Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Big "J" Production Company Lease & Well No. Debusk "A" #3

Elevation 2018 Kelly Bushing Formation Lansing-Kansas City Effective Pay - Ft. Ticket No. 9175

Date 1/30/81 Sec. 24 Twp. 24S Range 15W County Stafford State Kansas

Test Approved by Casy F Galloway Western Representative Rodger A Mounts

Formation Test No. 1 Interval Tested from 3811 ft. to 3831 ft. Total Depth 3831 ft.

Packer Depth 3806 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 3811 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3821 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 3831 ft. Recorder Number 3086 Cap. 4500

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

Drilling Contractor Discovery Drilling Rig #1 Drill Collar Length 186 I. D. 2.2 in.

Mud Type Starch Viscosity 46 Weight Pipe Length - I. D. - in.

Weight 9.7 Water Loss 10.4 cc. Drill Pipe Length 3604 I. D. 3.2 in.

Chlorides 45,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½OD in.

Jars: Make No Serial Number - Anchor Length 20 ft. Size 5½OD 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: Weak slowly buidling throughout test

Recovered 20 ft. of water cut mud

Recovered 60 ft. of muddy water

Recovered 180 ft. of salt water Chlorides 62,000 PPM

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 10:20 A.M. P.M. Time Started Off Bottom 1:06 A.M. P.M. Maximum Temperature 102

Initial Hydrostatic Pressure			(A)	2015	P.S.I.	
Initial Flow Period	Minutes 20	(B)	48	P.S.I. to (C)	76	P.S.I.
Initial Closed In Period	Minutes 45	(D)	1230	P.S.I.		
Final Flow Period	Minutes 60	(E)	112	P.S.I. to (F)	158	P.S.I.
Final Closed In Period	Minutes 45	(G)	1211	P.S.I.		
Final Hydrostatic Pressure			(H)	2004	P.S.I.	

WESTERN TESTING CO., INC.

Pressure Data

Date 1/30/81 Test Ticket No. 9175

Recorder No. 1566 Capacity 4300 Location 3821 Ft.

Clock No. - Elevation 2018 Kelly Bushing Well Temperature 102 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	2015 P.S.I.	Open Tool	10:20P M	
B First Initial Flow Pressure	48 P.S.I.	First Flow Pressure	15 Mins.	20 Mins.
C First Final Flow Pressure	76 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1230 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	112 P.S.I.	Final Closed-in Pressure	45 Mins.	45 Mins.
F Second Final Flow Pressure	158 P.S.I.			
G Final Closed-in Pressure	1211 P.S.I.			
H Final Hydrostatic Mud	2004 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 4 Inc.		Breakdown: 15 Inc.		Breakdown: 12 Inc.		Breakdown: 15 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 0	48	0	76	0	112	0	158
P 2 5	48	3	1036	5	110	3	731
P 3 10	63	6	1137	10	110	6	1064
P 4 15	69	9	1171	15	113	9	1124
P 5 20	76	12	1188	20	117	12	1152
P 6		15	1201	25	121	15	1165
P 7		18	1208	30	127	18	1175
P 8		21	1212	35	132	21	1184
P 9		24	1216	40	138	24	1190
P10		27	1220	45	143	27	1195
P11		30	1223	50	149	30	1197
P12		33	1225	55	153	33	1200
P13		36	1227	60	158	36	1204
P14		39	1228			39	1205
P15		42	1229			42	1209
P16		45	1230			45	1211
P17							
P18							
P19							
P20							

'66

JH #9175

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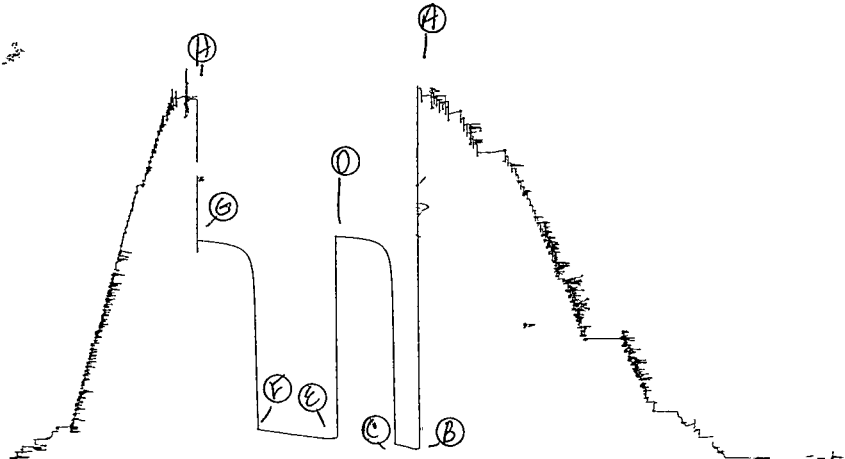

