



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET NO 3575

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

Elevation _____ Formation Miss Eff. Pay _____ Ft.

District Pratt Date 2/24/80 Customer Order No. _____

COMPANY NAME Rains & Williamson Oil Co. Inc.

ADDRESS 435 Page Court Wichita, KS Dist 220 W. Douglas Wichita

LEASE AND WELL NO. Handkins #1 COUNTY Kingman STATE KS Sec. 18 Twp. 29S Rge. 7W

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

Mail Charts To Same Co. Name _____ Address _____ No. Copies Requested 5

Formation Test No. 1 Interval Tested from 4126 ft. to 4137 ft. Total Depth 4137 ft.

Packer Depth 4121 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4126 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4129 ft. Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 4132 ft. Recorder Number 3351 Cap. 4000

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

Drilling Contractor Rains & Williamson Rig #3 Drill Collar Length 373 I. D. 2 1/4 in.

Mud Type Starch Viscosity 3.8 Weight Pipe Length _____ I. D. _____ in.

Weight 9.8 Water Loss 12.8 cc. Drill Pipe Length 3732 I. D. 3.8 in.

Chlorides 58,000 P.P.M. Test Tool Length 21 ft. Tool Size 5500 in.

Jars: Make _____ Serial Number _____ Anchor Length 11 ft. Size 5500 in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 1/4 in. Bottom Choke Size 2 1/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Strong blow throughout flow periods

Recovered 60 ft. of Drilg Mud

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

RECEIVED
FEB 26 1980

Time Set Packer(s) 8:35 P.M. Time Started Off Bottom 12:20 A.M. Maximum Temperature 124

Initial Hydrostatic Pressure _____ (A) 2225 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 52 P.S.I. to (C) 52 P.S.I.

Initial Closed In Period _____ Minutes 45 (D) 338 P.S.I.

Final Flow Period _____ Minutes 60 (E) 201 P.S.I. to (F) 232 P.S.I.

Final Closed In Period _____ Minutes 90 (G) 705 P.S.I.

Final Hydrostatic Pressure _____ (H) 2204 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]
Signature of Customer or his authorized representative

Western Representative Jim Wondra Thank You

FIELD INVOICE

Open Hole Test \$ 1550.00
Misrun \$ _____
Straddle Test \$ _____
Jars \$ _____
Selective Zone \$ _____
Safety Joint \$ _____
Standby \$ _____
Evaluation \$ _____
Extra Packer \$ _____
Circ. Sub. \$ _____
Mileage \$ _____
Fluid Sampler \$ _____
Extra Charts \$ _____

TOTAL \$ 550.00

WESTERN TESTING CO., INC.

Pressure Data

Date 2-24-80 Recorder No. 2607 Capacity 4150 Test Ticket No. 3575 Location 4124 Ft.
Clock No. _____ Elevation _____ Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2190</u>	P.S.I.	<u>8135</u> P M	
B First Initial Flow Pressure	<u>59</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>59</u>	P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>356</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>356</u>	P.S.I.	<u>90</u> Mins.	<u>87</u> Mins.
F Second Final Flow Pressure	<u>417</u>	P.S.I.		
G Final Closed-in Pressure	<u>714</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2141</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>14</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>29</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>59</u>	0	<u>59</u>	0	<u>356</u>	0	<u>243</u>
P 2 5	<u>59</u>	3	<u>72</u>	5	<u>224</u>	3	<u>246</u>
P 3 10	<u>59</u>	6	<u>82</u>	10	<u>224</u>	6	<u>260</u>
P 4 15	<u>1</u>	9	<u>104</u>	15	<u>222</u>	9	<u>269</u>
P 5 20	<u>1</u>	12	<u>127</u>	20	<u>231</u>	12	<u>280</u>
P 6 25		15	<u>144</u>	25	<u>239</u>	15	<u>303</u>
P 7 30	<u>59</u>	18	<u>174</u>	30	<u>263</u>	18	<u>324</u>
P 8 35		21	<u>197</u>	35	<u>296</u>	21	<u>349</u>
P 9 40		24	<u>218</u>	40	<u>335</u>	24	<u>371</u>
P10 45		27	<u>241</u>	45	<u>360</u>	27	<u>392</u>
P11 50		30	<u>265</u>	50	<u>390</u>	30	<u>413</u>
P12 55		33	<u>288</u>	55	<u>417</u>	33	<u>434</u>
P13 60		36	<u>309</u>	60		36	<u>449</u>
P14		39	<u>333</u>	65		39	<u>468</u>
P15		42 <u>356</u>	356	70		42	<u>487</u>
P16		45		75		45	<u>508</u>
P17		48		80		48	<u>525</u>
P18		51		85		51	<u>542</u>
P19		54		90		54	<u>558</u>
P20		57				57	<u>573</u>
		60				60	<u>587</u>

