WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 2840

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

Elevation _____ Formation Mississippi Eff. Pay _____ Ft.

District Pratt Date 5-7-80 Customer Order No. _____

COMPANY NAME George R. Jones Jones

ADDRESS 125 N. Market Suite 1310 Wichita, Kansas 67202

LEASE AND WELL NO. Herndon #2 COUNTY Barber STATE Kans. Sec. 36 Twp. 30S Rge. 12W

Mail Invoice To Same Herndon #2 No. Copies Requested 2
Co. Name Address

Mail Charts To Same No. Copies Requested 2
Address

Formation Test No. 1 Interval Tested from 4284 ft. to 4304 ft. Total Depth 4304 ft.

Packer Depth 4279 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 4284 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) 4289 ft. Recorder Number 1564 Cap. 4300

Bottom Recorder Depth (Outside) 4292 ft. Recorder Number 3084 Cap. 4500

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

Drilling Contractor Gabbert & Jones Duke Rig #8 Drill Collar Length 203 I. D. 2.2 in.

Mud Type DRISPAC Viscosity 52 Weight Pipe Length — I. D. — in.

Weight 9.2 Water Loss 13.8 cc. Drill Pipe Length 4061 I. D. 3.8 in.

Chlorides 10,400 P.P.M. Test Tool Length 20' in. Tool Size 5 1/2 O.D. in.

Jars: Make NO Serial Number — Anchor Length 20' ft. Size 5 1/2 O.D. 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 FH in.

Blow: Very weak blow thru 1st open Strong blow 2nd open

Recovered 5 ft. of Drlg mud

Recovered 60 ft. of H O & G C mud

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

RECEIVED
MAY 9 - 1980

On Location 6:15 pm pick up tools 7:00 pm Lay dn @ 3:00 AM off @ 4:00 AM

Time Set Packer(s) 9:05 A.M. P.M. Time Started Off Bottom 1:05 A.M. P.M. Maximum Temperature 128°

Initial Hydrostatic Pressure			(A)	2199	P.S.I.	
Initial Flow Period	Minutes 30		(B)	54	P.S.I. to (C)	54 P.S.I.
Initial Closed In Period	Minutes 30		(D)	75	P.S.I.	
Final Flow Period	Minutes 90		(E)	54	P.S.I. to (F)	54 P.S.I.
Final Closed In Period	Minutes 90		(G)	2116	P.S.I.	
Final Hydrostatic Pressure			(H)	2026	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 Lee Poulsen
Signature of Customer or his authorized representative

Western Representative Ralph A. Mounts Roger Mounts
Thank You

FIELD INVOICE

Open Hole Test	$ 600.00
Misrun	$ _____
Straddle Test	$ _____
Jars	$ _____
Selective Zone	$ _____
Safety Joint	$ _____
Standby	$ _____
Evaluation	$ _____
Extra Packer	$ _____
Circ. Sub.	$ _____
Mileage 25 x 75¢	$ 18.75
Extra Charts	$ _____
TOTAL	$ 618.75

Pressure Data

Date 5-7-80 Test Ticket No. 2840

Recorder No. 1566 Capacity 4300 Location 4289 Ft.

Clock No. Elevation Well Temperature 128 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2182 P.S.I.		Open Tool	9:05 P M	
B	First Initial Flow Pressure	45 ~~52~~ P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	45 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	86 P.S.I.		Second Flow Pressure	90 Mins.	90 Mins.
E	Second Initial Flow Pressure	54 P.S.I.		Final Closed-in Pressure	90 Mins.	87 Mins.
F	Second Final Flow Pressure	45 P.S.I.				
G	Final Closed-in Pressure	215 P.S.I.				
H	Final Hydrostatic Mud	2046 P.S.I.				