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Jet # 9175

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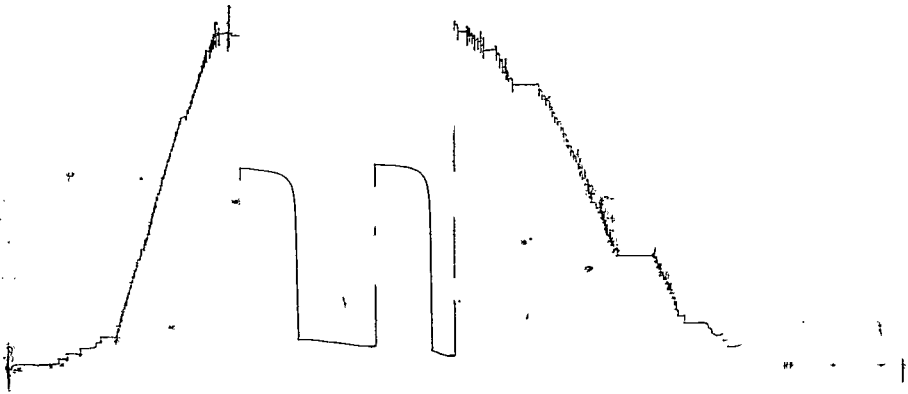

WESTERN TESTERS

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company Big "J" Production Company Lease & Well No. Debusk "A" #3

Elevation 2018 Kelly Bushing Formation Lansing-Kansas City Effective Pay - Ft. Ticket No. 9251

Date 2/1/81 Sec. 24 Twp. 24S Range 15W County Stafford State Kansas

Test Approved by Casy F Galloway Western Representative Rodger A Mounts

Formation Test No. 2 Interval Tested from 3904 ft. to 3981 ft. Total Depth 3981 ft.

Packer Depth 3899 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 3904 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3914 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 3981 ft. Recorder Number 3086 Cap. 4500

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

Drilling Contractor Discovery Drilling Rig #1 Drill Collar Length 182 I. D. 2.2 in.

Mud Type Starch Viscosity 44 Weight Pipe Length - I. D. - in.

Weight 9.7 Water Loss 10.4 cc. Drill Pipe Length 3601 I. D. 3.2 in.

Chlorides 40,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½OD in.

Jars: Make No Serial Number - Anchor Length 77 ft. Size 5½OD 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: Weak with blow building throughout test.

Recovered 435 ft. of salt water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 11:57 A.M. ~~P.M.~~ Time Started Off Bottom 2:42 ~~A.M.~~ P.M. Maximum Temperature 116

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

Initial Flow Period Minutes 15 (B) 71 P.S.I. to (C) 78 P.S.I.

Initial Closed In Period Minutes 45 (D) 1295 P.S.I.

Final Flow Period Minutes 60 (E) 119 P.S.I. to (F) 246 P.S.I.

Final Closed In Period Minutes 45 (G) 1243 P.S.I.

Final Hydrostatic Pressure (H) 2069 P.S.I.

WTC-1

WESTERN TESTING CO., INC.

Pressure Data

Date 2/1/81 Test Ticket No. 9251

Recorder No. 1566 Capacity 4300 Location 3914 Ft.

Clock No. - Elevation 2018 Kelly Bushing Well Temperature 116 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2069	P.S.I.
B	First Initial Flow Pressure	71	P.S.I.
C	First Final Flow Pressure	78	P.S.I.
D	Initial Closed-in Pressure	1295	P.S.I.
E	Second Initial Flow Pressure	119	P.S.I.
F	Second Final Flow Pressure	246	P.S.I.
G	Final Closed-in Pressure	1243	P.S.I.
H	Final Hydrostatic Mud	2069	P.S.I.