* Questionable

cont

Pressure Data

Test Ticket No. 3575

No. _____	Capacity _____	Location _____
lo. _____	Elevation _____	Well Temperature _____
	Pressure _____ P.S.I.	Time Given _____ M
ial Hydrostatic Mud _____	Open Tool _____	Time Computed _____
t Initial Flow Pressure _____ P.S.I.	First Flow Pressure _____	Mins _____ Mi _____
t Final Flow Pressure _____ P.S.I.	Initial Closed-in Pressure _____	Mins _____ Mi _____
ial Closed-in Pressure _____ P.S.I.	Second Flow Pressure _____	Mins _____ Mi _____
ond Initial Flow Pressure _____ P.S.I.	Final Closed-in Pressure _____	Mins _____ Mi _____
ond Final Flow Pressure _____ P.S.I.		
al Closed-in Pressure _____ P.S.I.		
ial Hydrostatic Mud _____ P.S.I.		

PRESSURE BREAKDOWN

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

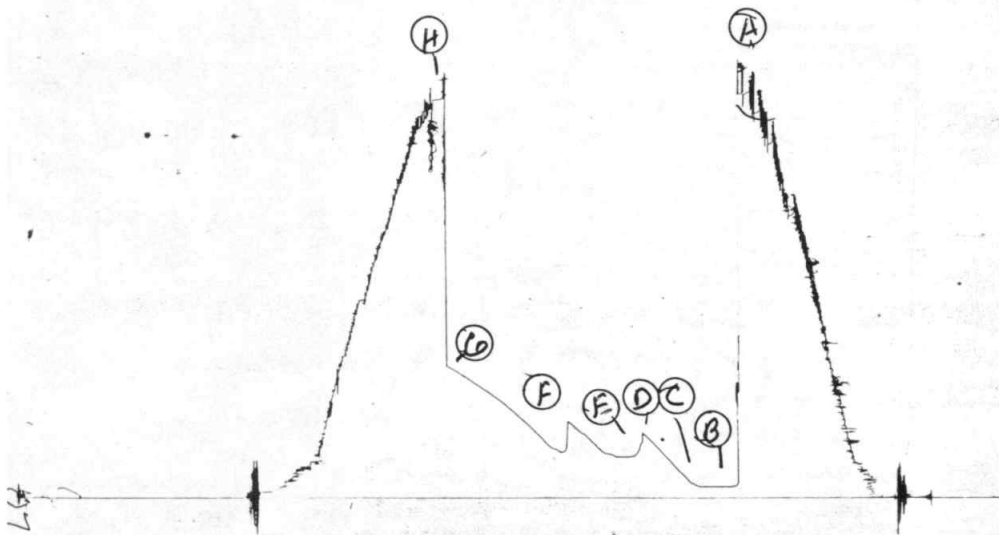
Initial Shut-In
Breakdown: _____ Inc.
of 3 mins. and a
final inc. of 0 Min.