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	~~50~~ ~~60~~ 45
P 2 5	~~48~~ 45
P 3 10	45
P 4 15	
P 5 20	
P 6 25	
P 7 30	45
P 8 35	
P 9 40	
P10 45	
P11 50	
P12 55	
P13 60	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	45
3	48
6	56
9	64
12	69
15	73
18	76
21	79
24	82
27	84
30	86
33	
36	
39	
42	
45	
48	
51	
54	
57	
60	

Second Flow Pressure
Breakdown: 18 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	54
5	50
10	48
15	48
20	47
25	45
30	43
35	44
40	45
45	45
50	
55	
60	
65	
70	
75	
80	
85	
90	45

Final Shut-In
Breakdown: 29 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	45
3	53
6	61
9	70
12	77
15	84
18	91
21	98
24	99
27	105
30	111
33	118
36	124
39	130
42	136
45	140
48	145
51	151
54	158
57	165
60	171

WTC - 4

cont

WESTERN TESTING CO., INC.

Pressure Data

Date _____ Test Ticket No. 2840

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.	Mi
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mi
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mi
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mi
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 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		63				63	177
P 2		66				66	183
P 3		69				69	189
P 4		72				72	194
P 5		75				75	199
P 6		78				78	203
P 7		81				81	207
P 8		84				84	211
P 9		87				87	215
P10		90				90	
P11		93				93	
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	

Company George R. Jones | Lease & Well No. Herndon #2

Elevation -- | Formation Mississippi | Effective Pay ---- Ft. | Ticket No. 2840

Date 5/7/80 | Sec. 36 | Twp. 30S | Range 12W | County Barber | State Kansas

Test Approved by Lee Poulsen | Western Representative Roger Mounts

Formation Test No. 1 | Interval Tested from 4284 ft. to 4304 ft. | Total Depth 4304 ft.

Packer Depth 4279 ft. | Size 6 3/4 in. | Packer Depth - ft. | Size - in.

Packer Depth 4284 ft. | Size 6 3/4 in. | Packer Depth - ft. | Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4289 ft. | Recorder Number 1566 | Cap. 4300

Bottom Recorder Depth (Outside) 4292 ft. | Recorder Number 3086 | Cap. 4500

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

Drilling Contractor Gabbert & Jones Drlg. Rig #8 | Drill Collar Length 203 | I. D. 2.2 in.

Mud Type drispac | Viscosity 52 | Weight Pipe Length - | I. D. - in.

Weight 9.2 | Water Loss 13.8 cc. | Drill Pipe Length 4061 | I. D. 3.8 in.

Chlorides 15,000 P.P.M. | Test Tool Length 20 ft. | Tool Size 5½OD in.

Jars: Make - | Serial Number - | Anchor Length 20 ft. | Size 5½OD 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 4½FH in.

Blow: Very weak blow throughout first opening. Strong blow second opening.

Recovered 5 ft. of drilling mud

Recovered 60 ft. of heavy oil and gas cut mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 9:05 ~~A.M.~~ P.M. | Time Started Off Bottom 1:05 A.M. ~~P.M.~~ | Maximum Temperature 128°

Initial Hydrostatic Pressure			(A) 2182	P.S.I.		
Initial Flow Period	Minutes 30	(B) 45	P.S.I. to	(C) 45	P.S.I.	
Initial Closed In Period	Minutes 30	(D) 86	P.S.I.			
Final Flow Period	Minutes 90	(E) 54	P.S.I. to	(F) 45	P.S.I.	
Final Closed In Period	Minutes 87	(G) 215	P.S.I.			
Final Hydrostatic Pressure		(H) 2046	P.S.I.			

WESTERN TESTING CO., INC.
Pressure Data

Date 5-7-80 Test Ticket No. 2840

Recorder No. 1566 Capacity 4300 Location 4289 Ft.

Clock No. --- Elevation ------ Well Temperature 128 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2182	P.S.I.	Open Tool	9:05 P. M.	
B	First Initial Flow Pressure	45	P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	45	P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	86	P.S.I.	Second Flow Pressure	90 Mins.	90 Mins.
E	Second Initial Flow Pressure	54	P.S.I.	Final Closed-in Pressure	90 Mins.	87 Mins.
F	Second Final Flow Pressure	45	P.S.I.			
G	Final Closed-in Pressure	215	P.S.I.			
H	Final Hydrostatic Mud	2046	P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	45
P 2 5	45
P 3 10	45
P 4 15	45
P 5 20	45
P 6 25	45
P 7 30	45
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	45
3	48
6	56
9	64
12	69
15	73
18	76
21	79
24	83
27	84
30	86