	Time Given	Time Computed
Open Tool	11:57A M	
First Flow Pressure	15 Mins.	15 Mins.
Initial Closed-in Pressure	45 Mins.	45 Mins.
Second Flow Pressure	60 Mins.	60 Mins.
Final Closed-in Pressure	45 Mins.	45 Mins.

*Pressures questionable due to plugging action.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 3 Inc. of 5 mins. and a final inc. of 0 Min.

Point Mins.	Press.
P 1 0	71
P 2 5	67
P 3 10	70
P 4 15	78
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: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	78
3	901
6	1058
9	1135
12	1178
15	1210
18	1231
21	1246
24	1257
27	1266
30	1274
33	1281
36	1286
39	1289
42	1291
45	1295

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

Point Minutes	Press.
0	119
5	117
10	118
15	119
20	123
25	126
30	132
35	147*
40	222*
45	238*
50	244
55	246
60	246

Final Shut-In
Breakdown: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	246
3	843
6	1002
9	1066
12	1113
15	1141
18	1165
21	1180
24	1195
27	1205
30	1214
33	1223
36	1227
39	1233
42	1238
45	1243

1566

Jkt #9251

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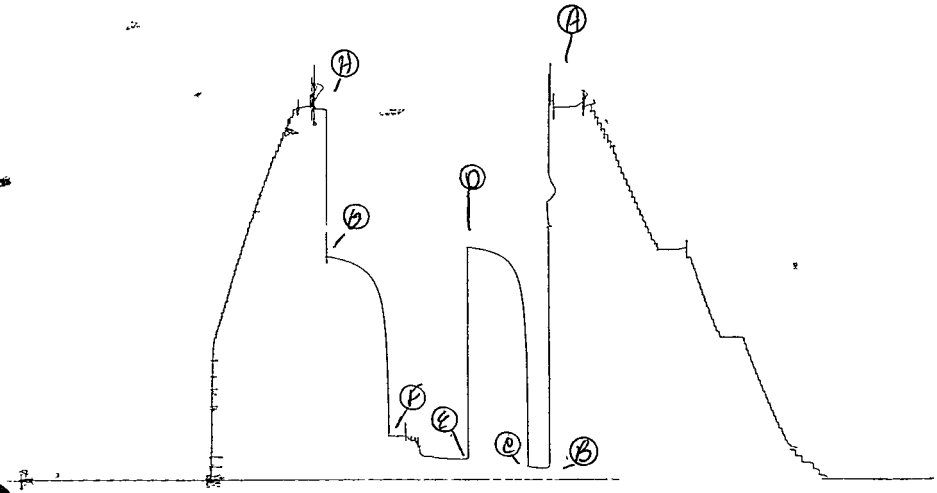

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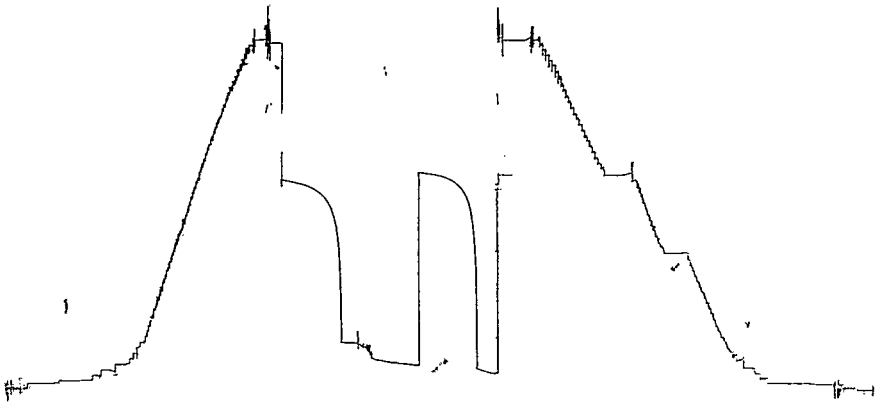

WESTERN

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company Big "J" Production Company Lease & Well No. Debusk "A" #3

Elevation 2018 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 9252

Date 2/2/81 Sec. 24 Twp. 24S Range 15W County Stafford State Kansas

Test Approved by James E. Gribi Western Representative Rodger A. Mounts

Formation Test No. 3 Interval Tested from 4046 ft. to 4104 ft. Total Depth 4104 ft.