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

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

Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
	63				63	602 587
	66				66	619 602
	69				69	635 619
	72				72	650 635
	75				75	662 650
	78				78	677 662
	81				81	689
	84				84	702
	87				87	714
	90				90	
	93				93	
	96				96	
	99				99	
	102				102	
	105				105	
	108				108	
	111				111	
	114				114	
	117				117	
	120				120	

TKL #3575
I



Company Rains & Williamson Oil Co., Inc. Lease & Well No. Handkins #1
Elevation ----- Formation Mississippi Effective Pay --- Ft. Ticket No. 3575
Date 2/24/80 Sec. 18 Twp. 29S Range 7W County Kingman State Kansas
Test Approved by H. Deane Jirrels Western Representative Jim Wondra
Formation Test No. 1 Interval Tested from 4126 ft. to 4137 ft. Total Depth 4137 ft.
Packer Depth 4121 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4126 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4124 ft. Recorder Number 2607 Cap. 4150
Bottom Recorder Depth (Outside) 4132 ft. Recorder Number 3351 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Rains & Williamson Rig #3 Drill Collar Length 373 I. D. 2 1/4 in.
Mud Type starch Viscosity 38 Weight Pipe Length - I. D. - in.
Weight 9.8 Water Loss 12.8 cc. Drill Pipe Length 3732 I. D. 3.8 in.
Chlorides 58,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
Jars: Make - Serial Number - Anchor Length 11 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 FH in.

Blow: Strong blow throughout flow periods.

Recovered 60 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 8:35 ~~AM~~ P.M. Time Started Off Bottom 12:20 ~~AM~~ P.M. Maximum Temperature 124°
Initial Hydrostatic Pressure 2190 P.S.I. (A)
Initial Flow Period 30 Minutes (B) 59 P.S.I. to (C) 59 P.S.I.
Initial Closed In Period 45 Minutes (D) 356 P.S.I.
Final Flow Period 60 Minutes (E) 356 P.S.I. to (F) 417 P.S.I.
Final Closed In Period 87 Minutes (G) 714 P.S.I.
Final Hydrostatic Pressure 2141 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 2/24/80 Test Ticket No. 3575
 Recorder No. 2607 Capacity 4150 Location 4124 Ft.
 Clock No. ----- Elevation ----- Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2190 P.S.I.	Open Tool	8:35P	M
B First Initial Flow Pressure	59 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	59 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	356 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	356 P.S.I.	Final Closed-in Pressure	90 Mins.	87 Mins.
F Second Final Flow Pressure	417 P.S.I.			
G Final Closed-in Pressure	714 P.S.I.			
H Final Hydrostatic Mud	2141 P.S.I.			

NOTE: * Questionable

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>14</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>29</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>	59	0	59	0	356 *	0	243
P 2 <u>5</u>	59	3	72	5	224	3	246
P 3 <u>10</u>	59	6	82	10	224	6	260
P 4 <u>15</u>	59	9	104	15	222	9	269
P 5 <u>20</u>	59	12	127	20	231	12	280
P 6 <u>25</u>	59	15	144	25	239	15	303
P 7 <u>30</u>	59	18	174	30	263	18	324
P 8 <u> </u>		21	197	35	296	21	349
P 9 <u> </u>		24	218	40	335	24	371
P10 <u> </u>		27	241	45	360	27	392
P11 <u> </u>		30	265	50	390	30	413
P12 <u> </u>		33	288	55	417 *	33	434
P13 <u> </u>		36	309			36	449
P14 <u> </u>		39	333			39	468
P15 <u> </u>		42	356			42	487
P16 <u> </u>						45	508
P17 <u> </u>						48	525
P18 <u> </u>						51	542
P19 <u> </u>						54	558
P20 <u> </u>						57	573
						60	587

WESTERN TESTING CO., INC.

Pressure Data

Date 2/24/80 Test Ticket No. 3575
 Recorder No. 2607 Capacity 4150 Location 4124 Ft.
 Clock No. ----- Elevation ----- Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2190	P.S.I.	8:35P	M
B First Initial Flow Pressure	59	P.S.I.	30	Mins.
C First Final Flow Pressure	59	P.S.I.	45	Mins.
D Initial Closed-in Pressure	356	P.S.I.	60	Mins.
E Second Initial Flow Pressure	356	P.S.I.	90	Mins.
F Second Final Flow Pressure	417	P.S.I.		
G Final Closed-in Pressure	714	P.S.I.		
H Final Hydrostatic Mud	2141	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>14</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>29</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	602
P 2						66	619
P 3						69	635
P 4						72	650
P 5						75	662
P 6						78	677
P 7						81	689
P 8						85	702
P 9						87	714
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No 5626

P. O. BOX 1599 PHONE (316) 838-0601

WICHITA, KANSAS 67201

Elevation

Formation

MISS

Eff. Pay Ft.

