



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No 16362

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1651 KB. Formation Massey Eff. Pay Ft.

District Pratt Date 7-29-82 Customer Order No.

COMPANY NAME W.L. Kirkman, Inc.

ADDRESS P.O. Box 18611 453 S. Webb Rd. Wichita, Ks. 67207

LEASE AND WELL NO. DeWitt #1 COUNTY Barber STATE KS. Sec. 18 Twp. 31s Rge. 13w

Mail Invoice To Same #1 DEWITT P.O. Box 18611 Wichita, KS. No. Copies Requested 5

Mail Charts To Same Co. Name Address P.O. Box 18611 Wichita, KS. No. Copies Requested 5

Formation Test No. 1 Interval Tested From 1196 ft. to 4245 ft. Total Depth 4245 ft.

Packer Depth 4191 ft. Size 65/8 in. Packer Depth ft. Size in.

Packer Depth 4196 ft. Size 65/8 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4199 ft. Recorder Number 1051 Cap. 4250

Bottom Recorder Depth (Outside) 4202 ft. Recorder Number 15640 Cap. 6600

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Aldebaran #3 Drill Collar Length 464 I. D. 2.26 in.

Mud Type Chem-Ori spac Viscosity 44 Weight Pipe Length I. D. in.

Weight 9.2 Water Loss 24.0 cc. Drill Pipe Length 3761 I. D. 3.0 in.

Chlorides 10,000 P.P.M. Test Tool Length 22 ft. Tool Size 5/20.0 in.

Jars: Make Serial Number Anchor Length 3100/18' Pcs (49) Size 5/20.0 in.

Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 77/8 in. Tool Joint Size 4" F-Hole in.

Blow: IFP - Packer failure - reset & held - WEAK building to Strong

FFP - Weak building to Strong - G.T.S. on SHOT IN.

Recovered 3460 ft. of GAS in Pipe

Recovered 40 ft. of Slightly GAS cut mud

Recovered 410 ft. of mud cut Gassy oil 33% mud 51% oil 16% GAS

Recovered 410 ft. of Froggy oil 47% mud 45% oil 8% GAS

Recovered ft. of

Remarks:

Time On Location 7:30 A.M. Time Pick Up Tool 10:20 P.M.

Time Set Packer(s) 12:25 A.M. Time Started Off Bottom 6:25 P.M. Maximum Temperature 119 °F

Initial Hydrostatic Pressure (A) 2027 P.S.I.

Initial Flow Period Minutes 60 (B) 204 P.S.I. to (C) 193 P.S.I.

Initial Closed In Period Minutes 120 (D) 1281 P.S.I.

Final Flow Period Minutes 60 (E) 301 P.S.I. to (F) 236 P.S.I.

Final Closed In Period Minutes 120 (G) 1186 P.S.I.

Final Hydrostatic Pressure (H) 2048 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 \$ 675.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$ 65.00
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$
TOTAL \$ 740.00

WESTERN TESTING CO., INC.

Pressure Data

Date 7-29 Test Ticket No. 16362
 Recorder No. 1051 Capacity 4250 Location 4199 Ft.
 Clock No. --- Elevation 1651 KB Well Temperature 119 °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2032</u> P.S.I.		<u>12:25</u> A.M.	
B First Initial Flow Pressure	<u>193</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>211</u> P.S.I.	Initial Closed-in Pressure	<u>120</u> Mins.	<u>123</u> Mins.
D Initial Closed-in Pressure	<u>1294</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>249</u> P.S.I.	Final Closed-in Pressure	<u>120</u> Mins.	<u>126</u> Mins.
F Second Final Flow Pressure	<u>249</u> P.S.I.			
G Final Closed-in Pressure	<u>1202</u> P.S.I.			
H Final Hydrostatic Mud	<u>2032</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>41</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>42</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 0	<u>193</u>	0	<u>211</u>	0	<u>249</u>	0	<u>249</u>
P 2 5		3	<u>314</u>	5		3	<u>252</u>
P 3 10		6	<u>450</u>	10		6	<u>288</u>
P 4 15		9	<u>574</u>	15		9	<u>353</u>
P 5 20		12	<u>704</u>	20		12	<u>485</u>
P 6 25		15	<u>840</u>	25		15	<u>570</u>
P 7 30	<u>193</u>	18	<u>932</u>	30		18	<u>710</u>
P 8 35	<u>195</u>	21	<u>1011</u>	35		21	<u>827</u>
P 9 40	<u>198</u>	24	<u>1054</u>	40		24	<u>930</u>
P10 45	<u>201</u>	27	<u>1089</u>	45		27	<u>1000</u>
P11 50	<u>206</u>	30	<u>1107</u>	50		30	<u>1049</u>
P12 55	<u>208</u>	33	<u>1125</u>	55		33	<u>1086</u>
P13 60	<u>211</u>	36	<u>1142</u>	60	<u>249</u>	36	<u>1106</u>
P14		39	<u>1158</u>	65		39	<u>1129</u>
P15		42	<u>1167</u>	70		42	<u>1142</u>
P16		45	<u>1173</u>	75		45	<u>1152</u>
P17		48	<u>1178</u>	80		48	<u>1162</u>
P18		51	<u>1181</u>	85		51	<u>1169</u>
P19		54	<u>1183</u>	90		54	<u>1174</u>
P20		57	<u>1185</u>			57	<u>1177</u>
		60	<u>1187</u>			60	<u>1180</u>