Packer Depth 4041 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4046 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4056 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4104 ft. Recorder Number 3086 Cap. 4500

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

Drilling Contractor Discovery Drilling Rig #1 Drill Collar Length 244 I. D. 2.2 in.

Mud Type Starch Viscosity 42 Weight Pipe Length - I. D. - in.

Weight 9.7 Water Loss 10.8 cc. Drill Pipe Length 3781 I. D. 3.2 in.

Chlorides 36,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½OD in.

Jars: Make No Serial Number - Anchor Length 58 ft. Size 5½OD 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: Weak died in 6 minutes initial flow period.

Recovered 90 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 3:53 A.M. ~~P.M.~~ Time Started Off Bottom 5:53 ~~A.M.~~ P.M. Maximum Temperature 108

Initial Hydrostatic Pressure ..... (A) 2182 P.S.I.

Initial Flow Period ..... Minutes 20 (B) 43 P.S.I. to (C) 39 P.S.I.

Initial Closed In Period ..... Minutes 39 (D) 222 P.S.I.

Final Flow Period ..... Minutes 15 (E) 58 P.S.I. to (F) 50 P.S.I.

Final Closed In Period ..... Minutes 42 (G) 69 P.S.I.

Final Hydrostatic Pressure ..... (H) 2171 P.S.I.

WTC-1

WESTERN TESTING CO., INC.
Pressure Data

Date 2/2/81 Test Ticket No. 9252

Recorder No. 1566 Capacity 4300 Location 4056 Ft.

Clock No. - Elevation 2018 Kelly Bushing Well Temperature 108 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2182 P.S.I.	Open Tool	3:53A M	
B First Initial Flow Pressure	43 P.S.I.	First Flow Pressure	15 Mins.	20 Mins.
C First Final Flow Pressure	39 P.S.I.	Initial Closed-in Pressure	45 Mins.	39 Mins.
D Initial Closed-in Pressure	222 P.S.I.	Second Flow Pressure	15 Mins.	15 Mins.
E Second Initial Flow Pressure	58 P.S.I.	Final Closed-in Pressure	45 Mins.	42 Mins.
F Second Final Flow Pressure	50 P.S.I.			
G Final Closed-in Pressure	69 P.S.I.			
H Final Hydrostatic Mud	2171 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 4 Inc. of 5 mins. and a final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	43
P 2	5	41
P 3	10	39
P 4	15	39
P 5	20	39
P 6		
P 7		
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 13 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	39
	3	58
	6	86
	9	106
	12	121
	15	132
	18	145
	21	158
	24	171
	27	181
	30	190
	33	205
	36	214
	39	222

Second Flow Pressure
Breakdown: 3 Inc. of 5 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	58
	5	50
	10	50
	15	50

Final Shut-In
Breakdown: 14 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	50
	3	49
	6	50
	9	51
	12	51
	15	52
	18	54
	21	56
	24	58
	27	60
	30	62
	33	64
	36	66
	39	68
	42	69

Jkt #9252

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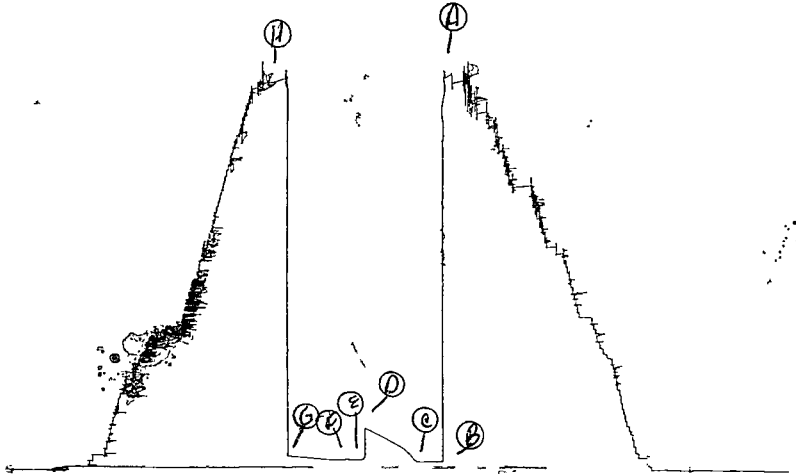

