud _____	P.S.I. _____		

PRESSURE BREAKDOWN

Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
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.	
Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
<u>63</u>		<u>123</u>	<u>1883</u>	<u>63</u>	<u>1840</u>
<u>66</u>		<u>126</u>	<u>1884</u>	<u>66</u>	<u>1844</u>
<u>69</u>		<u>129</u>	<u>1885</u>	<u>69</u>	<u>1848</u>
<u>72</u>		<u>132</u>	<u>1886</u>	<u>72</u>	<u>1852</u>
<u>75</u>		<u>135</u>	<u>1887</u>	<u>75</u>	<u>1855</u>
<u>78</u>				<u>78</u>	<u>1858</u>
<u>81</u>				<u>81</u>	<u>1861</u>
<u>84</u>				<u>84</u>	<u>1864</u>
<u>87</u>				<u>87</u>	<u>1866</u>
<u>90</u>				<u>90</u>	<u>1868</u>
<u>93</u>				<u>93</u>	<u>1870</u>
<u>96</u>				<u>96</u>	<u>1872</u>
<u>99</u>				<u>99</u>	<u>1874</u>
<u>102</u>				<u>102</u>	<u>1876</u>
<u>105</u>				<u>105</u>	<u>1877</u>
<u>108</u>				<u>108</u>	<u>1878</u>
<u>111</u>				<u>111</u>	<u>1879</u>
<u>114</u>				<u>114</u>	<u>1880</u>
<u>117</u>				<u>117</u>	<u>1881</u>
<u>120</u>				<u>120</u>	<u>1882</u>

Company K. R. M. Petroleum Corporation Lease & Well No. Beyler #1
Elevation ----- Formation Marmaton Effective Pay ----- Ft. Ticket No. 5445
Date 7/12/80 Sec. 11 Twp. 34S Range 20W County Comanche State Kansas
Test Approved by Jim E. Bird Western Representative Stuart Stover

Formation Test No. 2 Interval Tested from 4982 ft. to 5023 ft. Total Depth 5023 ft.

Packer Depth 4977 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4982 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4985 ft. Recorder Number 11018 Cap. 4425

Bottom Recorder Depth (Outside) 4088 ft. Recorder Number 11019 Cap. 4500

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

Drilling Contractor Xplor Drilling Rig #1 Drill Collar Length 300 I. D. 2 1/4 in.

Mud Type monpac Viscosity 50 Weight Pipe Length - I. D. - in.

Weight 9.0 Water Loss 12.8 cc. Drill Pipe Length 4656 I. D. 3 1/2 in.

Chlorides 14,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 in.

Jars: Make WTC Serial Number 3660 Anchor Length 41 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: Initial flow period, good blow- off bottom of bucket.

Final flow period weak and slow increase to good blow.

Recovered 180 ft. of gas in pipe

Recovered 30 ft. of slightly oil cut mud

Recovered 120 ft. of gassy muddy water

Recovered 480 ft. of gassy salt water Chlorides 122,000 ppm

Recovered ft. of

Remarks:

Time Set Packer(s) 12:45 ~~AM~~ P.M. Time Started Off Bottom 5:15 ~~AM~~ P.M. Maximum Temperature 138°

Initial Hydrostatic Pressure 2464 (A) P.S.I.

Initial Flow Period 30 Minutes (B) 98 P.S.I. to (C) 187 P.S.I.

Initial Closed In Period 60 Minutes (D) 1905 P.S.I.

Final Flow Period 60 Minutes (E) 256 P.S.I. to (F) 341 P.S.I.

Final Closed In Period 135 Minutes (G) 1887 P.S.I.