District

PRATT

Date

2-25-80

Customer Order No.

COMPANY NAME

RAINE & WILLIAMSON Oil Co. Inc.

ADDRESS

435 PAGE COURT 220 W Douglas

LEASE AND WELL NO.

HANDKINS #1

COUNTY KINGMAN

STATE KS.

Sec. 18

Twp 29S

Rge 7 W

Mail Invoice To

Co. Name

SAME

Address

No. Copies Requested

Reg.

Mail Charts To

Co. Name

SAME

Address

No. Copies Requested

Reg.

Formation Test No.

2

Interval Tested from

4126

ft. to

4142

ft.

Total Depth

4142

ft.

Packer Depth

4121

ft.

Size

6 3/4 in.

Packer Depth

ft.

Size

in.

Packer Depth

4126

ft.

Size

6 3/4 in.

Packer Depth

ft.

Size

in.

Depth of Selective Zone Set

Top Recorder Depth (Inside)

4133

ft.

Recorder Number

2607

Cap.

4150

Bottom Recorder Depth (Outside)

4136

ft.

Recorder Number

3351

Cap.

4000

Below Straddle Recorder Depth

ft.

Recorder Number

Cap.

Drilling Contractor

R&W Rig #3

Drill Collar Length

373

I. D.

2 1/4 in.

Mud Type

STARCH

Viscosity

40

Weight Pipe Length

I. D.

3.84 in.

Weight

9.7

Water Loss

12.4

cc.

Drill Pipe Length

3733

I. D.

3.8 in.

Chlorides

65,000

P.P.M.

Test Tool Length

20

ft.

Tool Size

5 1/2 in.

Jars: Make

Serial Number

Anchor Length

16

ft.

Size

5 1/2 in.

Did Well Flow?

Reversed Out

Surface Choke Size

3/4

in.

Bottom Choke Size

3/4

in.

Main Hole Size

7 7/8

in.

Tool Joint Size

4 1/2 x 1 1/4 in.

Blow: STRONG BLOW THRU-OUT TEST

Recovered

90

ft. of

GAS IN PIPE

Recovered

80

ft. of

SL. GAS CUT MUD W/ FEW OIL SPOTS.

Recovered

60

ft. of

SL. GAS CUT MUDDY WATER W/ FEW OIL SPOTS

Recovered

ft. of

Recovered

ft. of

Remarks:

Time Set Packer(s)

5:25

A.M.

Time Started Off Bottom

9:10

A.M.

Maximum Temperature

BROKEN

Initial Hydrostatic Pressure

(A)

2183

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)

789

P.S.I.

Final Flow Period

Minutes

60

(E)

165

P.S.I. to (F)

105

P.S.I.

Final Closed In Period

Minutes

90

(G)

1238

P.S.I.

Final Hydrostatic Pressure

(H)

2162

P.S.I.

COMPANY TERMS

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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

Bill Dager

FIELD INVOICE

Open Hole Test

\$

550

Misrun

\$

Straddle Test

\$

Jars

\$

Selective Zone

\$

Safety Joint

\$

Standby

\$

Evaluation

\$

Extra Packer

\$

Circ. Sub.

\$

Mileage

\$

Fluid Sampler

\$

Extra Charts

\$

TOTAL

\$

550

WESTERN TESTING CO., INC.