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Jft # 9252

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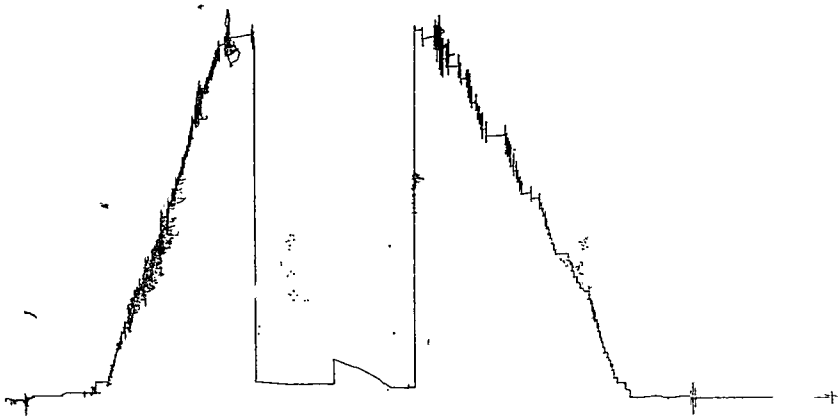

WESTERN TESTERS

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company Big "J" Production Company Lease & Well No. Debusk "A" #3

Elevation 2018 Kelly Bushing Formation Kinderhook Effective Pay - Ft. Ticket No. 9253

Date 2/4/81 Sec. 24 Twp. 24S Range 15W County Stafford State Kansas

Test Approved by James E. Gribi Western Representative Rodger A. Mounts

Formation Test No. 4 Interval Tested from 4102 ft. to 4156 ft. Total Depth 4156 ft.

Packer Depth 4097 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4102 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4112 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4156 ft. Recorder Number 3086 Cap. 4500

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

Drilling Contractor Discovery Drilling Rig #1 Drill Collar Length 182 I. D. 2.2 in.

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

Weight 9.9 Water Loss 16.2 cc. Drill Pipe Length 3899 I. D. 3.2 in.

Chlorides 46,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½OD in.

Jars: Make No Serial Number - Anchor Length 54 ft. Size 5½OD 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: Weak blow with little build initial flow period. No blow in test dead final flow period.

Recovered 130 ft. of muddy salt water Chlorides 132,000 PPM

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 6:29 ~~A.M. P.M.~~ Time Started Off Bottom 8:29 ~~A.M. P.M.~~ Maximum Temperature 109

Initial Hydrostatic Pressure			(A) 2180	P.S.I.		
Initial Flow Period	Minutes 15	(B) 63	P.S.I. to	(C) 95	P.S.I.	
Initial Closed In Period	Minutes 45	(D) 665	P.S.I.			
Final Flow Period	Minutes 15	(E) 114	P.S.I. to	(F) 108	P.S.I.	
Final Closed In Period	Minutes 45	(G) 171	P.S.I.			
Final Hydrostatic Pressure			(H) 2161	P.S.I.		

WTC-1

WESTERN TESTING CO., INC.
Pressure Data

Date 2/4/81 Test Ticket No. 9253

Recorder No. 1566 Capacity 4300 Location 4112 Ft.

Clock No. - Elevation 2018 Kelly Bushing Well Temperature 109 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	2180 P.S.I.	Open Tool	6:29A M	
B First Initial Flow Pressure	63 P.S.I.	First Flow Pressure	15 Mins.	15 Mins.
C First Final Flow Pressure	95 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	665 P.S.I.	Second Flow Pressure	15 Mins.	15 Mins.
E Second Initial Flow Pressure	114 P.S.I.	Final Closed-in Pressure	45 Mins.	45 Mins.
F Second Final Flow Pressure	108 P.S.I.			
G Final Closed-in Pressure	171 P.S.I.			
H Final Hydrostatic Mud	2161 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 3 Inc. of 5 mins. and a final inc. of 0 Min.

