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

Company Adair Oil & Pickrells Drilling Co. Lease & Well No. Wege "A" # 1

Elevation 2335 Kelly Bushing Formation Marmaton Effective Pay Ft. Ticket No. 12939

Date 9-22-69 Sec. 20 Twp. 21s Range 24w County Hodgeman State Kansas

Test Approved by F. Judson Hipps Western Representative Dean Blagrave

Formation Test No. 1 O.K. x Misrun Interval Tested From 4245' to 4265' Total Depth 4265'

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

Packer Depth 4240 Ft. Size 6 3/4 Packer Depth 4245 Ft. Size 6 3/4

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

Packer Depth Ft. Size

Tool Size 5½"OD Tool Jt. Size 4½"FH Anchor Length 20 Ft. Size 5½"OD

RECORDERS Depth 4256 Ft. Clock No. 6895 Depth 4259 Ft. Clock No. 6774

Top Make Amerada Cap. 4150 No. 2606 Inside Outside Bottom Make Amerada Cap. 4300 No. 1567 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 3:43P M

Tool Open I.F.P. From 3:44 M. to 3:54P M. Hr. 10 Min. From (B) 52 P.S.I. To (C) 53 P.S.I.

Tool Closed I.C.I.P. From 3:54 M. to 4:24P M. Hr. 30 Min. (D) 178 P.S.I.

Tool Open F.F.P. From 4:24 M. to 4:54P M. Hr. 30 Min. From (E) 54 P.S.I. To (F) 54 P.S.I.

Tool Closed F.C.I.P. From 4:54 M. to 5:24P M. Hr. 30 Min. (G) 59 P.S.I.

Initial Hydrostatic Pressure (A) 2191 P.S.I. Final Hydrostatic Pressure (H) 2163 P.S.I.

SURFACE INFORMATION	Size Choke	Max. Press. P.S.I.	Time	Description of Flow
	1/4 In.		M.	
			M.	
			M.	

BLOW Weak for 10 minutes Bottom Choke Size 3/4 In.

Did Well Flow Yes x No Recovery Total Ft. 10 feet mud with few oil specks

Reversed Out Yes x No Mud Type starch Viscosity 42 Weight 9.4 Water Loss 10.6 cc. Maximum Temp. 122 °F

Type Circ. Sub plug Did Tool Plug? no Jars: Size Make Ser. No.

EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Did Packer Hold? yes Where?

Length Drill Pipe ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 950 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 Slid tool approximately 4 feet after tool opened.

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 9-22-69 Test Ticket No. 12939

Recorder No. 2606 Capacity 4150 Location 4256 Ft.

Clock No. 6895 Elevation 2335 Kelly /Bushing Well Temperature 122 °F

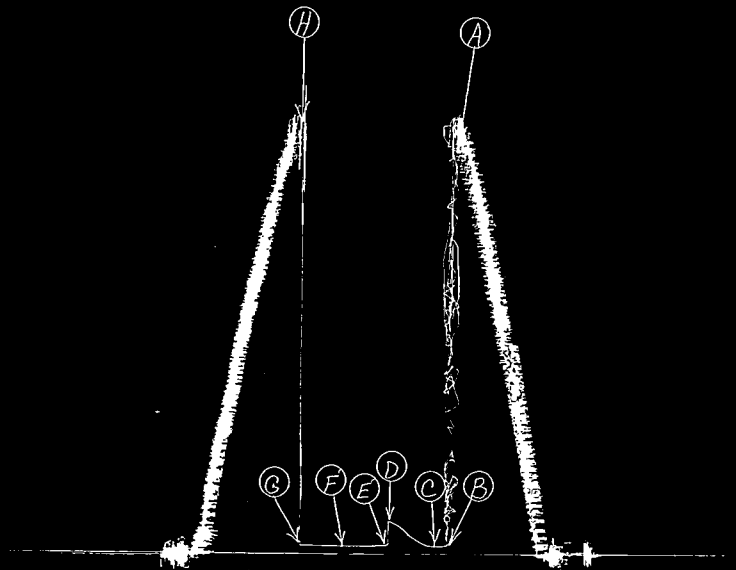
Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2191 P.S.I.		Open Tool	3:43P M	
B	First Initial Flow Pressure	52 P.S.I.		First Flow Pressure	10 Mins.	10 Mins.
C	First Final Flow Pressure	53 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	178 P.S.I.		Second Flow Pressure	30 Mins.	30 Mins.
E	Second Initial Flow Pressure	54 P.S.I.		Final Closed-in Pressure	30 Mins.	30 Mins.
F	Second Final Flow Pressure	54 P.S.I.				
G	Final Closed-in Pressure	59 P.S.I.				
H	Final Hydrostatic Mud	2163 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 2 Inc.		Breakdown: 10 Inc.		Breakdown: 6 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 Min.		final inc. of Min.		final inc. of Min.		final inc. of Min.	
Point Mins.	**Press.**	**Point Minutes**	**Press.**	**Point Minutes**	**Press.**	**Point Minutes**	**Press.**
P 1 0	52	0	53	0	54	0	54
P 2 5	52	3	58	5	54	3	54
P 3 10	53	6	64	10	54	6	54
P 4		9	72	15	54	9	54
P 5		12	89	20	54	12	55
P 6		15	101	25	54	15	57
P 7		18	120	30	54	18	58
P 8		21	139			21	58
P 9		24	156			24	59
P10		27	168			27	59
P11		30	178			30	59
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Adair Oil Co. & Pickrell Drlg. Co.
Wege "A" - #1