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 16362

Recorder No. _____ Capacity _____ Location _____

Clock No. _____ Elevation _____ Well Temperature _____

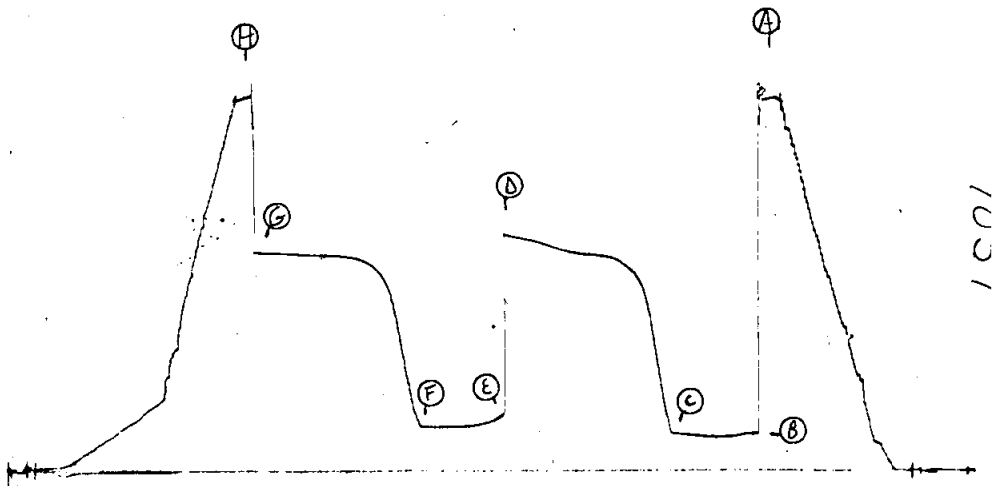
Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	P.S.I.		M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Min
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Min
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Min
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Min
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final 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> Min.	
Point	Press.	Point	Press.	Point	Press.	Point	Press.
Mins.		Minutes		Minutes		Minutes	
P 1		63	1190			63	1181
P 2		66	1193			66	1182
P 3		69	1196			69	1183
P 4		72	1199			72	1184
P 5		75	1204			75	1185
P 6		78	1211			78	1186
P 7		81	1216			81	1187
P 8		84	1222			84	1188
P 9		87	1227			87	1189
P10		90	1237			90	1190
P11		93	1245			93	1191
P12		96	1251			96	1192
P13		99	1258			99	1193
P14		102	1264			102	1194
P15		105	1269			105	1195
P16		108	1274			108	1196
P17		111	1279			111	1197
P18		114	1284			114	1198
P19		117	1288			117	1199
P20		120	1292			120	1200
		123	1294			123	1201
						121	1202

TKT # 16362

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Company W. L. Kirkman, Inc. Lease & Well No. Dewitt #1
Elevation 1651 Kelly Bushing Massey Effective Pay -- Ft. Ticket No. 16362
Date 7/29/82 Sec. 18 Twp. 31S Range 13W County Barber State Kansas
Test Approved by A. G. Siemens Western Representative Karl Leo West, Jr.