Pressure Data

Date 2-25-80 Test Ticket No. 5626
 Recorder No. 2407 Capacity 4150 Location 4133 Ft.
 Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2175</u> P.S.I.	Open Tool	<u>5:25 P</u> M	
B First Initial Flow Pressure	<u>78</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>77</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>808</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>105</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>1239</u> P.S.I.			
H Final Hydrostatic Mud	<u>2165</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>29</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>78</u>	0	<u>77</u>	0	<u>105</u>	0	<u>106</u>
P 2 5	<u>78</u>	3	<u>83</u>	5	<u>102</u>	3	<u>116</u>
P 3 10	<u>77</u>	6	<u>93</u>	10	<u>100</u>	6	<u>150</u>
P 4 15		9	<u>106</u>	15	↑	9	<u>199</u>
P 5 20		12	<u>140</u>	20		12	<u>252</u>
P 6 25		15	<u>186</u>	25		15	<u>307</u>
P 7 30	<u>77</u>	18	<u>230</u>	30	↓	18	<u>375</u>
P 8 35		21	<u>290</u>	35		21	<u>441</u>
P 9 40		24	<u>347</u>	40	<u>100</u>	24	<u>504</u>
P10 45		27	<u>413</u>	45	<u>102</u>	27	<u>569</u>
P11 50		30	<u>492</u>	50	<u>101</u>	30	<u>627</u>
P12 55		33	<u>556</u>	55	<u>102</u>	33	<u>687</u>
P13 60		36	<u>627</u>	60	<u>106</u>	36	<u>741</u>
P14		39	<u>668</u>	65		39	<u>797</u>
P15		42	<u>741</u>	70		42	<u>845</u>
P16		45	<u>808</u>	75		45	<u>889</u>
P17		48		80		48	<u>933</u>
P18		51		85		51	<u>973</u>
P19		54		90		54	<u>1004</u>
P20		57				57	<u>1028</u>
		60				60	<u>1056</u>

Cont

Pressure Data

Test Ticket No. 5626

_____		Capacity _____	Location _____	
No. _____	Elevation _____	Well Temperature _____		
		Time Given _____	Time Computed _____	
	Pressure _____		M _____	
Initial Hydrostatic Mud _____	PSI. _____	Open Tool _____		
Initial Flow Pressure _____	PSI. _____	First Flow Pressure _____	Mins _____	M _____
Final Flow Pressure _____	PSI. _____	Initial Closed-in Pressure _____	Mins _____	M _____
Initial Closed-in Pressure _____	PSI. _____	Second Flow Pressure _____	Mins _____	M _____
Second Initial Flow Pressure _____	PSI. _____	Final Closed-in Pressure _____	Mins _____	M _____
Second Final Flow Pressure _____	PSI. _____			
Final Closed-in Pressure _____	PSI. _____			
Final Hydrostatic Mud _____	PSI. _____			

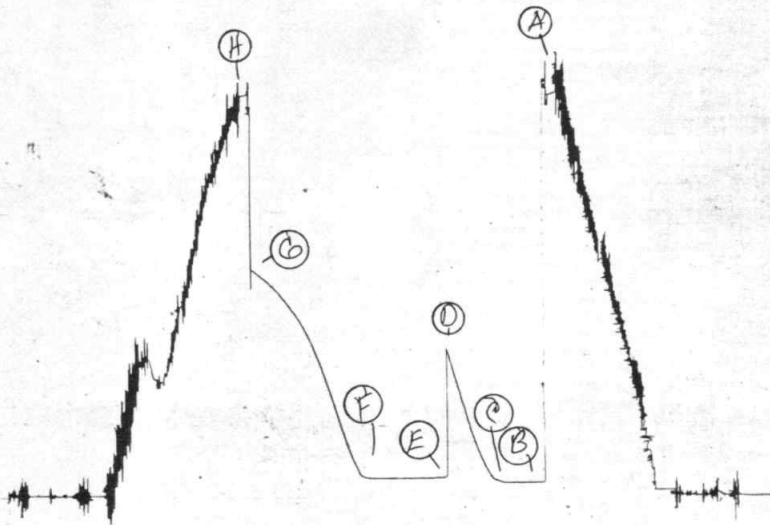
PRESSURE BREAKDOWN

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 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			

Point Minutes	Press.
63	1088
66	1116
69	1140
72	1161
75	1177
78	1192
81	1215
84	1232
87	1239
90	
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

2607

TRT # 5626
I



WESTERN TESTING CO., INC.

