29-15-26W

WESTERN TESTERS

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company A. L. Abercrombie Inc. Lease & Well No. Chambers #3

Elevation 2558 Kelly Bushings Formation Lansing Effective Pay Ft. Ticket No. 16523

Date 9-11-72 Sec. 29 Twp. 1S Range 26W County Decatur State Kansas

Test Approved by Jack K. Wharton Western Representative James W. Holloway

Formation Test No. 1 O.K. X Misrun Interval Tested From 3352' to 3370' Total Depth 3370'

Size Main Hole 6 3/4" Rat Hole Conv. X B.T. Damaged Yes X No Conv. B.T. X Damaged Yes X No

Packer Depth 3347 Ft. Size 5 1/2" Packer Depth 3352 Ft. Size 5 1/2"

Straddle Yes No X Conv. B.T. Damaged Yes No

Packer Depth Ft. Size

Tool Size 4 1/2" O.D. Tool Jt. Size 3 1/2" I.F. Anchor Length 18 Ft. Size 4 1/2" O.D.

RECORDERS Depth 3364 Ft. Clock No. 9725 Depth 3366 Ft. Clock No. 6774

Top Make Kuster Cap 4150 No. 2607 Inside ~~Outside~~ Bottom Make Kuster Cap 4200 No. 1558 ~~Inside~~ Outside

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

Top Make Cap No. Inside Outside Bottom Make Cap No. Inside Outside

Time Set Packer 9:03 A.M.

Tool Open I.F.P. From 9:06 M. to 9:36A.M. Hr. 30 Min. From (B) 0 P.S.I. To (C) 7 P.S.I.

Tool Closed I.C.I.P. From 9:36 M. to 10:21A.M. Hr. 45 Min. (D) 667 P.S.I.

Tool Open F.F.P. From 10:21 M. to 11:21A.M. 1 Hr. Min. From (E) 37 P.S.I. To (F) 50 P.S.I.

Tool Closed F.C.I.P. From 11:21 M. to 12:06P.M. Hr. 45 Min. (G) 639 P.S.I.

Initial Hydrostatic Pressure (A) 1676 P.S.I. Final Hydrostatic Pressure (H) 1659 P.S.I.

SURFACE INFORMATION	Size Choke 3/8 In.	Max. Press. P.S.I.	Time	Description of Flow
			M.	
			M.	
			M.	

BLOW Fair increasing to strong Bottom Choke Size 1/2 In.

Did Well Flow Yes X No Recovery Total Ft. 50 feet clean oil 80 feet muddy oil 360 feet gas in pipe

Reversed Out Yes X No Mud Type Chem. Viscosity 32 Weight 9.5 Water Loss 17.2 cc. Maximum Temp. 102 °F

Type Circ. Sub. Plug Safety Joint No Jars: Size Make Ser. No.

EXTRA EQUIPMENT: Dual Packers Yes Did Packer Hold? Yes Did Tool Plug? No Where?

Length Drill Pipe 2063 ft. I.D. Drill Pipe 3.3 in. Length Weight Pipe 1269 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.

I.D. Drill Collars in. Length D.S.T. Tool 38 ft.

Remarks Read 1558

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 9-11-72 Test Ticket No. 16523

Recorder No. 2607 Capacity 4150 Location 3364 Ft.

Clock No. 9725 Elevation 2558 Kelly Bushings Well Temperature 102 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1676 P.S.I.	Open Tool	9:03 A.M.	
B First Initial Flow Pressure	0 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	7 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	667 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	37 P.S.I.	Final Closed-in Pressure	45 Mins.	45 Mins.
F Second Final Flow Pressure	50 P.S.I.			
G Final Closed-in Pressure	639 P.S.I.			
H Final Hydrostatic Mud	1659 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: 15 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 0	0	0	7	0	37	0	50
P 2 5	0	3	63	5	37	3	78
P 3 10	0	6	309	10	37	6	190
P 4 15	0	9	532	15	37	9	394
P 5 20	2	12	597	20	38	12	522
P 6 25	4	15	620	25	40	15	570
P 7		18	635	30	42	18	591
P 8		21	643	35	44	21	604
P 9		24	647	40	46	24	612
P10		27	653	45	47	27	620
P11		30	656	50	48	30	624
P12		33	660	55	49	33	628
P13		36	662	60	50	36	631
P14		39	664			39	633
P15		42	666			42	635
P16		45	667			45	639
P17							
P18							
P19							
P20							

29-15-26W

WESTERN TESTERS

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company A. L. Abercrombie Inc. Lease & Well No. Chambers #3