Point Mins.	Press.
P 1 0	63
P 2 5	60
P 3 10	Plugged
P 4 15	Plugged
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: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	95
3	257
6	320
9	370
12	413
15	448
18	478
21	502
24	532
27	556
30	577
33	596
36	616
39	635
42	652
45	665

Second Flow Pressure
Breakdown: 3 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	114
5	108
10	108
15	108

Final Shut-In
Breakdown: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	108
3	108
6	112
9	116
12	121
15	125
18	132
21	136
24	140
27	145
30	149
33	156
36	159
39	165
42	168
45	171

1566

JK # 9253

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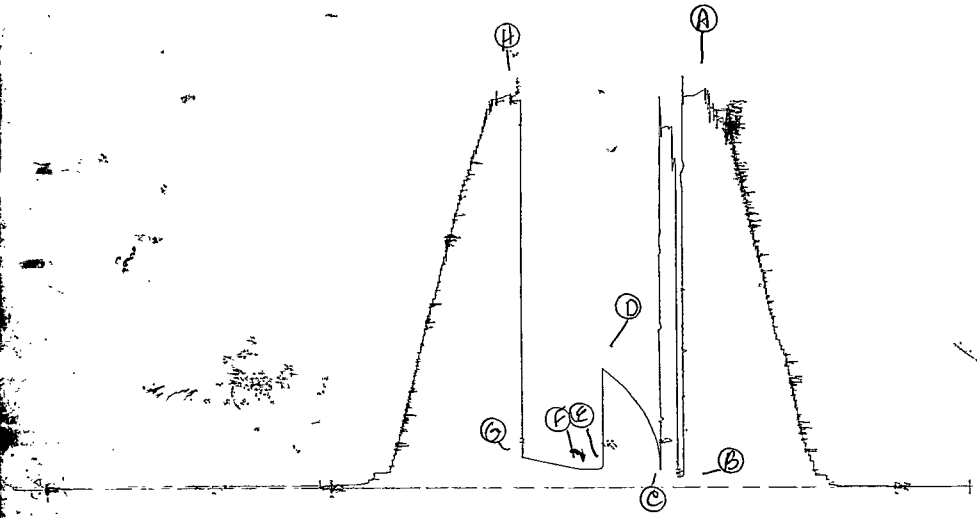

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JG # 9253

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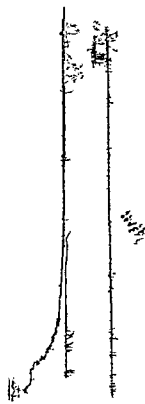

WESTERN TESTERS

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company Big "J" Production Company Lease & Well No. Debusk "A" #3

Elevation 2018 Kelly Bushing Formation Viola Effective Pay - Ft. Ticket No. 9254

Date 2/5/81 Sec. 24 Twp. 24S Range 15W County Stafford State Kansas

Test Approved by James E. Gribi Western Representative Rodger A. Mounts

Formation Test No. 5 Interval Tested from 4200 ft. to 4215 ft. Total Depth 4215 ft.

Packer Depth 4195 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4200 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4206 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4215 ft. Recorder Number 3086 Cap. 4500

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

Drilling Contractor Discovery Drilling Rig #1 Drill Collar Length 182 I. D. 2.2 in.

Mud Type Starch Viscosity 40 Weight Pipe Length - I. D. - in.

Weight 9.7 Water Loss 9.2 cc. Drill Pipe Length 3997 I. D. 3.2 in.

Chlorides 35,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½OD in.

Jars: Make No Serial Number - Anchor Length 15 ft. Size 5½OD 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: Weak blow initial flow period. Weak - died in 5 minutes final flow period.

Recovered 165 ft. of water cut drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 6:11 A.M. ~~P.M.~~ Time Started Off Bottom 8:11 A.M. ~~P.M.~~ Maximum Temperature 112

Initial Hydrostatic Pressure			(A) 2254	P.S.I.		
Initial Flow Period	Minutes 15	(B) Plugged	P.S.I. to	(C) 147*	P.S.I.	
Initial Closed In Period	Minutes 45	(D) 1504	P.S.I.			
Final Flow Period	Minutes 15	(E) 151*	P.S.I. to	(F) 173*	P.S.I.	
Final Closed In Period	Minutes 45	(G) 912	P.S.I.			
Final Hydrostatic Pressure		(H) 2243	P.S.I.			

WTC-1

WESTERN TESTING CO., INC.
Pressure Data

Date 2/5/81 Test Ticket No. 9254

Recorder No. 1566 Capacity 4300 Location 4206 Ft.