Formation Test No. 1 Interval Tested from 4196 ft. to 4245 ft. Total Depth 4245 ft.
Packer Depth 4191 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 4196 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4199 ft. Recorder Number 1051 Cap. 4250
Bottom Recorder Depth (Outside) 4202 ft. Recorder Number 15640 Cap. 6600
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Aldebaran Drlg. Rig #3 Drill Collar Length 464 I. D. 2.26 in.
Mud Type chem-driscap Viscosity 44 Weight Pipe Length - I. D. - in.
Weight 9.2 Water Loss 24.0 cc. Drill Pipe Length 3761 I. D. 3.0 in.
Chlorides 10,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.
Jars: Make = Serial Number = Anchor Length 49 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 4FH in.

Blow: Initial flow period packer failure-re-set and held. Weak building to strong blow.
Weak building to strong blow on final flow period. Gas to surface on shut-in.

Recovered 3460 ft. of gas in pipe
Recovered 40 ft. of slightly gas cut mud
Recovered 410 ft. of mud cut gassy oil 33% mud; 51% oil; 16% gas
Recovered 410 ft. of froggy oil 47% mud; 45% oil; 8% gas
Recovered - ft. of -

Remarks: -

Time Set Packer(s) 12:25 A.M. Time Started Off Bottom 6:25 A.M. Maximum Temperature 119°
Initial Hydrostatic Pressure (A) 2032 P.S.I.
Initial Flow Period Minutes 60 (B) 193 P.S.I. to (C) 211 P.S.I.
Initial Closed In Period Minutes 123 (D) 1294 P.S.I.
Final Flow Period Minutes 60 (E) 249 P.S.I. to (F) 249 P.S.I.
Final Closed In Period Minutes 126 (G) 1202 P.S.I.
Final Hydrostatic Pressure (H) 2032 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 7/29/82 Test Ticket No. 16362
 Recorder No. 1051 Capacity 4250 Location 4199 Ft.
 Clock No. -- Elevation 1651 Kelly Bushing Well Temperature 119 °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 2032 P.S.I. Open Tool 12:25A M
 B First Initial Flow Pressure 193 P.S.I. First Flow Pressure 60 Mins. 60 Mins.
 C First Final Flow Pressure 211 P.S.I. Initial Closed-in Pressure 120 Mins. 123 Mins.
 D Initial Closed-in Pressure 1294 P.S.I. Second Flow Pressure 60 Mins. 60 Mins.
 E Second Initial Flow Pressure 249 P.S.I. Final Closed-in Pressure 120 Mins. 126 Mins.
 F Second Final Flow Pressure 249 P.S.I.
 G Final Closed-in Pressure 1202 P.S.I.
 H Final Hydrostatic Mud 2032 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>41</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>42</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>193</u>	<u>0</u>	<u>211</u>	<u>0</u>	<u>249</u>	<u>0</u>	<u>249</u>
P 2 <u>5</u>	<u>193</u>	<u>3</u>	<u>314</u>	<u>5</u>	<u>249</u>	<u>3</u>	<u>252</u>
P 3 <u>10</u>	<u>193</u>	<u>6</u>	<u>450</u>	<u>10</u>	<u>249</u>	<u>6</u>	<u>288</u>
P 4 <u>15</u>	<u>193</u>	<u>9</u>	<u>574</u>	<u>15</u>	<u>249</u>	<u>9</u>	<u>353</u>
P 5 <u>20</u>	<u>193</u>	<u>12</u>	<u>704</u>	<u>20</u>	<u>249</u>	<u>12</u>	<u>485</u>
P 6 <u>25</u>	<u>193</u>	<u>15</u>	<u>840</u>	<u>25</u>	<u>249</u>	<u>15</u>	<u>570</u>
P 7 <u>30</u>	<u>193</u>	<u>18</u>	<u>932</u>	<u>30</u>	<u>249</u>	<u>18</u>	<u>710</u>
P 8 <u>35</u>	<u>195</u>	<u>21</u>	<u>1011</u>	<u>35</u>	<u>249</u>	<u>21</u>	<u>827</u>
P 9 <u>40</u>	<u>198</u>	<u>24</u>	<u>1054</u>	<u>40</u>	<u>249</u>	<u>24</u>	<u>930</u>
P10 <u>45</u>	<u>201</u>	<u>27</u>	<u>1089</u>	<u>45</u>	<u>249</u>	<u>27</u>	<u>1000</u>
P11 <u>50</u>	<u>206</u>	<u>30</u>	<u>1107</u>	<u>50</u>	<u>249</u>	<u>30</u>	<u>1049</u>
P12 <u>55</u>	<u>208</u>	<u>33</u>	<u>1125</u>	<u>55</u>	<u>249</u>	<u>33</u>	<u>1086</u>
P13 <u>60</u>	<u>211</u>	<u>36</u>	<u>1142</u>	<u>60</u>	<u>249</u>	<u>36</u>	<u>1106</u>
P14		<u>39</u>	<u>1158</u>			<u>39</u>	<u>1129</u>
P15		<u>42</u>	<u>1167</u>			<u>42</u>	<u>1142</u>
P16		<u>45</u>	<u>1173</u>			<u>45</u>	<u>1152</u>
P17		<u>48</u>	<u>1178</u>			<u>48</u>	<u>1162</u>
P18		<u>51</u>	<u>1181</u>			<u>51</u>	<u>1169</u>
P19		<u>54</u>	<u>1183</u>			<u>54</u>	<u>1174</u>
P20		<u>57</u>	<u>1185</u>			<u>57</u>	<u>1177</u>
		<u>60</u>	<u>1187</u>			<u>60</u>	<u>1180</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 7/29/82 Test Ticket No. 16362