Second Flow Pressure
Breakdown: 18 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	54
5	50
10	48
15	48
20	47
25	45
30	43
35	44
40	45
45	45
50	45
55	45
60	45
65	45
70	45
75	45
80	45
85	45
90	45

Final Shut-In
Breakdown: 29 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	45
3	53
6	61
9	70
12	77
15	84
18	91
21	98
24	99
27	105
30	111
33	118
36	124
39	130
42	136
45	140
48	145
51	151
54	158
57	165
60	171

Continued on next page

WESTERN TESTING CO., INC.
Pressure Data

Date 5-7-80 Test Ticket No. 2840

Recorder No. 1566 Capacity 4300 Location 4289 Ft.

Clock No. --- Elevation ------ Well Temperature 128 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2182 P.S.I.		Open Tool	9:05 P. M	
B	First Initial Flow Pressure	45 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	45 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	86 P.S.I.		Second Flow Pressure	90 Mins.	90 Mins.
E	Second Initial Flow Pressure	54 P.S.I.		Final Closed-in Pressure	90 Mins.	87 Mins.
F	Second Final Flow Pressure	45 P.S.I.				
G	Final Closed-in Pressure	215 P.S.I.				
H	Final Hydrostatic Mud	2046 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: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 18 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						63	177
P 2						66	183
P 3						69	189
P 4						72	194
P 5						75	199
P 6						78	203
P 7						81	207
P 8						84	211
P 9						87	215
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

1562

IKL #2840
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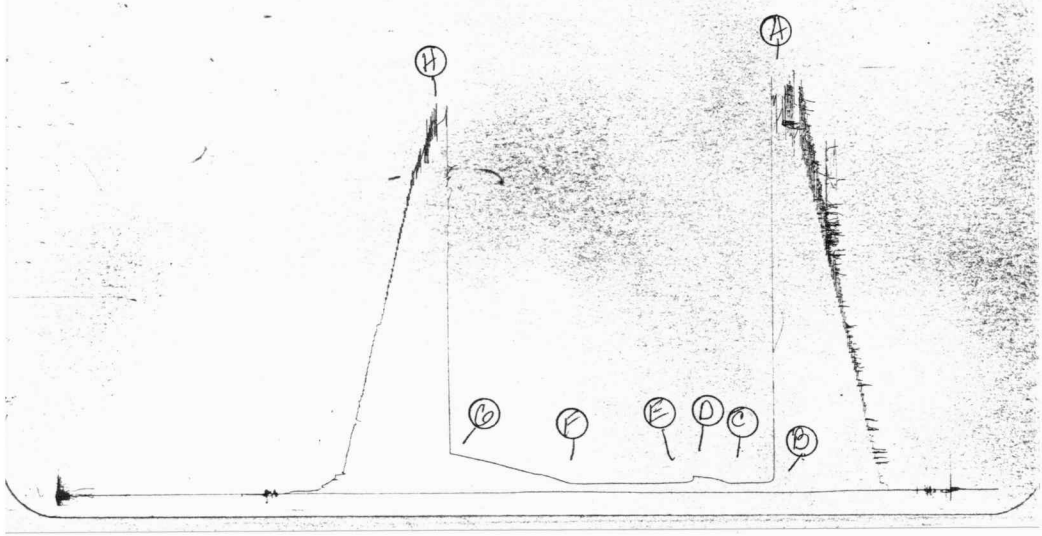

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 2841

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

Elevation _____ Formation Mississippi Eff. Pay _____ Ft.

District Pratt Date 5-8-80 Customer Order No. _____

COMPANY NAME George R. Jones ~~Production~~

ADDRESS 125 N. Market, Suite 1310, Wichita, Kansas 67202

LEASE AND WELL NO. Herndon #2 COUNTY Barber STATE Kans Sec. 36 Twp. 30S Rge. 12W

Mail Invoice To Same (Co. Name) Address _____ No. Copies Requested Req

Mail Charts To Same Address _____ No. Copies Requested Req

Formation Test No. 2 Interval Tested from 4284 ft. to 4314 ft. Total Depth 4314 ft.

Packer Depth 4279 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 4284 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4289 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4292 ft. Recorder Number 3086 Cap. 4500

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

Drilling Contractor Gabbert & Jones Rig #8 Drill Collar Length 258 I. D. 2.2 in.