Elevation 2558 Kelly Bushings Formation Lansing Effective Pay Ft. Ticket No. 16524

Date 9-11-72 Sec. 29 Twp. 1S Range 26W County Decatur State Kansas

Test Approved by Jack K. Wharton Western Representative James W. Holloway

Formation Test No. 2 O.K. X Misrun Interval Tested From 3334' to 3347' Total Depth 3370'

Size Main Hole 6 3/4" Rat Hole Conv. X B.T. Damaged Yes X No Conv. B.T. Damaged Yes No

Packer Depth 3334 Ft. Size 5 1/2" Packer Depth Ft. Size

Straddle Yes X No Conv. B.T. X Damaged Yes X No

Packer Depth 3347 Ft. Size 5 1/2"

Tool Size 4 1/2" O.D. Tool Jt. Size 3 1/2" I.F. Anchor Length 13 Ft. Size 4 1/2" O.D.

RECORDERS Depth 3342 Ft. Clock No. 9725 Depth 3344 Ft. Clock No. 6774

Top Make Kuster Cap. 4150 No. 2607 Inside ~~Outside~~ Bottom Make Kuster Cap. 4200 No. 1558 ~~Inside~~ Outside

Below Straddle: Depth 3364 Clock No. 108 Inside ~~Outside~~ Depth 3366 Ft. Clock No. 109 Inside Outside

Top Make W.T.C. Cap. 3000 No. 36 Inside ~~Outside~~ Bottom Make W.T.C. Cap. 3000 No. 37 ~~Inside~~ Outside

Time Set Packer 3:58 P.M

Tool Open I.F.P. From 4:01 M. to 4:06P. M. Hr. 5 Min. From (B) 0 P.S.I. To (C) 0 P.S.I.

Tool Closed I.C.I.P. From 4:06 M. to 4:36P. M. Hr. 30 Min. (D) 1079 P.S.I.

Tool Open F.F.P. From 4:36 M. to 4:51P. M. Hr. 15 Min. From (E) 35 P.S.I. To (F) 25 P.S.I.

Tool Closed F.C.I.P. From 4:51 M. to 5:21P. M. Hr. 30 Min. (G) 1064 P.S.I.

Initial Hydrostatic Pressure (A) 1680 P.S.I. Final Hydrostatic Pressure (H) 1668 P.S.I.

SURFACE INFORMATION	Size Choke	Max. Press. P.S.I.	Time	Description of Flow
	3/8 In.		M.	
			M.	
			M.	

BLOW None Bottom Choke Size 1/2 In.

Did Well Flow Yes X No Recovery Total Ft. 20 feet mud very slightly oil cut

Reversed Out Yes X No Mud Type Chem. Viscosity 40 Weight 9.5 Water Loss 8.8 cc. Maximum Temp. 105 °F

Type Circ. Sub. Plug Safety Joint No Jars: Size Make Ser. No.

EXTRA EQUIPMENT: Dual Packers No Did Packer Hold? Yes Did Tool Plug? No Where?

Length Drill Pipe 2050 ft. I.D. Drill Pipe 3.3 in. Length Weight Pipe 1269 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.

I.D. Drill Collars in. Length D.S.T. Tool 51 ft.

Remarks

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 9-11-72 Test Ticket No. 16524

Recorder No. 2607 Capacity 4150 Location 3342 Ft.

Clock No. 9725 Elevation 2558 Kelly Bushings Well Temperature 105 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1680 P.S.I.	Open Tool	3:58 P. M	
B First Initial Flow Pressure	0 P.S.I.	First Flow Pressure	5 Mins.	7 Mins.
C First Final Flow Pressure	0 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	1079 P.S.I.	Second Flow Pressure	15 Mins.	15 Mins.
E Second Initial Flow Pressure	35 P.S.I.	Final Closed-in Pressure	30 Mins.	33 Mins.
F Second Final Flow Pressure	25 P.S.I.			
G Final Closed-in Pressure	1064 P.S.I.			
H Final Hydrostatic Mud	1668 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 1 Inc.
of 5 mins. and a
final inc. of 2 Min.

