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

Company Wiley Ash, Jr. Lease & Well No. Becker #1

Elevation 1301 Rotary Bush. Formation Kansas City Effective Pay - Ft. Ticket No. 334

Date 9-3-78 Sec. 2 Twp. 31S Range 3W County Sumner State Kansas

Test Approved by Toby Elster Western Representative William K. Hager

Formation Test No. 1 Interval Tested from 3308 ft. to 3330 ft. Total Depth 3330 ft.

Packer Depth 3303 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3308 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3318 ft. Recorder Number 1561 Cap. 3200

Bottom Recorder Depth (Outside) 3321 ft. Recorder Number 1562 Cap. 3150

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

Drilling Contractor Triangle Drlg. (#2) Drill Collar Length 210 I. D. 2 1/4 in.

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

Weight 10 Water Loss 13 cc. Drill Pipe Length 3078 I. D. 3.8 in.

Chlorides 39,000 P.P.M. Test Tool Size 4½FH in. Tool Joint Size 3½IF in.

Jars: Make - Serial Number - Anchor Length 22 ft. Size 4½FH in.

Did Well Flow? No Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in.

Blow: Strong blow throughout test.

Recovered 2880 ft. of gas in pipe

Recovered 50 ft. of oil gas mud

Recovered 210 ft. of foamy heavy oil cut mud with free oil

Recovered ft. of trace of water

Recovered ft. of

Remarks:

Time Set Packer(s) 1:30 ~~A.M.~~ P.M. Time Started Off Bottom 6:30 ~~A.M.~~ P.M. Maximum Temperature 117

Initial Hydrostatic Pressure ..... (A) 1786 P.S.I.

Initial Flow Period ..... Minutes 60 (B) 53 P.S.I. to (C) 81 P.S.I.

Initial Closed In Period ..... Minutes 60 (D) 578 P.S.I.

Final Flow Period ..... Minutes 120 (E) 85 P.S.I. to (F) 105 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 563 P.S.I.

Final Hydrostatic Pressure ..... (H) 1757 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 9-3-78 Test Ticket No. 334

Recorder No. 1561 Capacity 3200 Location 3318 Ft.

Clock No. - Elevation 1301 Rotary Bushing Well Temperature 117 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1786 P.S.I.	Open Tool	1:30P. M	
B First Initial Flow Pressure	53 P.S.I.	First Flow Pressure	60 Mins.	60 Mins.
C First Final Flow Pressure	81 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	578 P.S.I.	Second Flow Pressure	120 Mins.	120 Mins.
E Second Initial Flow Pressure	85 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	105 P.S.I.			
G Final Closed-in Pressure	563 P.S.I.			
H Final Hydrostatic Mud	1757 P.S.I.			

PRESSURE BREAKDOWN

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

Point	Mins.	Press.
P 1	0	53
P 2	5	39
P 3	10	41
P 4	15	44
P 5	20	52
P 6	25	55
P 7	30	61
P 8	35	63
P 9	40	67
P10	45	70
P11	50	74
P12	55	77
P13	60	81
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 20 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	81
3	112
6	147
9	190
12	233
15	284
18	327
21	363
24	398
27	432
30	464
33	487
36	506
39	524
42	538
45	550
48	558
51	566
54	570
57	574
60	578

Second Flow Pressure
Breakdown: 24 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	85
5	80
10	88
15	89
20	89
25	89
30	89
35	89
40	92
45	92
50	93
55	95
60	95
65	97
70	98
75	98
80	99
85	100
90	102
95	102

Cont'd on next page

Final Shut-In
Breakdown: 20 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	105
3	130
6	182
9	234
12	297
15	344
18	392
21	425
24	452
27	479
30	497
33	511
36	520
39	529
42	538
45	544
48	549
51	552
54	557
57	560
60	563

WESTERN TESTING CO., INC.

Pressure Data

Date 9-3-78 Test Ticket No. 334

Recorder No. 1561 Capacity 3200 Location 3318 Ft.