Mud Type DRISPAC Viscosity 66 Weight Pipe Length — I. D. — in.

Weight 9.2 Water Loss 14.4 cc. Drill Pipe Length 4606' I. D. 3.8 in.

Chlorides 16,000 P.P.M. Test Tool Length 20' in. Tool Size 5 1/2 O.D. in.

Jars: Make NO Serial Number — Anchor Length 30' ft. Size 5 1/2 O.D. 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 FH in.

Blow: Weak blow thru 1st & 2nd opening

Recovered 50' ft. of SGC mud

Recovered 60 ft. of HGEOC mud

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

RECEIVED MAY 10 1980

On Location @ 10:00 AM pick up tool @ 1:30 pm Lay dn @ 9:30 OFF @ 10:30

Time Set Packer(s) 3:17 P.M. Time Started Off Bottom 7:17 P.M. Maximum Temperature 122° F

Initial Hydrostatic Pressure		(A)	2080	P.S.I.		
Initial Flow Period	Minutes 30	(B)	64	P.S.I. to (C)	64	P.S.I.
Initial Closed In Period	Minutes 30	(D)	75	P.S.I.		
Final Flow Period	Minutes 90	(E)	64	P.S.I. to (F)	75	P.S.I.
Final Closed In Period	Minutes 90	(G)	118	P.S.I.		
Final Hydrostatic Pressure		(H)	2047	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 Lee Poulsen
Signature of Customer or his authorized representative

Western Representative Roger A. Martz

Thank You

FIELD INVOICE

Open Hole Test	$ 600.00
Misrun	$ _____
Straddle Test	$ _____
Jars	$ _____
Selective Zone	$ _____
Safety Joint	$ _____
Standby	$ _____
Evaluation	$ _____
Extra Packer	$ _____
Circ. Sub.	$ _____
Mileage 25 x 2	$ 18.75
Extra Charts	$ _____
TOTAL	$ 618.75

Pressure Data

Date 5-8-80 Test Ticket No. 2841

Recorder No. 1566 Capacity 4300 Location 4314 Ft.

Clock No. Elevation Well Temperature 122 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2069 P.S.I.		Open Tool	3:17 P.M	
B	First Initial Flow Pressure	63 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	48 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	70 P.S.I.		Second Flow Pressure	90 Mins.	90 Mins.
E	Second Initial Flow Pressure	58 P.S.I.		Final Closed-in Pressure	90 Mins.	87 Mins.
F	Second Final Flow Pressure	64 P.S.I.				
G	Final Closed-in Pressure	104 P.S.I.				
H	Final Hydrostatic Mud	2054 P.S.I.				

PRESSURE BREAKDOWN

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

Point	Mins.	Press.
P 1	0	63
P 2	5	54
P 3	10	52
P 4	15	48
P 5	20	48
P 6	25	48
P 7	30	48
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	48
3	51
6	54
9	56
12	58
15	60
18	62
21	64
24	66
27	68
30	70
33	
36	
39	
42	
45	
48	
51	
54	
57	
60	

Second Flow Pressure
Breakdown: 18 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	58
5	
10	
15	
20	58
25	59
30	60
35	60
40	61
45	61
50	62
55	62
60	63
65	63
70	63
75	63
80	64
85	64
90	64

Final Shut-In
Breakdown: 29 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	64
3	64
6	65
9	65
12	66
15	66
18	68
21	70
24	72
27	74
30	76
33	78
36	80
39	82
42	83
45	84
48	85
51	87
54	89
57	91
60	93

Cont

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WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 2841

Recorder No. _____ Capacity _____ Location _____ F

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		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
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		63				63	95
P 2		66				66	96
P 3		69				69	97
P 4		72				72	98
P 5		75				75	99
P 6		78				78	100
P 7		81				81	102
P 8		84				84	103
P 9		87				87	104
P10		90				90	
P11		93				93	
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	

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Company George R. Jones Lease & Well No. Herndon #2

Elevation -- Formation Mississippi Effective Pay ---- Ft. Ticket No. 2841

Date 5/8/80 Sec. 36 Twp. 30S Range 12W County Barber State Kansas

Test Approved by Lee Poulsen Western Representative Roger A. Mounts

Formation Test No. 2 Interval Tested from 4284 ft. to 4314 ft. Total Depth 4314 ft.