Point Mins.	Press.
P 1 0	0
P 2 5	0
P 3 7	0
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.
0	0
3	321
6	789
9	935
12	991
15	1022
18	1043
21	1056
24	1068
27	1075
30	1079

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

Point Minutes	Press.
0	35
5	27
10	23
15	25

Final Shut-In
Breakdown: 11 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	25
3	226
6	708
9	889
12	954
15	991
18	1016
21	1033
24	1045
27	1056
30	1062
33	1064

29-15-26W

WESTERN TESTERS

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company A. L. Abercrombie Inc. Lease & Well No. Chambers #3

Elevation 2558 Kelly Bushings Formation Lansing Effective Pay Ft. Ticket No. 16525

Date 9-12-72 Sec. 29 Twp. 1S Range 26W County Decatur State Kansas

Test Approved by Jack K. Wharton Western Representative James W. Holloway

Formation Test No. 3 O.K. X Misrun Interval Tested From 3369' to 3385' Total Depth 3385'

Size Main Hole 6 3/4" Rat Hole Conv. X B.T. Damaged Yes X No Conv. B.T. Damaged Yes No

Packer Depth 3369 Ft. Size 5 1/2" Packer Depth Ft. Size

Straddle Yes No X Conv. B.T. Damaged Yes No

Packer Depth Ft. Size

Tool Size 4 1/2" O.D. Tool Jt. Size 3 1/2" I.F. Anchor Length 16 Ft. Size 4 1/2" O.D.

RECORDERS Depth 3379 Ft. Clock No. 9725 Depth 3381 Ft. Clock No. 6774

Top Make Kuster Cap 4150 No. 2607 Inside ~~Outside~~ Bottom Make Kuster Cap 4200 No. 1558 ~~Inside~~ Outside

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

Top Make Cap No. Inside Outside Bottom Make Cap No. Inside Outside

Time Set Packer 1:40 A. M

Tool Open I.F.P. From 1:43 M. to 2:13A. M. Hr. 30 Min. From (B) 21 P.S.I. To (C) 21 P.S.I.

Tool Closed I.C.I.P. From 2:13 M. to 2:58A. M. Hr. 45 Min. (D) 1014 P.S.I.

Tool Open F.F.P. From 2:58 M. to 3:28A. M. Hr. 30 Min. From (E) 42 P.S.I. To (F) 32 P.S.I.

Tool Closed F.C.I.P. From 3:28 M. to 4:13A. M. Hr. 45 Min. (G) 843 P.S.I.

Initial Hydrostatic Pressure (A) 1718 P.S.I. Final Hydrostatic Pressure (H) 1701 P.S.I.

SURFACE INFORMATION	Size Choke	Max. Press. P.S.I.	Time	Description of Flow
	3/8 In.		M.	
			M.	
			M.	

BLOW Very weak for 23 min. Bottom Choke Size 1/2 In.

Did Well Flow Yes X No Recovery Total Ft. 20 feet mud with oil spots

Reversed Out Yes X No Mud Type Chem. Viscosity 40 Weight 9.5 Water Loss 8.8 cc. Maximum Temp. 100 °F

Type Circ. Sub. Plug Safety Joint No Jars: Size Make Ser. No.

EXTRA EQUIPMENT: Dual Packers No Did Packer Hold? Yes Did Tool Plug? No Where?

Length Drill Pipe 2085 ft. I.D. Drill Pipe 3.3 in. Length Weight Pipe 1269 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.

I.D. Drill Collars in. Length D.S.T. Tool 31 ft.

Remarks Flush on F.F. - no help

WESTERN TESTING CO., INC.
Pressure Data

Date 9-12-72 Test Ticket No. 16525

Recorder No. 2607 Capacity 4150 Location 3379 Ft.

Clock No. 9725 Elevation 2558 Kelly Bushings Well Temperature 100 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1718 P.S.I.	Open Tool	1:40A. M	
B First Initial Flow Pressure	21 P.S.I.	First Flow Pressure	30 Mins.	37 Mins.
C First Final Flow Pressure	21 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1014 P.S.I.	Second Flow Pressure	30 Mins.	35 Mins.
E Second Initial Flow Pressure	42 P.S.I.	Final Closed-in Pressure	45 Mins.	45 Mins.
F Second Final Flow Pressure	32 P.S.I.			
G Final Closed-in Pressure	843 P.S.I.			
H Final Hydrostatic Mud	1701 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 7 Inc.
of 5 mins. and a
final inc. of 2 Min.