Final Hydrostatic Pressure 2396 (H) P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 7-12-80 Test Ticket No. 5445
 Recorder No. 11018 Capacity 4425 Location 4985 Ft.
 Casing No. -- Elevation -- Well Temperature 138 °F

Point	Pressure			Time Given		Time Computed	
Initial Hydrostatic Mud	2464	P.S.I.	Open Tool	12:45	P. M.		
First Initial Flow Pressure	98	P.S.I.	First Flow Pressure	30	Mins.	30	Mins.
First Final Flow Pressure	187	P.S.I.	Initial Closed-in Pressure	60	Mins.	60	Mins.
Initial Closed-in Pressure	1905	P.S.I.	Second Flow Pressure	60	Mins.	60	Mins.
Second Initial Flow Pressure	256	P.S.I.	Final Closed-in Pressure	120	Mins.	135	Mins.
Second Final Flow Pressure	341	P.S.I.					
Final Closed-in Pressure	1887	P.S.I.					
Final Hydrostatic Mud	2396	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>45</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	ins.	Press.		Point	Minutes	Press.		Point	Minutes	Press.		Point	Minutes	Press.	
1	0	98			0	187			0	256			0	341	
2	5	106			3	942			5	247			3	386	
3	10	111			6	1410			10	247			6	898	
4	15	139			9	1670			15	260			9	1317	
5	20	161			12	1681			20	269			12	1518	
6	25	178			15	1729			25	278			15	1606	
7	30	187			18	1762			30	287			18	1659	
8					21	1788			35	298			21	1687	
9					24	1808			40	307			24	1714	
0					27	1826			45	317			27	1736	
1					30	1840			50	328			30	1755	
2					33	1850			55	336			33	1771	
3					36	1860			60	341			36	1784	
4					39	1868							39	1795	
5					42	1874							42	1804	
6					45	1881							45	1811	
7					48	1885							48	1818	
8					51	1892							51	1826	
9					54	1897							54	1828	
0					57	1901							57	1833	
					60	1905							60	1836	

WESTERN TESTING CO., INC.
Pressure Data

Date 7-12-80 Test Ticket No. 5445
 Recorder No. 11018 Capacity 4425 Location 4985 Ft.
 Clock No. -- Elevation -- Well Temperature 138 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2464</u> P.S.I.	Open Tool	<u>12:45</u> P. M.	
B First Initial Flow Pressure	<u>98</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>187</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1905</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>256</u> P.S.I.	Final Closed-in Pressure	<u>120</u> Mins.	<u>135</u> Mins.
F Second Final Flow Pressure	<u>341</u> P.S.I.			
G Final Closed-in Pressure	<u>1887</u> P.S.I.			
H Final Hydrostatic Mud	<u>2396</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>20</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>45</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						63	1840
P 2						66	1844
P 3						69	1848
P 4						72	1852
P 5						75	1855
P 6						78	1858
P 7						81	1861
P 8						84	1864
P 9						87	1866
P10						90	1868
P11						93	1870
P12						96	1872
P13						99	1874
P14						102	1876
P15						105	1877
P16						108	1878
P17						111	1879
P18						114	1880
P19						117	1881
P20						120	1882

WESTERN TESTING CO., INC.

Pressure Data

Page 3

Date 7-12-80 Test Ticket No. 5445
 Recorder No. 11018 Capacity 4425 Location 4985 Ft.
 Clock No. -- Elevation - Well Temperature 138 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2464	P.S.I.	12:45 P. M.	
B First Initial Flow Pressure	98	P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	187	P.S.I.	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1905	P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	256	P.S.I.	120 Mins.	135 Mins.
F Second Final Flow Pressure	341	P.S.I.		
G Final Closed-in Pressure	1887	P.S.I.		
H Final Hydrostatic Mud	2396	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>45</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						123	1883
P 2						126	1884
P 3						129	1885
P 4						132	1886
P 5						135	1887
P 6							
P 7							
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

11018-5485
D52-#2
#5445-
I

11018-5485
D52-#2

H

G

A

D

F

E

C

B



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No. 6406

P. O. BOX 1599
WICHITA, KANSAS 67201

PHONE (316) 838-0601

Elevation

1777 K.B. Bushong

Formation

Mississippi

Eff. Pay — Ft.

District

St. Benedict

Date

7-13-80

Customer Order No.

COMPANY NAME

ADDRESS

LEASE AND WELL NO.