Packer Depth 4279 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4289 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4292 ft. Recorder Number 3086 Cap. 4500

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

Drilling Contractor Gabbert-Jones Rig #8 Drill Collar Length 258 I. D. 2.2 in.

Mud Type drispac Viscosity 66 Weight Pipe Length - I. D. - in.

Weight 9.2 Water Loss 14.4 cc. Drill Pipe Length 4006 I. D. 3.8 in.

Chlorides 16,000 P.P.M. Test Tool Length 20 ft. Tool Size 5½OD in.

Jars: Make No Serial Number - Anchor Length 30 ft. Size 5½OD 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 4½FH in.

Blow: Weak blow throughout first and second opening.

Recovered 50 ft. of slightly gas cut mud

Recovered 60 ft. of heavy gas and oil cut mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 3:17 ~~A.M.~~ P.M. Time Started Off Bottom 7:17 A.M. P.M. Maximum Temperature 122°

Initial Hydrostatic Pressure ..... (A) 2069 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 63 P.S.I. to (C) 48 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 70 P.S.I.

Final Flow Period ..... Minutes 90 (E) 58 P.S.I. to (F) 64 P.S.I.

Final Closed In Period ..... Minutes 87 (G) 104 P.S.I.

Final Hydrostatic Pressure ..... (H) 2054 P.S.I.

WTC

WESTERN TESTING CO., INC.

Pressure Data

Date 5.8.80 Test Ticket No. 2841

Recorder No. 1566 Capacity 4300 Location 4314 Ft.

Clock No. - Elevation - Well Temperature 122 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2069 P.S.I.		Open Tool	3:17P M	
B	First Initial Flow Pressure	63 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	48 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	70 P.S.I.		Second Flow Pressure	90 Mins.	90 Mins.
E	Second Initial Flow Pressure	58 P.S.I.		Final Closed-in Pressure	90 Mins.	87 Mins.
F	Second Final Flow Pressure	64 P.S.I.				
G	Final Closed-in Pressure	104 P.S.I.				
H	Final Hydrostatic Mud	2054 P.S.I.				

PRESSURE BREAKDOWN

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

Point	Mins.	Press.
P 1	0	63
P 2	5	54
P 3	10	52
P 4	15	48
P 5	20	48
P 6	25	48
P 7	30	48
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point	Minutes	Press.
	0	48
	3	51
	6	54
	9	56
	12	58
	15	60
	18	62
	21	64
	24	66
	27	68
	30	70

Second Flow Pressure
Breakdown: 18 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point	Minutes	Press.
	0	58
	5	58
	10	58
	15	58
	20	58
	25	59
	30	60
	35	60
	40	61
	45	61
	50	62
	55	62
	60	63
	65	63
	70	63
	75	63
	80	64
	85	64
	90	64

Final Shut-In
Breakdown: 29 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point	Minutes	Press.
	0	64
	3	64
	6	65
	9	65
	12	66
	15	66
	18	68
	21	70
	24	72
	27	74
	30	76
	33	78
	36	80
	39	82
	42	83
	45	84
	48	85
	51	87
	54	89
	57	91
	60	92

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WESTERN TESTING CO., INC.
Pressure Data

Date 5.8.80 Test Ticket No. 2841

Recorder No. 1566 Capacity 4300 Location 4314 Ft.

Clock No. - Elevation - Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2069 P.S.I.	Open Tool	3:17P M	
B First Initial Flow Pressure	63 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	48 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	70 P.S.I.	Second Flow Pressure	90 Mins.	90 Mins.
E Second Initial Flow Pressure	58 P.S.I.	Final Closed-in Pressure	90 Mins.	87 Mins.
F Second Final Flow Pressure	64 P.S.I.			
G Final Closed-in Pressure	104 P.S.I.			
H Final Hydrostatic Mud	2054 P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1	
P 2	
P 3	
P 4	
P 5	
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.

Second Flow Pressure
Breakdown: 18 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.

Final Shut-In
Breakdown: 29 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
63	95
66	96
69	97
72	98
75	99
78	100
81	102
84	103
87	104

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