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

Second Flow Pressure
Breakdown: 7 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 15 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 0	21	0	21	0	42	0	32
P 2 5	21	3	24	5	29	3	33
P 3 10	21	6	44	10	25 Flush	6	34
P 4 15	21	9	137	15	31	9	35
P 5 20	21	12	321	20	31	12	40
P 6 25	21	15	514	25	31	15	59
P 7 30	21	18	664	30	32	18	101
P 8 35	21	21	789	35	32	21	186
P 9 37	21	24	862			24	317
P10		27	908			27	442
P11		30	943			30	572
P12		33	966			33	664
P13		36	985			36	735
P14		39	997			39	789
P15		42	1008			42	818
P16		45	1014			45	843
P17							
P18							
P19							
P20							

29-15-26W

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company A. L. Abercrombie Inc. Lease & Well No. Chambers #3

Elevation 2558 Kelly Bushings Formation Kansas City Effective Pay Ft. Ticket No. 17176

Date 9-12-72 Sec. 29 Twp. 1S Range 26W County Decatur State Kansas

Test Approved by Jack K. Wharton Western Representative James W. Holloway

Formation Test No. 4 O.K. X Misrun Interval Tested From 3385' to 3450' Total Depth 3450'

Size Main Hole 6 3/4" Rat Hole Conv. X B.T. Damaged Yes X No Conv. B.T. X Damaged Yes X No

Packer Depth 3380 Ft. Size 5 1/2" Packer Depth 3380 Ft. Size 5 1/2"

Straddle Yes No X Conv. B.T. Damaged Yes No

Packer Depth Ft. Size

Tool Size 4 1/2" O.D. Tool Jt. Size 3 1/2" I.F. Anchor Length 65 Ft. Size 4 1/2" O.D.

RECORDERS Depth 3442 Ft. Clock No. 9725 Depth 3444 Ft. Clock No. 6774

Top Make Kuster Cap 4150 No. 2607 Inside ~~Outside~~ Bottom Make Kuster Cap 4200 No. 1558 ~~Inside~~ Outside

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

Top Make Cap No. Inside Outside Bottom Make Cap No. Inside Outside

Time Set Packer 3:32 P. M

Tool Open I.F.P. From 3:35 M. to 3:40P M. Hr. 5 Min. From (B) 71 P.S.I. To (C) 63 P.S.I.

Tool Closed I.C.I.P. From 3:40 M. to 4:10P M. Hr. 30 Min. (D) 80 P.S.I.

Tool Open F.F.P. From 4:10 M. to 4:25P M. Hr. 15 Min. From (E) 65 P.S.I. To (F) 65 P.S.I.

Tool Closed F.C.I.P. From 4:25 M. to 4:55P M. Hr. 30 Min. (G) 71 P.S.I.

Initial Hydrostatic Pressure (A) 1821 P.S.I. Final Hydrostatic Pressure (H) 1804 P.S.I.

SURFACE INFORMATION	Size Choke	Max. Press. P.S.I.	Time	Description of Flow
	3/8 In.		M.	
			M.	
			M.	

BLOW None Bottom Choke Size 1/2 In.

Did Well Flow Yes X No Recovery Total Ft. 10 feet mud

Reversed Out Yes X No Mud Type Chem. Viscosity 44 Weight 9.6 Water Loss 6.8 cc. Maximum Temp. 103 °F

Type Circ. Sub. Plug Safety Joint No Jars: Size Make Ser. No.

EXTRA EQUIPMENT: Dual Packers Yes Did Packer Hold? Yes Did Tool Plug? No Where?

Length Drill Pipe 2096 ft. I.D. Drill Pipe 3.3 in. Length Weight Pipe 1269 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.

I.D. Drill Collars in. Length D.S.T. Tool 85 ft.

Remarks Flush on F.F. no help.

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 9-12-72 Test Ticket No. 17176

Recorder No. 2607 Capacity 4150 Location 3442 Ft.

Clock No. 9725 Elevation 2558 Kelly Bushings Well Temperature 103 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1821 P.S.I.	Open Tool	3:32 P.M	
B First Initial Flow Pressure	71 P.S.I.	First Flow Pressure	5 Mins.	5 Mins.
C First Final Flow Pressure	63 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	80 P.S.I.	Second Flow Pressure	15 Mins.	15 Mins.
E Second Initial Flow Pressure	65 P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F Second Final Flow Pressure	65 P.S.I.			
G Final Closed-in Pressure	71 P.S.I.			
H Final Hydrostatic Mud	1804 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: 1 Inc.	Breakdown: 10 Inc.	Breakdown: 3 Inc.	Breakdown: 10 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	71	0	63	0	65	0	65
P 2 5	63	3	63	5	63	3	65
P 3		6	64	10	65 Flush	6	65
P 4		9	65	15	65	9	66
P 5		12	66			12	67
P 6		15	67			15	67
P 7		18	68			18	68
P 8		21	69			21	69
P 9		24	71			24	70
P10		27	75			27	71
P11		30	80			30	71
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

29-1S-26W

WESTERN TESTERS

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company A. L. Abercrombie Inc. Lease & Well No. Chambers #3

Elevation 2558 Kelly Bushings Formation Kansas City Effective Pay Ft. Ticket No. 17177