Pressure Data

Date 2-25-80

Test Ticket No. 5626

Recorder No. 2607 Capacity 4150 Location 4133 Ft.

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

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2175</u> P.S.I.	Open Tool	<u>5:25</u> P M	
B First Initial Flow Pressure	<u>78</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>77</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>808</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>105</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>1239</u> P.S.I.			
H Final Hydrostatic Mud	<u>2165</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: 15 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: 29 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>78</u>	<u>0</u>	<u>77</u>	<u>0</u>	<u>105</u>	<u>0</u>	<u>106</u>
P 2 <u>5</u>	<u>78</u>	<u>3</u>	<u>83</u>	<u>5</u>	<u>102</u>	<u>3</u>	<u>116</u>
P 3 <u>10</u>	<u>77</u>	<u>6</u>	<u>93</u>	<u>10</u>	<u>100</u>	<u>6</u>	<u>150</u>
P 4 <u>15</u>	<u>77</u>	<u>9</u>	<u>106</u>	<u>15</u>	<u>100</u>	<u>9</u>	<u>199</u>
P 5 <u>20</u>	<u>77</u>	<u>12</u>	<u>140</u>	<u>20</u>	<u>100</u>	<u>12</u>	<u>252</u>
P 6 <u>25</u>	<u>77</u>	<u>15</u>	<u>186</u>	<u>25</u>	<u>100</u>	<u>15</u>	<u>307</u>
P 7 <u>30</u>	<u>77</u>	<u>18</u>	<u>230</u>	<u>30</u>	<u>100</u>	<u>18</u>	<u>375</u>
P 8 _____	_____	<u>21</u>	<u>290</u>	<u>35</u>	<u>100</u>	<u>21</u>	<u>441</u>
P 9 _____	_____	<u>24</u>	<u>347</u>	<u>40</u>	<u>100</u>	<u>24</u>	<u>504</u>
P10 _____	_____	<u>27</u>	<u>413</u>	<u>45</u>	<u>102</u>	<u>27</u>	<u>569</u>
P11 _____	_____	<u>30</u>	<u>492</u>	<u>50</u>	<u>101</u>	<u>30</u>	<u>627</u>
P12 _____	_____	<u>33</u>	<u>556</u>	<u>55</u>	<u>102</u>	<u>33</u>	<u>687</u>
P13 _____	_____	<u>36</u>	<u>627</u>	<u>60</u>	<u>106</u>	<u>36</u>	<u>741</u>
P14 _____	_____	<u>39</u>	<u>668</u>	_____	_____	<u>39</u>	<u>797</u>
P15 _____	_____	<u>42</u>	<u>741</u>	_____	_____	<u>42</u>	<u>845</u>
P16 _____	_____	<u>45</u>	<u>808</u>	_____	_____	<u>45</u>	<u>889</u>
P17 _____	_____	_____	_____	_____	_____	<u>48</u>	<u>933</u>
P18 _____	_____	_____	_____	_____	_____	<u>51</u>	<u>973</u>
P19 _____	_____	_____	_____	_____	_____	<u>54</u>	<u>1004</u>
P20 _____	_____	_____	_____	_____	_____	<u>57</u>	<u>1028</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 2-25-80

Test Ticket No. 5626

Recorder No. 2607 Capacity 4150 Location 4133 Ft.

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

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2175</u> P.S.I.	Open Tool	<u>5:25</u> P M	
B First Initial Flow Pressure	<u>78</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>77</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>808</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>105</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>1239</u> P.S.I.			
H Final Hydrostatic Mud	<u>2165</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: 15 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: 29 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>60</u>	<u>1088</u>
P 2						<u>63</u>	<u>1116</u>
P 3						<u>66</u>	<u>1140</u>
P 4						<u>69</u>	<u>1161</u>
P 5						<u>72</u>	<u>1177</u>
P 6						<u>75</u>	<u>1197</u>
P 7						<u>78</u>	<u>1215</u>
P 8						<u>81</u>	<u>1232</u>
P 9						<u>84</u>	<u>1239</u>
P10						<u>87</u>	
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							