Clock No. - Elevation 2018 Kelly Bushing Well Temperature 112 °F

Point	Pressure		Time Given		Time Computed	
A Initial Hydrostatic Mud	2254	P.S.I.	Open Tool	6:11A	M	
B First Initial Flow Pressure	Plugged	P.S.I.	First Flow Pressure	15	Mins.	15 Mins.
C First Final Flow Pressure	147*	P.S.I.	Initial Closed-in Pressure	45	Mins.	45 Mins.
D Initial Closed-in Pressure	1504	P.S.I.	Second Flow Pressure	15	Mins.	15 Mins.
E Second Initial Flow Pressure	151*	P.S.I.	Final Closed-in Pressure	45	Mins.	45 Mins.
F Second Final Flow Pressure	173*	P.S.I.				
G Final Closed-in Pressure	912	P.S.I.				
H Final Hydrostatic Mud	2243	P.S.I.				

*Pressures questionable due to plugging action.

#Pressures questionable due to plugging of the flow period.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 3 Inc.		Breakdown: 15 Inc.		Breakdown: 3 Inc.		Breakdown: 15 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 0	Plugged	0	147*	0	151*	0	173*
P 2 5	127*	3	1255#	5	175*	3	605#
P 3 10	145*	6	1274#	10	162*	6	618#
P 4 15	147*	9	1298#	15	173*	9	650#
P 5		12	1317#			12	686#
P 6		15	1403			15	716#
P 7		18	1412			18	755#
P 8		21	1425			21	776#
P 9		24	1438			24	796#
P10		27	1446			27	826#
P11		30	1459			30	845
P12		33	1470			33	860
P13		36	1481			36	873
P14		39	1489			39	888
P15		42	1498			42	901
P16		45	1504			45	912
P17							
P18							
P19							
P20							

JH # 9254

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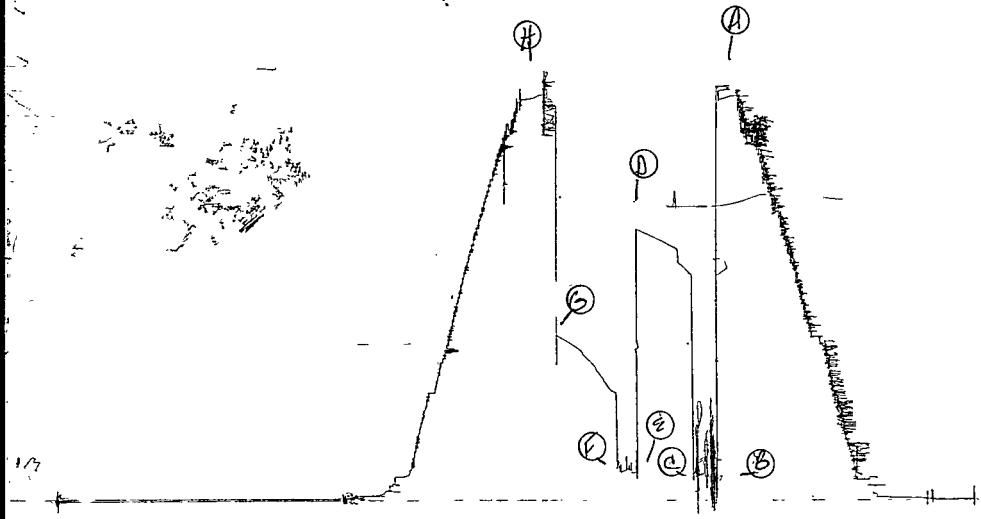

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757887

WESTERN TESTERS

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company Big "J" Production Company Lease & Well No. Debusk "A"#3

Elevation 2018 Kelly Bushing Formation Arbuckle Effective Pay -- Ft. Ticket No. 9255

Date 2/7/81 Sec. 24 Twp. 24S Range 14W County Stafford State Kansas

Test Approved by James E. Gribi Western Representative Roger A.Mounts-Mark Auzat

Formation Test No. 6 Interval Tested from 4391 ft. to 4440 ft. Total Depth 4440 ft.

Packer Depth 4386 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 4391 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4398 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 4440 ft. Recorder Number 3086 Cap. 4500

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

Drilling Contractor Discovery Drilling Rig #1 Drill Collar Length 151 I. D. 2.2 in.

Mud Type starch Viscosity 47 Weight Pipe Length - I. D. - in.

Weight 9.7 Water Loss 9.2 cc. Drill Pipe Length 4219 I. D. 3.2 in.

Chlorides 38,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½OD in.