Mail Invoice To

Mail Charts To

Co. Name

Address

No. Copies Requested

No. Copies Requested

Formation Test No.

Packer Depth

Packer Depth

Depth of Selective Zone Set

Top Recorder Depth (Inside)

Bottom Recorder Depth (Outside)

Below Straddle Recorder Depth

Drilling Contractor

Mud Type

Weight

Chlorides

Jars: Make

Did Well Flow?

Blow:

Interval Tested from

ft.

ft.

Size

5158 ft.

5162 ft.

ft.

Xplor #1

Viscosity 43

Water Loss 16.0 cc.

P.P.M.

Serial Number

Reversed Out

ft. to

Packer Depth

Packer Depth

ft.

Recorder Number

Recorder Number

Recorder Number

Drill Collar Length

Weight Pipe Length

Drill Pipe Length

Test Tool Length

Anchor Length

Surface Choke Size

Main Hole Size

ft.

ft.

ft.

ft.

6234

4339

Cap.

270

I. D.

4837

30 ft.

63 ft.

12 in.

778 in.

ft.

ft.

ft.

ft.

Cap.

Cap.

Cap.

I. D. 2.2 in.

I. D. in.

I. D. 3.8 in.

Tool Size 4 1/2 in.

Size 5 1/2 in.

Bottom Choke Size 1 1/2 in.

Tool Joint Size 4" F in.

Recovered 52 ft. of

Recovered 8 ft. of

Recovered 550 ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Arrived - 1:30 P.M. 7-13-80

Left - 2:45 A.M. 7-14-80

Time Set Packer(s)

Initial Hydrostatic Pressure

Initial Flow Period

Initial Closed In Period

Final Flow Period

Final Closed In Period

Final Hydrostatic Pressure

Time Started Off Bottom

(A)

Minutes

Minutes

Minutes

Minutes

Minutes

(B)

(C)

(D)

(E)

(F)

(G)

(H)

Maximum Temperature

P.S.I.

P.S.I. to (C)

P.S.I.

P.S.I. to (F)

P.S.I.

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

Signature of Customer or his authorized representative

Western Representative

FIELD INVOICE

Open Hole Test

Misrun

Straddle Test

Jars

Selective Zone

Safety Joint

Standby

Evaluation

Extra Packer

Circ. Sub.

Mileage

Fluid Sampler

Extra Charts at 5.00

TOTAL

1650.00

\$

\$

1300.00

\$

50.00

\$

\$

\$

\$

\$

\$

\$

\$

\$

\$

WESTERN TESTING CO., INC.