Recorder No. 1051 Capacity 4250 Location 4199 Ft.

Clock No. -- Elevation 1651 Kelly Bushing Well Temperature 119 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2032	P.S.I.	12:25A	M
B First Initial Flow Pressure	193	P.S.I.	60	60 Mins.
C First Final Flow Pressure	211	P.S.I.	120	123 Mins.
D Initial Closed-in Pressure	1294	P.S.I.	60	60 Mins.
E Second Initial Flow Pressure	249	P.S.I.	120	126 Mins.
F Second Final Flow Pressure	249	P.S.I.		
G Final Closed-in Pressure	1202	P.S.I.		
H Final Hydrostatic Mud	2032	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>41</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>42</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	1190			63	1181
P 2		66	1193			66	1182
P 3		69	1196			69	1183
P 4		72	1199			72	1184
P 5		75	1204			75	1185
P 6		78	1211			78	1186
P 7		81	1216			81	1187
P 8		84	1222			84	1188
P 9		87	1227			87	1189
P10		90	1237			90	1190
P11		93	1245			93	1191
P12		96	1251			96	1192
P13		99	1258			99	1193
P14		102	1264			102	1194
P15		105	1269			105	1195
P16		108	1274			108	1196
P17		111	1279			111	1197
P18		114	1284			114	1198
P19		117	1288			117	1199
P20		120	1292			120	1200
		123	1294			123	1201
						126	1202



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No 15296

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation _____ Formation Miss Eff. Pay. — Ft.

District Pratt Date 7/30/82 Customer Order No. —

COMPANY NAME W.L. Pinkman, Inc.

ADDRESS 435 E. Webb Ave., PO Box 11 Wichita, KS 67207

LEASE AND WELL NO. Dewitt #1 COUNTY Barber STATE KS Sec. 18 Twp. 31 Rge. 13

Mail Invoice To Same #1 DEWITT Co. Name _____ Address _____ No. Copies Requested 5

Mail Charts To Same Address _____ No. Copies Requested 5

Formation Test No. 2 Interval Tested From 4312 ft. to 4345 ft. Total Depth 4345 ft.

Packer Depth 4307 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 4312 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4334 ft. Recorder Number 2607 Cap. 4/50

Bottom Recorder Depth (Outside) 4337 ft. Recorder Number 3351 Cap. 4000

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

Drilling Contractor Aldebaran Rig #3 Drill Collar Length 465 I. D. 2 1/2 in.

Mud Type Premix-Chemical Viscosity 46 Weight Pipe Length _____ I. D. _____ in.

Weight 8.5 Water Loss 14.4 cc. Drill Pipe Length 3823 I. D. 3.8 in.

Chlorides 10,000 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 in.

Jars: Make No Serial Number _____ Anchor Length 33 ft. Size 5 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 1/2 in. Tool Joint Size 4 1/2 FH in.

Blow: Weak increased to strong blow on first flow period

Strong blow throughout second flow period

Recovered 90 ft. of Heavy Oil Cut Mud (40% oil)

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Time On Location 8:00 ~~A.M.~~ P.M. Time Pick Up Tool 8:30 ~~A.M.~~ P.M. Time Off Location 5:00 ~~A.M.~~ P.M.

