WESTERN

P. O. BOX 793 PHONE 793-7903
GREAT BEND, KANSAS

WESTERN TESTING CO., INC.
FORMATION TESTING
TICKET 22921

Formation Miss. Elevation 1642 KB Eff. Pay — Ft.

District Great Bend Ks Date 1-9-78 Customer Order No. —

COMPANY NAME Graves Drilling Co. Inc.

ADDRESS 910 Union Center, Wichita, Ks 67202

LEASE AND WELL NO. # 1-14 Swingle COUNTY Kingman STATE Kansas Sec. 14 Twp. 30 Rge 9 W

Mail Inv. To Co. Name Same Address Ac 4 above No. Copies Requested 5

Mail Charts To Address " No. Copies Requested 5

Formation Test No. 1 O.K. ✓ Misrun — Interval Tested From 4274 to 4287 Total Depth 4287

Size Main Hole 7⅞ Rat Hole — Conv. — B.T. ✓ Damaged — Yes ✓ No Conv. ✓ B.T. — Damaged — Yes ✓ No

Top Packer Depth 4269 Ft. Size 6 3/4 Bottom Packer Depth 4274 Ft. Size 6 3/4

Straddle — Conv. — B.T. — Damaged — Yes — No Packer Depth — Ft. Size —

Tool Size 5½ OD Tool Joint Size 4½ FH Anchor Length 13 Ft. Size 5½ OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4278 Ft. Clock No. 8476 Depth 4281 Ft. Clock No. 9725

Top Make Kuster Cap. 3000 No. 3474 Inside ~~Outside~~ Bottom Make Kuster Cap. 4000 No. 3659 ~~Inside~~ Outside

Below Straddle: Depth — Rec. No. — Clock No. — Inside Outside Depth — Ft. Rec. No. — Clock No. — Inside Outside

Time Set Packer 12.58 P M

Tool Open I.F.P. From 1.00 P M. to 1.15 M. — Hr. 15 Min. From (B) 15 14 P.S.I. To (C) 15 18 P.S.I.

Tool Closed I.C.I.P. From 1.15 M. to 2.00 M. — Hr. 45 Min. (D) 1524 1514 P.S.I.

Tool Open F.F.P. From 2.00 M. to 3.00 M. — Hr. 60 Min. From (E) 6954 P.S.I. To (F) 38 43 P.S.I.

Tool Closed F.C.I.P. From 3.00 M. to 3.45 M. — Hr. 45 Min. (G) 1151 1146 P.S.I.

Initial Hydrostatic Pressure (A) 2103 P.S.I. 2129 Final Hydrostatic Pressure (H) 2081 2118 P.S.I. Maximum Temp. 122

INFORMATION

BLOW Very Weak Throughout 1st F.P. Weak. Bled Blow Line. No Blow. Flushed Tool. Weak Decreased To Few Bubbles By End of 2nd opening.

Did Well Flow — Yes ✓ No Recovery Total Ft. 75' Drlg Mud With Trace of Oil On Top Of Tool.

Reversed Out — Yes ✓ No Mud Type Premix Viscosity 43 Weight 9.1 Water Loss 11.2 cc. Chlorides 8000 PPM

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint — Jars: Size — In. Make — Ser. No. —

Dual Packers Yes Did Packers Hold? Yes Did Tool Plug? No Where? —

DRILLING CONTRACTOR Graves Drlg Rig 1 Length Drill Pipe 3919 ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½ FH In.

Length Weight Pipe 246 ft. I.D. Weight Pipe 2.7 In. Tool Joint Size 4½ XH In. Length Drill Collars 87 ft. I.D. Drill Collars 2.7 In.

Tool Joint Size 4½ ~~XH~~ 90 In. Length D.S.T. Tool 35 ft.

Remarks

INVOICE SECTION

Open Hole Test	$440 00
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Misrun	$
Evaluation	$
Packer	$
Circ. Sub.	$
	$
Total	$440 00

COMPANY TERMS

Western Testing Co., Inc., shall not be liable for damage 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, or 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 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Robert E. McCann Western Representative Dennis Wondra

Signature of Customer or his Authorized Representative

Operator's Time 7 hrs Hrs.

WESTERN TESTING CO., INC.
Pressure Data

Date 1-9-78 Test Ticket No. 22921

Recorder No. 3474 Capacity 3000 Location 4278 Ft.