Date 9-13-72 Sec. 29 Twp. 1S Range 26W County Decatur State Kansas

Test Approved by Jack K. Wharton Western Representative James W. Holloway

Formation Test No. 5 O.K. X Misrun Interval Tested From 3489' to 3510' Total Depth 3510'

Size Main Hole 6 3/4 Rat Hole Conv. X B.T. Damaged Yes X No Conv. B.T. X Damaged X Yes No

Packer Depth 3484 Ft. Size 5 1/2" Packer Depth 3489 Ft. Size 5 1/2"

Straddle Yes No X Conv. B.T. Damaged Yes No

Packer Depth Ft. Size

Tool Size 4 1/2" O.D. Tool Jt. Size 3 1/2" I.F. Anchor Length 21 Ft. Size 4 1/2" O.D.

RECORDERS Depth 3502 Ft. Clock No. 9725 Depth 3504 Ft. Clock No. 6774

Top Make Kuster Cap 4150 No. 2607 Inside ~~Outside~~ Bottom Make Kuster Cap 4200 No. 1558 ~~Inside~~ Outside

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

Top Make Cap No. Inside Outside Bottom Make Cap No. Inside Outside

Time Set Packer 2:55 A. M

Tool Open I.F.P. From 2:58 M. to 3:28A M. Hr. 30 Min. From (B) 29 P.S.I. To (C) 29 P.S.I.

Tool Closed I.C.I.P. From 3:28 M. to 4:13A. M. Hr. 45 Min. (D) 610 P.S.I.

Tool Open F.F.P. From 4:13 M. to 4:43A. M. Hr. 30 Min. From (E) 40 P.S.I. To (F) 35 P.S.I.

Tool Closed F.C.I.P. From 4:43 M. to 5:28A. M. Hr. 45 Min. (G) 175 P.S.I.

Initial Hydrostatic Pressure (A) 1882 P.S.I. Final Hydrostatic Pressure (H) 1871 P.S.I.

SURFACE INFORMATION	Size Choke	Max. Press. P.S.I.	Time	Description of Flow
	3/8 In.		M.	
			M.	
			M.	

BLOW Very weak for 18 min. Bottom Choke Size 1/2 In.

Did Well Flow Yes X No Recovery Total Ft. 30 feet slightly oil cut mud with show of free oil on top

Reversed Out Yes X No Mud Type Chem. Viscosity 44 Weight 9.6 Water Loss 6.8 cc. Maximum Temp. 103 °F

Type Circ. Sub. Plug Safety Joint No Jars: Size Make Ser. No.

EXTRA EQUIPMENT: Dual Packers Yes Did Packer Hold? Yes Did Tool Plug? No Where?

Length Drill Pipe 2199 ft. I.D. Drill Pipe 3.3 in. Length Weight Pipe 1269 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.

I.D. Drill Collars in. Length D.S.T. Tool 41 ft.

Remarks

WESTERN TESTING CO., INC.
Pressure Data

Date 9-13-72 Test Ticket No. 17177

Recorder No. 2607 Capacity 4150 Location 3502 Ft.

Clock No. 9725 Elevation 2558 Kelly Bushings Well Temperature 103 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1882	P.S.I.	Open Tool 2:55 A. M	
B First Initial Flow Pressure	29	P.S.I.	First Flow Pressure 30 Mins.	30 Mins.
C First Final Flow Pressure	29	P.S.I.	Initial Closed-in Pressure 45 Mins.	45 Mins.
D Initial Closed-in Pressure	610	P.S.I.	Second Flow Pressure 30 Mins.	30 Mins.
E Second Initial Flow Pressure	40	P.S.I.	Final Closed-in Pressure 45 Mins.	45 Mins.
F Second Final Flow Pressure	35	P.S.I.		
G Final Closed-in Pressure	175	P.S.I.		
H Final Hydrostatic Mud	1871	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 6 Inc.		Breakdown: 15 Inc.		Breakdown: 6 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	29	0	29	0	40	0	35
P 2 5	29	3	29	5	31	3	36
P 3 10	29	6	30	10	29	6	37
P 4 15	29	9	33	15	29 Flush	9	38
P 5 20	29	12	37	20	35	12	39
P 6 25	29	15	44	25	35	15	41
P 7 30	29	18	54	30	35	18	46
P 8		21	70			21	49
P 9		24	92			24	54
P10		27	124			27	63
P11		30	175			30	71
P12		33	243			33	84
P13		36	343			36	99
P14		39	444			39	120
P15		42	543			42	143
P16		45	610			45	175
P17							
P18							
P19							
P20							