Jars: Make NO Serial Number - Anchor Length 49 ft. Size 5½OD 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: Weak with slight build on initial flow period. Same blow with increasing build on final flow period.

Recovered 1400 ft. of sulfated salt water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Table lock broke Initial flow period. Six inches long.

Time Set Packer(s) 5:17 A.M. ~~P.M.~~ Time Started Off Bottom 8:08 A.M. ~~P.M.~~ Maximum Temperature 122°

Initial Hydrostatic Pressure			(A)	2319	P.S.I.	
Initial Flow Period	Minutes 20	(B)	77 *	P.S.I. to (C)	265	P.S.I.
Initial Closed In Period	Minutes 45	(D)	1505	P.S.I.		
Final Flow Period	Minutes 60	(E)	270	P.S.I. to (F)	695	P.S.I.
Final Closed In Period	Minutes 45	(G)	1508	P.S.I.		
Final Hydrostatic Pressure		(H)	2319	P.S.I.		

WTC-1

WESTERN TESTING CO., INC.
Pressure Data

Date 2-7-81 Test Ticket No. 9255

Recorder No. 1566 Capacity 4300 Location 4398 Ft.

Clock No. ----- Elevation 2018 Kelly Bushing Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2319 P.S.I.	Open Tool	5:17 A M	
B First Initial Flow Pressure	77 * P.S.I.	First Flow Pressure	21 Mins.	20 Mins.
C First Final Flow Pressure	265 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1505 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	270 P.S.I.	Final Closed-in Pressure	45 Mins.	45 Mins.
F Second Final Flow Pressure	695 P.S.I.			
G Final Closed-in Pressure	1508 P.S.I.			
H Final Hydrostatic Mud	2319 P.S.I.			

* Pressures questionable due to plugging action.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 4 Inc. of 5 mins. and a final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	77 *
P 2	5	138 *
P 3	10	198 *
P 4	15	228 *
P 5	20	265
P 6		
P 7		
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	265
3	1487
6	1500
9	1503
12	1504
15	1505
18	1505
21	1505
24	1505
27	1505
30	1505
33	1505
36	1505
39	1505
42	1505
45	1505

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

Point Minutes	Press.
0	270
5	305
10	352
15	398
20	433
25	474
30	504
35	539
40	573
45	607
50	641
55	675
60	695

Final Shut-In
Breakdown: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	695
3	1498
6	1504
9	1508
12	1508
15	1508
18	1508
21	1508
24	1508
27	1508
30	1508
33	1508
36	1508
39	1508
42	1508
45	1508

1566

JH # 9255

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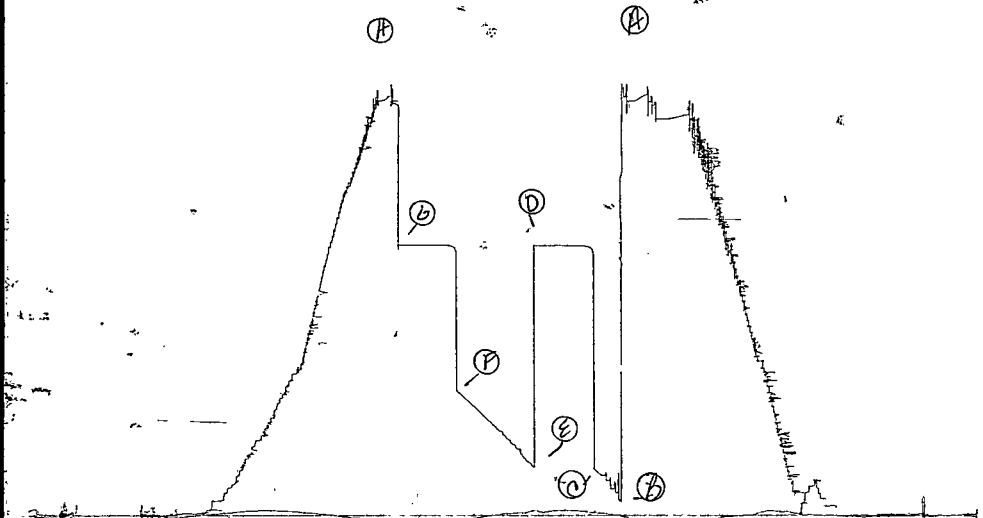

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JH # 9255

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