Time Set Packer(s) 10:30 ~~A.M.~~ P.M. Time Started Off Bottom 2:15 ~~A.M.~~ P.M. Maximum Temperature 121

Initial Hydrostatic Pressure _____ (A) 2194 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 73 P.S.I. to (C) 73 P.S.I.

Initial Closed In Period _____ Minutes 45 (D) 518 P.S.I.

Final Flow Period _____ Minutes 60 (E) 95 P.S.I. to (F) 95 P.S.I.

Final Closed In Period _____ Minutes 90 (G) 1531 P.S.I.

Final Hydrostatic Pressure _____ (H) 2172 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 Jim Wondra Thank You

FIELD INVOICE

Open Hole Test \$ 165.00
Misrun \$ _____
Straddle Test \$ _____
Jars \$ _____
Selective Zone \$ _____
Safety Joint \$ 165.00
Standby \$ _____
Evaluation \$ _____
Extra Packer \$ _____
Circ. Sub. \$ _____
Mileage \$ _____
Fluid Sampler \$ _____
Extra Charts \$ _____
Insurance \$ _____
Telecopier \$ _____
TOTAL \$ 140.00

WESTERN TESTING CO., INC.

Pressure Data

Date 7-30 Recorder No. 2607 Capacity 4150 Test Ticket No. 15296 Location 4334 Ft.
 Clock No. --- Elevation --- Well Temperature 121 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2176</u> P.S.I.	<u>10:30</u> P	<u>M</u>
B First Initial Flow Pressure	<u>86</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>86</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>507</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>105</u> P.S.I.	<u>90</u> Mins.	<u>93</u> Mins.
F Second Final Flow Pressure	<u>105</u> P.S.I.		
G Final Closed-in Pressure	<u>1519</u> P.S.I.		
H Final Hydrostatic Mud	<u>2127</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>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>31</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>86</u>	0	<u>86</u>	0	<u>105</u>	0	<u>105</u>
P 2 5		3	<u>87</u>	5		3	<u>107</u>
P 3 10		6	<u>91</u>	10		6	<u>114</u>
P 4 15		9	<u>97</u>	15		9	<u>124</u>
P 5 20		12	<u>112</u>	20		12	<u>136</u>
P 6 25		15	<u>132</u>	25		15	<u>159</u>
P 7 30	<u>86</u>	18	<u>157</u>	30		18	<u>187</u>
P 8 35		21	<u>186</u>	35		21	<u>233</u>
P 9 40		24	<u>212</u>	40		24	<u>260</u>
P10 45		27	<u>254</u>	45		27	<u>290</u>
P11 50		30	<u>281</u>	50		30	<u>343</u>
P12 55		33	<u>313</u>	55		33	<u>391</u>
P13 60		36	<u>366</u>	60	<u>105</u>	36	<u>436</u>
P14		39	<u>407</u>	65		39	<u>487</u>
P15		42	<u>449</u>	70		42	<u>540</u>
P16		45	<u>507</u>	75		45	<u>606</u>
P17		48		80		48	<u>675</u>
P18		51		85		51	<u>741</u>
P19		54		90		54	<u>810</u>
P20		57				57	<u>886</u>
		60				60	<u>958</u>

WESTERN TESTING CO., INC.