Clock No. 8476 Elevation 1642 Kelly Bushing Well Temperature 122 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2129	P.S.I.	Open Tool	12:58P M	
B	First Initial Flow Pressure	14	P.S.I.	First Flow Pressure	15 Mins.	15 Mins.
C	First Final Flow Pressure	18	P.S.I.	Initial Closed-in Pressure	45 Mins.	42 Mins.
D	Initial Closed-in Pressure	1514	P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	54	P.S.I.	Final Closed-in Pressure	45 Mins.	24 Mins.
F	Second Final Flow Pressure	43	P.S.I.			
G	Final Closed-in Pressure	1146	P.S.I.			
H	Final Hydrostatic Mud	2118	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	14
P 2	5	14
P 3	10	16
P 4	15	18
P 5	20	
P 6	25	
P 7	30	
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: 14 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	18
3	199
6	678
9	977
12	1143
15	1234
18	1303
21	1351
24	1389
27	1421
30	1446
33	1467
36	1484
39	1501
42	1514
45	
48	
51	
54	
57	
60	

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

Point Minutes	Press.
0	54
5	36
10	Flushed tool
15	39
20	40
25	41
30	40
35	40
40	40
45	42
50	43
55	43
60	43
65	
70	
75	
80	
85	
90	

Final Shut-In
Breakdown: 8 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	43
3	220
6	512
9	696
12	851
15	969
18	1048
21	1106
24	1146
27	
30	
33	
36	
39	
42	
45	
48	
51	
54	
57	
60	

WESTERN

Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Graves Drilling Co., Inc. Lease & Well No. Swingle #1-14

Elevation 1642 Kelly Bush. Formation Mississippi Effective Pay - Ft. Ticket No. 22921

Date 1-9-78 Sec. 14 Twp. 30S Range 9W County Kingman State Kansas

Test Approved by Robert E. McCann Western Representative Denis Wondra

Formation Test No. 1 O.K. X Misrun - Interval Tested From 4274' to 4287' Total Depth 4287'

Size Main Hole 7 7/8 at Hole - Conv. - B.T. X Damaged - Yes X No Conv. X B.T. - Damaged - Yes X No

Top Packer Depth 4269 Ft. Size 6 3/4 Bottom Packer Depth 4274 Ft. Size 6 3/4

Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -

Tool Size 5½OD Tool Joint Size 4½FH Anchor Length 13 Ft. Size 5½OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4278 Ft. Clock No. 8476 Depth 4281 Ft. Clock No. 9725

Top Make Kuster Cap. 3000 No. 3474 Inside ~~Outside~~ Bottom Make Kuster Cap. 4000 No. 3659 ~~Inside~~ Outside

Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 12:58P M

Tool Open I.F.P. From 1:00 M. to 1:15 M. - Hr. 15 Min. From (B) 14 P.S.I. To (C) 18 P.S.I.

Tool Closed I.C.I.P. From 1:15 M. to 2:00 M. - Hr. 45 Min (D) 1514 P.S.I.

Tool Open F.F.P. From 2:00 M. to 3:00 M. - Hr. 60 Min. From (E) 54 P.S.I. To (F) 43 P.S.I.

Tool Closed F.C.I.P. From 3:00 M. to 3:45 M. - Hr. 45 Min. (G) 1146 P.S.I.

Initial Hydrostatic Pressure (A) 2129 P.S.I. Final Hydrostatic Pressure (H) 2118 P.S.I. Maximum Temp. 122

INFORMATION

BLOW Very weak throughout initial flow period. Weak, bled blow line. No blow. Flushed tool, weak decreased to few bubbles by end of final flow period.

Did Well Flow - Yes X No Recovery Total Ft. 75' drilling mud with trace of oil on top of tool.

Reversed Out - Yes X No Mud Type Premix Viscosity 43 Weight 9.1 Water Loss 11.2 cc. Chlorides 8,000 ppm

EXTRA EQUIPMENT: Type Circ. Sub Pin Safety Joint - Jars: Size - In. Make - Ser. No. -

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Graves Drilling Rig #1 Length Drill Pipe? 3919 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½FH In.

Length Weight Pipe 246 Ft. I.D. Weight Pipe 3.7 In. Tool Joint Size 4½XH In. Length Drill Collars 87 Ft. I.D. Drill Collars 3.7 In.