Pressure Data

Date 7-13-80 Test Ticket No. 6406
 Recorder No. 6234 Capacity 4500 Location 5158 Ft.
 Clock No. _____ Elevation 1777 Well Temperature 135 °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2434</u> P.S.I.		<u>5:30</u> P	M
B First Initial Flow Pressure	<u>50</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>55</u> Mins.
C First Final Flow Pressure	<u>46</u> P.S.I.	Initial Closed-in Pressure	<u>120</u> Mins.	<u>117</u> Mins.
D Initial Closed-in Pressure	<u>583</u> P.S.I.	Second Flow Pressure	_____ Mins.	_____ Mins.
E Second Initial Flow Pressure	_____ P.S.I.	Final Closed-in Pressure	_____ Mins.	_____ Mins.
F Second Final Flow Pressure	_____ P.S.I.			
G Final Closed-in Pressure	_____ P.S.I.			
H Final Hydrostatic Mud	<u>2416</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>11</u> Inc.		Breakdown: <u>39</u> Inc.		Breakdown: _____ Inc.		Breakdown: _____ 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>46</u>	<u>0</u>		<u>0</u>	
P 2	<u>5</u>	<u>3</u>	<u>92</u>	<u>5</u>		<u>3</u>	
P 3	<u>10</u>	<u>6</u>	<u>141</u>	<u>10</u>		<u>6</u>	
P 4	<u>15</u>	<u>9</u>	<u>179</u>	<u>15</u>		<u>9</u>	
P 5	<u>20</u>	<u>12</u>	<u>213</u>	<u>20</u>		<u>12</u>	
P 6	<u>25</u>	<u>15</u>	<u>239</u>	<u>25</u>		<u>15</u>	
P 7	<u>30</u>	<u>18</u>	<u>271</u>	<u>30</u>		<u>18</u>	
P 8	<u>35</u>	<u>21</u>	<u>291</u>	<u>35</u>		<u>21</u>	
P 9	<u>40</u>	<u>24</u>	<u>318</u>	<u>40</u>		<u>24</u>	
P10	<u>45</u>	<u>27</u>	<u>314</u>	<u>45</u>		<u>27</u>	
P11	<u>50</u>	<u>30</u>	<u>360</u>	<u>50</u>		<u>30</u>	
P12	<u>55</u>	<u>33</u>	<u>417</u>	<u>55</u>		<u>33</u>	
P13	<u>60</u>	<u>36</u>	<u>401</u>	<u>60</u>		<u>36</u>	
P14		<u>39</u>	<u>420</u>	<u>65</u>		<u>39</u>	
P15		<u>42</u>	<u>440</u>	<u>70</u>		<u>42</u>	
P16		<u>45</u>	<u>459</u>	<u>75</u>		<u>45</u>	
P17		<u>48</u>	<u>479</u>	<u>80</u>		<u>48</u>	
P18		<u>51</u>	<u>491</u>	<u>85</u>		<u>51</u>	
P19		<u>54</u>	<u>495</u>	<u>90</u>		<u>54</u>	
P20		<u>57</u>	<u>502</u>			<u>57</u>	
		<u>60</u>	<u>507</u>			<u>60</u>	

Test Ticket No. 0900

Location _____

Capacity _____

Well Temperature _____

Elevation _____

Time
GivenTime
Computed

Pressure

M

Hydrostatic Mud _____ P.S.I.

Initial Flow Pressure _____ P.S.I.

Initial Closed-in Pressure _____ P.S.I.

Second Flow Pressure _____ P.S.I.

Final Closed-in Pressure _____ P.S.I.

Initial Flow Pressure _____ P.S.I.

Final Flow Pressure _____ P.S.I.

Closed-in Pressure _____ P.S.I.

Hydrostatic Mud _____ P.S.I.

Open Tool

First Flow Pressure

Initial Closed-in Pressure

Second Flow Pressure

Final Closed-in Pressure

Mins

M

Mins

M

Mins

M

Mins

M

PRESSURE BREAKDOWN

Final Shut-In

Breakdown: _____ Inc

of 3 mins. and afinal inc. of 0 Min.

First Flow Pressure

Breakdown: _____ Inc

of 5 mins. and afinal inc. of 0 Min.

Initial Shut-In

Breakdown: _____ Inc

of 3 mins. and afinal inc. of 0 Min.

Second Flow Pressure

Breakdown: _____ Inc

of 5 mins. and afinal inc. of 0 Min.

Press.

Point
Minutes

Press.

Point
Minutes

Press.

Point
Minutes

Press.

63

66

69

72

75

78

81

84

87

90

93

96

99

102

105

108

111

114

117

120

63

66

69

72

75

78

81

84

87

90

93

96

99

102

105

108

111

114

117

120

511

516

521

527

532

536

541

545

550

552

554

557

562

566

570

573

577

580

583

Company K. R. M. Petroleum Corporation Lease & Well No. Beyler #1
Elevation 1777 Kelly Bushing Formation Mississippi Effective Pay ----- Ft. Ticket No. 6406
Date 7/13/80 Sec. 11 Twp. 34S Range 20W County Comanche State Kansas
Test Approved by Jim Bird Western Representative Dan Delaney

Formation Test No. 3 Interval Tested from 5137 ft. to 5200 ft. Total Depth 5200 ft.

Packer Depth 5137 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 5132 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 5158 ft. Recorder Number 6234 Cap. 4500

Bottom Recorder Depth (Outside) 5162 ft. Recorder Number 4339 Cap. 4300

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

Drilling Contractor Xplor Drilling Rig #1 Drill Collar Length 270 I. D. 2.2 in.