Pressure Data

Date _____

Test Ticket No. 15296

Recorder No. _____ Capacity _____ Location _____

Clock No. _____ Elevation _____ Well Temperature _____

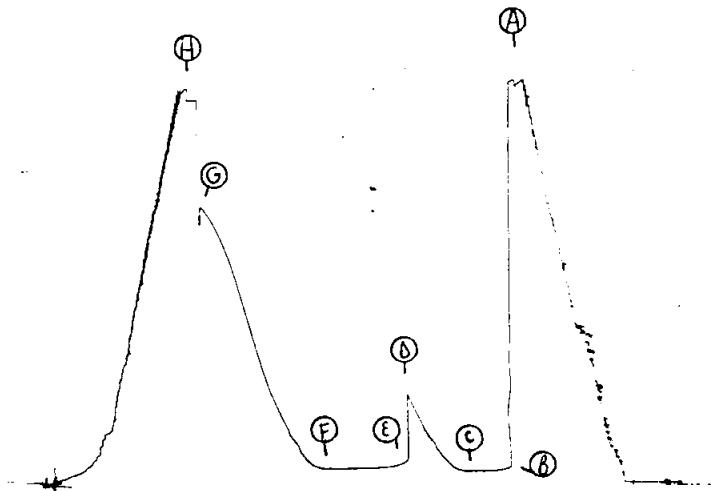
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I.	Open Tool _____	M _____	
B First Initial Flow Pressure _____	P.S.I.	First Flow Pressure _____	Mins. _____	Min _____
C First Final Flow Pressure _____	P.S.I.	Initial Closed-in Pressure _____	Mins. _____	Min _____
D Initial Closed-in Pressure _____	P.S.I.	Second Flow Pressure _____	Mins. _____	Min _____
E Second Initial Flow Pressure _____	P.S.I.	Final Closed-in Pressure _____	Mins. _____	Min _____
F Second Final Flow Pressure _____	P.S.I.			
G Final Closed-in Pressure _____	P.S.I.			
H Final Hydrostatic Mud _____	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: _____ Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: _____ Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: _____ Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: _____ 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 _____	_____	_____	_____	63 _____	<u>1029</u>
P 2 _____	_____	66 _____	_____	_____	_____	66 _____	<u>1102</u>
P 3 _____	_____	69 _____	_____	_____	_____	69 _____	<u>1169</u>
P 4 _____	_____	72 _____	_____	_____	_____	72 _____	<u>1234</u>
P 5 _____	_____	75 _____	_____	_____	_____	75 _____	<u>1292</u>
P 6 _____	_____	78 _____	_____	_____	_____	78 _____	<u>1347</u>
P 7 _____	_____	81 _____	_____	_____	_____	81 _____	<u>1390</u>
P 8 _____	_____	84 _____	_____	_____	_____	84 _____	<u>1435</u>
P 9 _____	_____	87 _____	_____	_____	_____	87 _____	<u>1470</u>
P10 _____	_____	90 _____	_____	_____	_____	90 _____	<u>1504</u>
P11 _____	_____	93 _____	_____	_____	_____	93 _____	<u>1519</u>
P12 _____	_____	96 _____	_____	_____	_____	96 _____	_____
P13 _____	_____	99 _____	_____	_____	_____	99 _____	_____
P14 _____	_____	102 _____	_____	_____	_____	102 _____	_____
P15 _____	_____	105 _____	_____	_____	_____	105 _____	_____
P16 _____	_____	108 _____	_____	_____	_____	108 _____	_____
P17 _____	_____	111 _____	_____	_____	_____	111 _____	_____
P18 _____	_____	114 _____	_____	_____	_____	114 _____	_____
P19 _____	_____	117 _____	_____	_____	_____	117 _____	_____
P20 _____	_____	120 _____	_____	_____	_____	120 _____	_____

TKT #15296

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Company W. L. Kirkman, Inc. Lease & Well No. #1 Dewitt
Elevation --- Formation Mississippi Effective Pay. -- Ft. Ticket No. 15296
Date 7/30/82 Sec. 18 Twp. 31S Range 13W County Barber State Kansas
Test Approved by A. G. Siemens Western Representative Jim Wondra
Formation Test No. 2 Interval Tested from 4312 ft. to 4345 ft. Total Depth 4345 ft.
Packer Depth 4307 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4312 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4334 ft. Recorder Number 2607 Cap. 4150
Bottom Recorder Depth (Outside) 4337 ft. Recorder Number 3351 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Aldebaran Drlg. Rig #3 Drill Collar Length 465 I. D. 2 1/4 in.
Mud Type premix-chemical Viscosity 46 Weight Pipe Length - I. D. - in.
Weight 8.5 Water Loss 14.4 cc. Drill Pipe Length 3823 I. D. 3.8 in.
Chlorides 10,000 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 OD in.
Jars: Make - Serial Number - Anchor Length 33 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 in.

Blow: Weak increased to strong blow on initial flow period. Strong blow throughout final flow period.