T.K.T. # 12939
Test # 1



WESTERN TESTERS

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

Company Adair Oil Co. & Pickrell Drilling Co. Lease & Well No. Wege "A" # 1

Elevation 2335 Kelly Bushing Formation Mississippian Effective Pay _____ Ft. Ticket No. 12940

Date 9-24-69 Sec. 20 Twp. 21s Range 24w County Hodgeman State Kansas

Test Approved by F. Judson Hipps Western Representative Dean Blagrave

Formation Test No. 2 O.K. X Misrun _____ Interval Tested From 4400' to 4450' Total Depth 4450'

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

Packer Depth 4395 Ft. Size 6 3/4 Packer Depth 4400 Ft. Size 6 3/4

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

Packer Depth _____ Ft. Size _____

Tool Size 5½" OD Tool Jt. Size 4½" FH Anchor Length 50 Ft. Size 5½" OD

RECORDERS Depth 4405 Ft. Clock No. 6895 Depth 4408 Ft. Clock No. 6774

Top Make Amerada Cap. 4150 No. 2606 Inside ~~Outside~~ Bottom Make Amerada Cap. 4300 No. 1567 ~~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 1:52A M

Tool Open I.F.P. From 1:53 M. to 1:58A M. Hr. 5 Min. From (B) 64 P.S.I. To (C) 218 P.S.I.

Tool Closed I.C.I.P. From 1:58 M. to 2:28A M. Hr. 30 Min. (D) 1337 P.S.I.

Tool Open F.F.P. From 2:28 M. to 3:28A M. 1 Hr. - Min. From (E) 280 P.S.I. To (F) 794 P.S.I.

Tool Closed F.C.I.P. From 3:28 M. to 4:13A M. Hr. 45 Min. (G) 1264 P.S.I.

Initial Hydrostatic Pressure (A) 2259 P.S.I. Final Hydrostatic Pressure (H) 2238 P.S.I.

SURFACE INFORMATION	Size Choke 1/4 In.	Max. Press. P.S.I.	Time	Description of Flow
			M.	
			M.	
			M.	

BLOW Strong thru out Bottom Choke Size 3/4 In.

Did Well Flow Yes X No Recovery Total Ft. 2145 feet oil and muddy oil

Reversed Out Yes X No Mud Type starch Viscosity 47 Weight 9.4 Water Loss 10 cc. Maximum Temp. 126 °F

Type Circ. Sub plug Did Tool Plug? no Jars: Size _____ Make _____ Ser. No. _____

EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Did Packer Hold? yes Where? _____

Length Drill Pipe 3470 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 920 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.

I. D. Drill Collars _____ in. Length D.S.T. Tool 68 ft.

Remarks

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 9-24-69 Test Ticket No. 12940

Recorder No. 2606 Capacity 4150 Location 4405 Ft.

Clock No. 6895 Elevation 2335 Kelly Bushing Well Temperature 126 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2259 P.S.I.	Open Tool	1:52A M	
B First Initial Flow Pressure	64 P.S.I.	First Flow Pressure	5 Mins.	5 Mins.
C First Final Flow Pressure	218 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	1337 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	280 P.S.I.	Final Closed-in Pressure	45 Mins.	45 Mins.
F Second Final Flow Pressure	794 P.S.I.			
G Final Closed-in Pressure	1264 P.S.I.			
H Final Hydrostatic Mud	2238 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 1 Inc.		Breakdown: 10 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 ____ Min.		final inc. of ____ Min.		final inc. of ____ Min.		final inc. of ____ Min.	
Point Mins.	**Press.**	**Point Minutes**	**Press.**	**Point Minutes**	**Press.**	**Point Minutes**	**Press.**
P 1 0	64	0	218	0	280	0	794
P 2 5	218	3	1209	5	349	3	1107
P 3		6	1262	10	418	6	1149
P 4		9	1287	15	468	9	1173
P 5		12	1302	20	516	12	1190
P 6		15	1316	25	560	15	1204
P 7		18	1323	30	603	18	1217
P 8		21	1329	35	642	21	1225
P 9		24	1333	40	678	24	1233
P10		27	1335	45	711	27	1240
P11		30	1337	50	744	30	1246
P12				55	773	33	1250
P13				60	794	36	1256
P14						39	1259
P15						42	1262
P16						45	1264
P17							
P18							
P19							
P20							

Adair Oil Co & Pickrell Drlg. Co.
Wege "A"-1

T.K.T.# 12940
Test #2