Tool Joint Size 4½H90 In. Length D.S.T. Tool 35 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 1-9-78 Test Ticket No. 22921

Recorder No. 3474 Capacity 3000 Location 4278 Ft.

Clock No. 8476 Elevation 1642 Kelly Bushing Well Temperature 122 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2129	P.S.I.	Open Tool	12:58 P M	
B	First Initial Flow Pressure	14	P.S.I.	First Flow Pressure	15 Mins.	15 Mins.
C	First Final Flow Pressure	18	P.S.I.	Initial Closed-in Pressure	45 Mins.	42 Mins.
D	Initial Closed-in Pressure	1514	P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	54	P.S.I.	Final Closed-in Pressure	45 Mins.	24 Mins.
F	Second Final Flow Pressure	43	P.S.I.			
G	Final Closed-in Pressure	1146	P.S.I.			
H	Final Hydrostatic Mud	2118	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	14
P 2 5	14
P 3 10	16
P 4 15	18
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: 14 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	18
3	199
6	678
9	977
12	1143
15	1234
18	1303
21	1351
24	1389
27	1421
30	1446
33	1467
36	1484
39	1501
42	1514

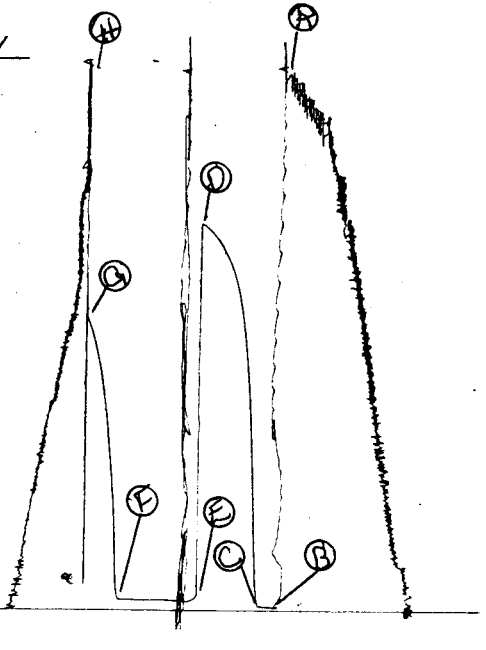
Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	54
5	36
10	flushed tool
15	39
20	40
25	41
30	40
35	40
40	40
45	42
50	43
55	43
60	43

Final Shut-In
Breakdown: 8 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	43
3	222
6	512
9	696
12	851
15	969
18	1048
21	1106
24	1146

TK# 22921
I.



WESTERN TESTING CO., INC.
FORMATION TESTING
TICKET 22922

P. O. BOX 793 PHONE 793-7903
GREAT BEND, KANSAS

Formation Miss Elevation 1642 KB Eff. Pay — Ft.

District Great Bend Ks. Date 1-10-78 Customer Order No. —

COMPANY NAME Graves Drilling Co., Inc

ADDRESS 910 Union Center, Wichita, Ks. 67202

LEASE AND WELL NO. # 1-14 Swingle COUNTY Kingman STATE Ks. Sec. 14 Twp. 30 Rge. 9W

Mail Inv. To Same As Above No. Copies Requested 5
Co. Name " Address

Mail Charts To " No. Copies Requested 5
Address

Formation Test No. 2 O.K. ✓ Misrun — Interval Tested From 4287 to 4325 Total Depth 4325

Size Main Hole 7 7/8 Rat Hole — Conv. — B.T. ✓ Damaged — Yes ✓ No Conv. ✓ B.T. — Damaged — Yes ✓ No

Top Packer Depth 4282 Ft. Size 6 3/4 Bottom Packer Depth 4287 Ft. Size 6 3/4

Straddle — Conv. — B.T. — Damaged — Yes — No Packer Depth — Ft. Size —

Tool Size 5 1/2 OP Tool Joint Size 4 1/2 FH Anchor Length 38 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4298 Ft. Clock No. 8476 Depth 4301 Ft. Clock No. 9725

Top Make Kuster Cap. 3600 No. 3474 Inside Outside Bottom Make Kuster Cap. 4000 No. 3659 ~~Inside~~ Outside

Below Straddle: Depth — Rec. No. — Clock No. — Inside Outside Depth — Ft. Rec. No. — Clock No. — Inside Outside

Time Set Packer 6.03 A M

Tool Open I.F.P. From 6.05A M. to 6.20 M. — Hr. 15 Min. From (B) 71 57 P.S.I. To (C) 40 43 P.S.I.