Clock No. - Elevation 1301 Rotary Bushing Well Temperature 117 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1786 P.S.I.		Open Tool	1:30P. M	
B	First Initial Flow Pressure	53 P.S.I.		First Flow Pressure	60 Mins.	60 Mins.
C	First Final Flow Pressure	81 P.S.I.		Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	578 P.S.I.		Second Flow Pressure	120 Mins.	120 Mins.
E	Second Initial Flow Pressure	85 P.S.I.		Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	105 P.S.I.				
G	Final Closed-in Pressure	563 P.S.I.				
H	Final Hydrostatic Mud	1757 P.S.I.				

PRESSURE BREAKDOWN

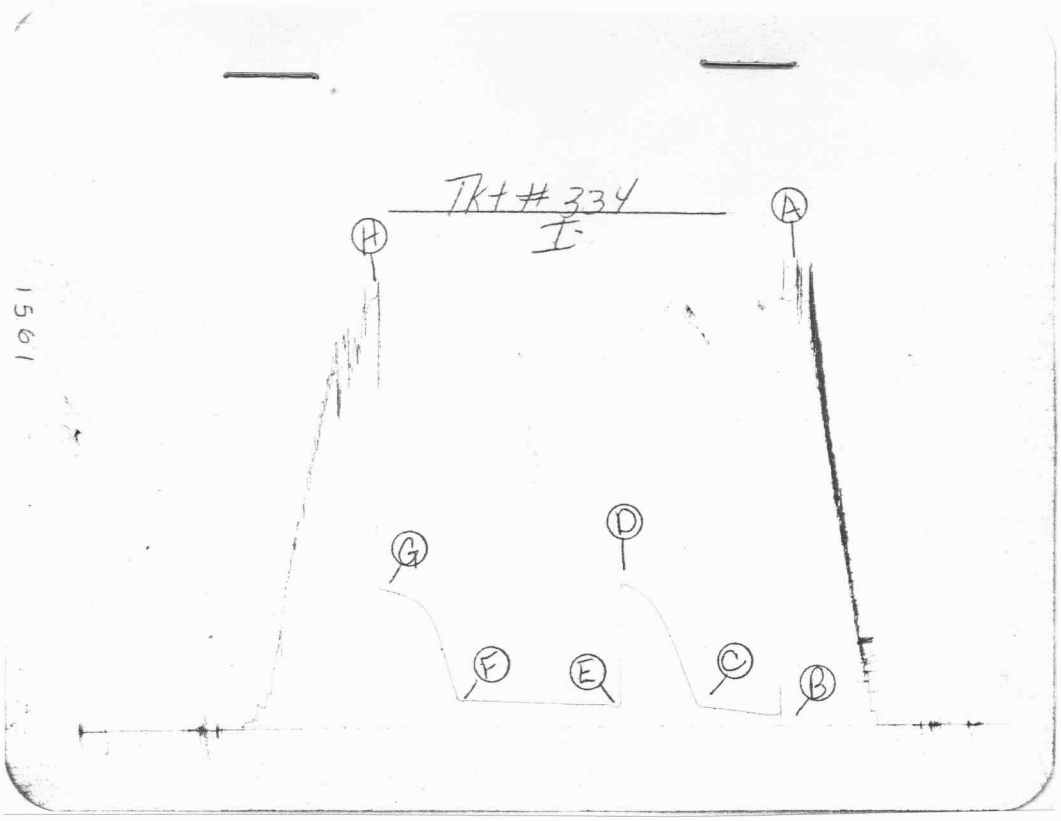
First Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 24 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 20 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				100	104		
P 2				105	105		
P 3				110	105		
P 4				115	105		
P 5				120	105		
P 6							
P 7							
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	958	1786	PSI
(B)	First Initial Flow Pressure	43	53	PSI
(C)	First Final Flow Pressure	78	81	PSI
(D)	Initial Closed-in Pressure	581	578	PSI
(E)	Second Initial Flow Pressure	78	85	PSI
(F)	Second Final Flow Pressure	109	105	PSI
(G)	Final Closed-in Pressure	565	563	PSI
(H)	Final Hydrostatic Mud	958	1757	PSI

COMPANY Wiley Ash, Jr. LEASE AND WELL NO. Becker #1 SEC. 2 TWP. 31S RGE. 3W TEST NO. 1 DATE 9-3-78