Mud Type Monpac Viscosity 43 Weight Pipe Length - I. D. - in.

Weight 9.0 Water Loss 16.0 cc. Drill Pipe Length 4837 I. D. 3.8 in.

Chlorides 17,000 P.P.M. Test Tool Length 30 ft. Tool Size 4 1/2 in.

Jars: Make WTC Serial Number 402 Anchor Length 63 ft. Size 5 1/2 in.

Did Well Flow? NO Reversed Out No Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4" in.

Blow: Initial flow weak blow building to strong blow in three minutes.

Recovered 52 ft. of drilling mud

Recovered 8 ft. of muddy water

Recovered 550 ft. of gas in pipe

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 5:20 ~~A.M.~~ P.M. Time Started Off Bottom 8:20 ~~A.M.~~ P.M. Maximum Temperature 135°

Initial Hydrostatic Pressure (A) 2434 P.S.I.

Initial Flow Period Minutes 55 (B) 50 P.S.I. to (C) 46 P.S.I.

Initial Closed In Period Minutes 117 (D) 583 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) 2416 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 7-13-80 Test Ticket No. 6406
 Recorder No. 6234 Capacity 4500 Location 5158 Ft.
 Clock No. -- Elevation 1777 Kelly Bushing Well Temperature 135 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2434	P.S.I.	5:20 P.M.	
B First Initial Flow Pressure	50	P.S.I.	60	55
C First Final Flow Pressure	46	P.S.I.	120	117
D Initial Closed-in Pressure	583	P.S.I.	--	--
E Second Initial Flow Pressure	--	P.S.I.	--	--
F Second Final Flow Pressure	--	P.S.I.	--	--
G Final Closed-in Pressure	--	P.S.I.	--	--
H Final Hydrostatic Mud	2416	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>11</u> Inc.		Breakdown: <u>39</u> Inc.		Breakdown: <u>--</u> Inc.		Breakdown: <u>--</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	0	46				
P 2	5	3	92				
P 3	10	6	141				
P 4	15	9	179				
P 5	20	12	213				
P 6	25	15	239				
P 7	30	18	271				
P 8	35	21	291				
P 9	40	24	318				
P10	45	27	314				
P11	50	30	360				
P12	55	33	417				
P13		36	401				
P14		39	420				
P15		42	440				
P16		45	459				
P17		48	479				
P18		51	491				
P19		54	495				
P20		57	502				
		60	507				

WESTERN TESTING CO., INC.

Pressure Data

Date 7-13-80 Test Ticket No. 6406
 Recorder No. 6234 Capacity 4500 Location 5158 Ft.
 Clock No. -- Elevation 1777 Kelly Bushing Well Temperature 135 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2434 P.S.I.	Open Tool	5:20 P. M.	
B First Initial Flow Pressure	50 P.S.I.	First Flow Pressure	60 Mins.	55 Mins.
C First Final Flow Pressure	46 P.S.I.	Initial Closed-in Pressure	120 Mins.	117 Mins.
D Initial Closed-in Pressure	583 P.S.I.	Second Flow Pressure	-- Mins.	-- Mins.
E Second Initial Flow Pressure	-- P.S.I.	Final Closed-in Pressure	-- Mins.	-- Mins.
F Second Final Flow Pressure	-- P.S.I.			
G Final Closed-in Pressure	-- P.S.I.			
H Final Hydrostatic Mud	2416 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>11</u> Inc.		Breakdown: <u>39</u> Inc.		Breakdown: <u>--</u> Inc.		Breakdown: <u>--</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		63	511				
P 2		66	516				
P 3		69	521				
P 4		72	527				
P 5		75	532				
P 6		78	536				
P 7		81	541				
P 8		84	545				
P 9		87	550				
P10		90	552				
P11		93	554				
P12		96	557				
P13		99	562				
P14		102	566				
P15		105	570				
P16		108	573				
P17		111	577				
P18		114	580				
P19		117	583				
P20							

6234

TK+6406
I