Tool Closed I.C.I.P. From 6.20 M. to 7.05 M. — Hr. 45 Min. (D) 1503 1499 P.S.I.

Tool Open F.F.P. From 7.05 M. to 8.05 M. — Hr. 60 Min. From (E) 61 69 P.S.I. To (F) 51 48 P.S.I.

Tool Closed F.C.I.P. From 8.05 M. to 8.50 M. — Hr. 45 Min. (G) 1305 1306 P.S.I.

Initial Hydrostatic Pressure (A) 2133 P.S.I. 2126 Final Hydrostatic Pressure (H) 2093 2093 P.S.I. Maximum Temp. 122

INFORMATION

BLOW Fair Throughout 1st F.P. Steady 1" Blow Throughout 2nd Opening

Did Well Flow — Yes ✓ No Recovery Total Ft. 75' S/I. GCM ~~Ft. Of Oil~~

~~O2 top of DC Tool~~

Reversed Out — Yes ✓ No Mud Type Premix Viscosity 43 Weight 9.1 Water Loss 11.2 cc. Chlorides 8000 PPM

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint — Jars: Size — In. Make — Ser. No. —

Dual Packers yes Did Packers Hold? yes Did Tool Plug? NO Where? —

DRILLING CONTRACTOR Graves Drlg. Rig 1 Length Drill Pipe 3932 ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe 246 ft. I.D. Weight Pipe 3.7 In. Tool Joint Size 4 1/2 XH In. Length Drill Collars 87 ft. I.D. Drill Collars 3.7 In.

Tool Joint Size 4 1/2 H-90 In. Length D.S.T. Tool 60 ft.

Remarks PSI From 3659 Rec.

INVOICE SECTION

Open Hole	$ 440 00
Straddle Test	$
Jars	
Selective Zone	$
Safety Joint	$
Misrun	$
Evaluation	$
Packer	$
Circ. Sub.	$
	$
Total	$ 440 00

COMPANY TERMS

Western Testing Co., Inc., shall not be liable for damage 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, or 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 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [signature] Western Representative Denis Worden
Signature of Customer or his Authorized Representative

Operator's Time Thank You Hrs.

WESTERN TESTING CO., INC.
Pressure Data

Date 1-10-78 Test Ticket No. 22922

Recorder No. 3659 Capacity 4000 Location 4301 Ft.

Clock No. 9725 Elevation 1642 Kelly Bushing Well Temperature 122 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2126	P.S.I.	Open Tool	6:03A M	
B	First Initial Flow Pressure	57	P.S.I.	First Flow Pressure	15 Mins.	15 Mins.
C	First Final Flow Pressure	43	P.S.I.	Initial Closed-in Pressure	45 Mins.	48 Mins.
D	Initial Closed-in Pressure	1499	P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	69	P.S.I.	Final Closed-in Pressure	45 Mins.	48 Mins.
F	Second Final Flow Pressure	48	P.S.I.			
G	Final Closed-in Pressure	1306	P.S.I.			
H	Final Hydrostatic Mud	2093	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	57
P 2	5	46
P 3	10	43
P 4	15	43
P 5	20	
P 6	25	
P 7	30	
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: 16 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point	Minutes	Press.
	0	43
	3	192
	6	449
	9	653
	12	843
	15	994
	18	1115
	21	1242
	24	1298
	27	1336
	30	1375
	33	1409
	36	1432
	39	1457
	42	1475
	45	1492
	48	1499
	51	
	54	
	57	
	60	

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

Point	Minutes	Press.
	0	69
	5	54
	10	51
	15	49
	20	48
	25	48
	30	48
	35	48
	40	48
	45	48
	50	48
	55	48
	60	48
	65	
	70	
	75	
	80	
	85	
	90	

Final Shut-In
Breakdown: 18 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point	Minutes	Press.
	0	48
	3	97
	6	218
	9	347
	12	504
	15	626
	18	733
	21	828
	24	914
	27	996
	30	1067
	33	1126
	36	1173
	39	1219
	42	1254
	45	1284
	48	1306
	51	
	54	
	57	
	60	

Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Graves Drilling Co., Inc. Lease & Well No. Swingle #1-14

Elevation 1642 Kelly Bush. Formation Mississippi Effective Pay - Ft. Ticket No. 22922

Date 1-10-78 Sec. 14 Twp. 30S Range 9W County Kingman State Kansas

Test Approved by Robert E. McCann Western Representative Denis Wondra

Formation Test No. 2 O.K. X Misrun - Interval Tested From 4287' to 4325' Total Depth 4325'

Size Main Hole 7 7/8 Rat Hole - Conv. - B.T. X Damaged - Yes X No Conv. X B.T. - Damaged - Yes X No

Top Packer Depth 4282 Ft. Size 6 3/4 Bottom Packer Depth 4287 Ft. Size 6 3/4

Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -

Tool Size 5½OD Tool Joint Size 4½FH Anchor Length 38 Ft. Size 5½OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4298 Ft. Clock No 8476 Depth 4301 Ft. Clock No. 9725

Top Make Kuster Cap. 3000 No. 3474 Inside ~~Outside~~ Bottom Make Kuster Cap. 4000 No. 3659 ~~Inside~~ Outside

Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 6:03A M

Tool Open I.F.P. From 6:05 M. to 6:20 M. - Hr. 15 Min. From (B) 57 P.S.I. To (C) 43 P.S.I.

Tool Closed I.C.I.P. From 6:20 M. to 7:05 M. - Hr. 45 Min (D) 1499 P.S.I.

Tool Open F.F.P. From 7:05 M. to 8:05 M. - Hr. 60 Min. From (E) 69 P.S.I. To (F) 48 P.S.I.

Tool Closed F.C.I.P. From 8:05 M. to 8:50 M. - Hr. 45 Min. (G) 1306 P.S.I.

Initial Hydrostatic Pressure (A) 2126 P.S.I. Final Hydrostatic Pressure (H) 2093 P.S.I. Maximum Temp. 122

INFORMATION

BLOW Fair throughout initial flow period. Steady 1" blow throughout final flow period.

Did Well Flow - Yes X No Recovery Total Ft. 75' slightly gas cut mud.

Reversed Out - Yes X No Mud Type Premix Viscosity 43 Weight 9.1 Water Loss 11.2 cc. Chlorides 8,000 ppm

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size - In. Make - Ser. No. -

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Graves Drilling Rig #1 Length Drill Pipe? 3932 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½FH In.

Length Weight Pipe 246 Ft. I.D. Weight Pipe 3.7 In. Tool Joint Size 4½XH In. Length Drill Collars 87 Ft. I.D. Drill Collars 3.7 In.

Tool Joint Size 4½H90 In. Length D.S.T. Tool 60 Ft.

Remarks: Read recorder #3659

WESTERN TESTING CO., INC.
Pressure Data

Date 1-10-78 Test Ticket No. 22922

Recorder No. 3659 Capacity 4000 Location 4301 Ft.

Clock No. 9725 Elevation 1642 Kelly Bushing Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2126 P.S.I.	Open Tool	6:03A M	
B First Initial Flow Pressure	57 P.S.I.	First Flow Pressure	15 Mins.	15 Mins.
C First Final Flow Pressure	43 P.S.I.	Initial Closed-in Pressure	45 Mins.	48 Mins.
D Initial Closed-in Pressure	1499 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	69 P.S.I.	Final Closed-in Pressure	45 Mins.	48 Mins.
F Second Final Flow Pressure	48 P.S.I.			
G Final Closed-in Pressure	1306 P.S.I.			
H Final Hydrostatic Mud	2093 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	57
P 2 5	46
P 3 10	43
P 4 15	43
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: 16 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	43
3	192
6	449
9	653
12	843
15	994
18	1115
21	1242
24	1298
27	1336
30	1375
33	1409
36	1432
39	1457
42	1475
45	1492
48	1499

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

Point Minutes	Press.
0	69
5	54
10	51
15	49
20	48
25	48
30	48
35	48
40	48
45	48
50	48
55	48
60	48

Final Shut-In
Breakdown: 16 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	48
3	97
6	218
9	347
12	504
15	626
18	733
21	828
24	914
27	996
30	1067
33	1126
36	1173
39	1219
42	1254
45	1284
48	1306

TKt # 22922

0.