Recovered 90 ft. of heavy oil cut mud (40% oil)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 10:30 ~~A.M.~~ P.M. Time Started Off Bottom 2:15 ~~A.M.~~ P.M. Maximum Temperature 121°
Initial Hydrostatic Pressure 2176 P.S.I. (A)
Initial Flow Period 30 Minutes (B) 86 P.S.I. to (C) 86 P.S.I.
Initial Closed In Period 45 Minutes (D) 507 P.S.I.
Final Flow Period 60 Minutes (E) 105 P.S.I. to (F) 105 P.S.I.
Final Closed In Period 93 Minutes (G) 1519 P.S.I.
Final Hydrostatic Pressure 2127 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 7/30/82 Recorder No. 2607 Capacity 4150 Test Ticket No. 15296 Location 4334 Ft. 121
Clock No. - Elevation - Well Temperature - °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2176 P.S.I.	10:30P	M
B First Initial Flow Pressure	86 P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	86 P.S.I.	45 Mins.	45 Mins.
D Initial Closed-in Pressure	507 P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	105 P.S.I.	90 Mins.	93 Mins.
F Second Final Flow Pressure	105 P.S.I.		
G Final Closed-in Pressure	1519 P.S.I.		
H Final Hydrostatic Mud	2127 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>31</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>86</u>	<u>0</u>	<u>86</u>	<u>0</u>	<u>105</u>	<u>0</u>	<u>105</u>
P 2 <u>5</u>	<u>86</u>	<u>3</u>	<u>87</u>	<u>5</u>	<u>105</u>	<u>3</u>	<u>107</u>
P 3 <u>10</u>	<u>86</u>	<u>6</u>	<u>91</u>	<u>10</u>	<u>105</u>	<u>6</u>	<u>114</u>
P 4 <u>15</u>	<u>86</u>	<u>9</u>	<u>97</u>	<u>15</u>	<u>105</u>	<u>9</u>	<u>124</u>
P 5 <u>20</u>	<u>86</u>	<u>12</u>	<u>112</u>	<u>20</u>	<u>105</u>	<u>12</u>	<u>136</u>
P 6 <u>25</u>	<u>86</u>	<u>15</u>	<u>132</u>	<u>25</u>	<u>105</u>	<u>15</u>	<u>159</u>
P 7 <u>30</u>	<u>86</u>	<u>18</u>	<u>157</u>	<u>30</u>	<u>105</u>	<u>18</u>	<u>187</u>
P 8		<u>21</u>	<u>186</u>	<u>35</u>	<u>105</u>	<u>21</u>	<u>233</u>
P 9		<u>24</u>	<u>212</u>	<u>40</u>	<u>105</u>	<u>24</u>	<u>260</u>
P10		<u>27</u>	<u>254</u>	<u>45</u>	<u>105</u>	<u>27</u>	<u>290</u>
P11		<u>30</u>	<u>281</u>	<u>50</u>	<u>105</u>	<u>30</u>	<u>343</u>
P12		<u>33</u>	<u>313</u>	<u>55</u>	<u>105</u>	<u>33</u>	<u>391</u>
P13		<u>36</u>	<u>366</u>	<u>60</u>	<u>105</u>	<u>36</u>	<u>436</u>
P14		<u>39</u>	<u>407</u>			<u>39</u>	<u>487</u>
P15		<u>42</u>	<u>449</u>			<u>42</u>	<u>540</u>
P16		<u>45</u>	<u>507</u>			<u>45</u>	<u>606</u>
P17						<u>48</u>	<u>675</u>
P18						<u>51</u>	<u>741</u>
P19						<u>54</u>	<u>810</u>
P20						<u>57</u>	<u>886</u>
						<u>60</u>	<u>958</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 7/30/82 Recorder No. 2607 Capacity 4150 Test Ticket No. 15296
 Clock No. - Elevation - Location 4334 Ft. 121
 Well Temperature - °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2176 P.S.I.	10:30P	M
B First Initial Flow Pressure	86 P.S.I.	30 Mins	30 Mins
C First Final Flow Pressure	86 P.S.I.	45 Mins	45 Mins
D Initial Closed-in Pressure	507 P.S.I.	60 Mins	60 Mins
E Second Initial Flow Pressure	105 P.S.I.	90 Mins	93 Mins
F Second Final Flow Pressure	105 P.S.I.		
G Final Closed-in Pressure	1519 P.S.I.		
H Final Hydrostatic Mud	2127 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>15</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>31</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	1029
P 2						66	1102
P 3						69	1169
P 4						72	1234
P 5						75	1292
P 6						78	1347
P 7						81	1390
P 8						84	1435
P 9						87	1470
P10						90	1504
P11						93	1519
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							