

Home Office: Great Bend, Kansas
P. O. Box 793 Gladstone 3-7903

5-185-9w

Company Abercrombie Drilling, Inc. Lease & Well No Guldner #1
Elevation 1754 Derrick Floor; Formation - Arb. Ticket Number 6013
Date Jan. 2, 1965 Sec. 5 Twp. 18S Range 9W County Rice State Kansas
Test Approved by Jack K. Wharton Western Representative W. M. Nething

Formation Test No. 1 O.K. Misrun Interval Tested From 3248' to 3253' Total Depth 3253'
Size Main Hole 6 3/4 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Packer Depth 3248 Ft. Size 5 1/2 Packer Depth 3243 Ft. Size 5 1/2
Straddle Yes No Conv. B.T. Damaged Yes No
Tool Size 4 1/2 OD Tool Jt. Size 4 1/2 FH & 3 1/2 IF Anchor Length 5 Ft. Size 4 1/2 OD

RECORDERS	Depth <u>3230</u> Ft	Clock No. <u>6866</u>	Depth <u>3233</u> Ft.	Clock No. <u>106</u>
	Top Make <u>Amerada</u> Cap. <u>3150</u> No. <u>1564</u>	Inside Outside	Bottom Make <u>Western</u> Cap. <u>4000</u> No. <u>17</u>	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 9:19 A M
Tool Open I.F.P. From 9:25A to 9:55A M Hr. 30 Min. From (B) 23 P.S.I. To (C) 40 P.S.I.
Tool Closed I.C.I.P. From 9:55A M. to 10:25 M. Hr. 30 Min. (D) 937 P.S.I.
Tool Open F.F.P. From 10:25A M. to 10:55 AM Hr. 30 Min. From (E) 54 P.S.I. To (F) 65 P.S.I.
Tool Closed F.C.I.P. From 10:55AM to 11:25 M. Hr. 30 Min. (G) 693 P.S.I.
Initial Hydrostatic Pressure (A) 1769 P.S.I. Final Hydrostatic Pressure (H) 1752 P.S.I.

SURFACE INFORMATION	Size Choke <u>3/8</u> in.	Max. Press. P.S.I.	Time	Description of Flow
			M.	
			M.	
			M.	

BLOW Good blow. Bottom Choke Size _____ in.
Did Well Flow Yes No Recovery Total Ft. 420' gas, 2' clean oil; 30' gassy oil slightly mud cut;
30' heavily gas oil cut mud ~~xxx~~ slightly watery. Mud

Reversed Out Yes No Mud Type starch Viscosity 43 Weight 10.1 Maximum Temp. 113 °F
EXTRA EQUIPMENT: Dual Packers dual Safety Joint no Jars: Size no Make _____ Ser. No. _____
Type Circ. Sub. plug Did Tool Plug? _____ Where? _____ Did Packer Hold? Yes
Length Drill Pipe 2324 ft. I.D. Drill Pipe 2.7 in. Length Weight Pipe 837 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars 57 ft.
I. D. Drill Collars 2 1/4 in. Length D. S. T. Tool 35 ft.

Remarks 60' heavily gas cut slightly oil cut muddy water.

WESTERN TESTING CO., INC.

Pressure Data

Date January 2, 1965

Recorder No. 1564

Test Ticket No. 6013

Clock No. 6866

Capacity 3150

Location 3230 Ft.

Elevation 1754 Derrick Floor

Well Temperature 113 °F

Point	Pressure		Time Given	Time Computed
Initial Hydrostatic Mud	<u>1769</u>	P.S.I.	<u>9:19A</u> M	
First Initial Flow Pressure	<u>23</u>	P.S.I.	<u>30</u> Mins.	<u>29</u> Mins.
First Final Flow Pressure	<u>40</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
Initial Closed-in Pressure	<u>937</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
Second Initial Flow Pressure	<u>54</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
Second Final Flow Pressure	<u>65</u>	P.S.I.	<u>30</u> Mins.	<u>27</u> Mins.
Final Closed-in Pressure	<u>693</u>	P.S.I.		
Final Hydrostatic Mud	<u>1752</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Press.

Initial Shut-in

Second Flow Pressure

Final Shut-In

Breakdown: 5 Inc.
of 5 mins. and a
final inc. of 4 Min.

Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

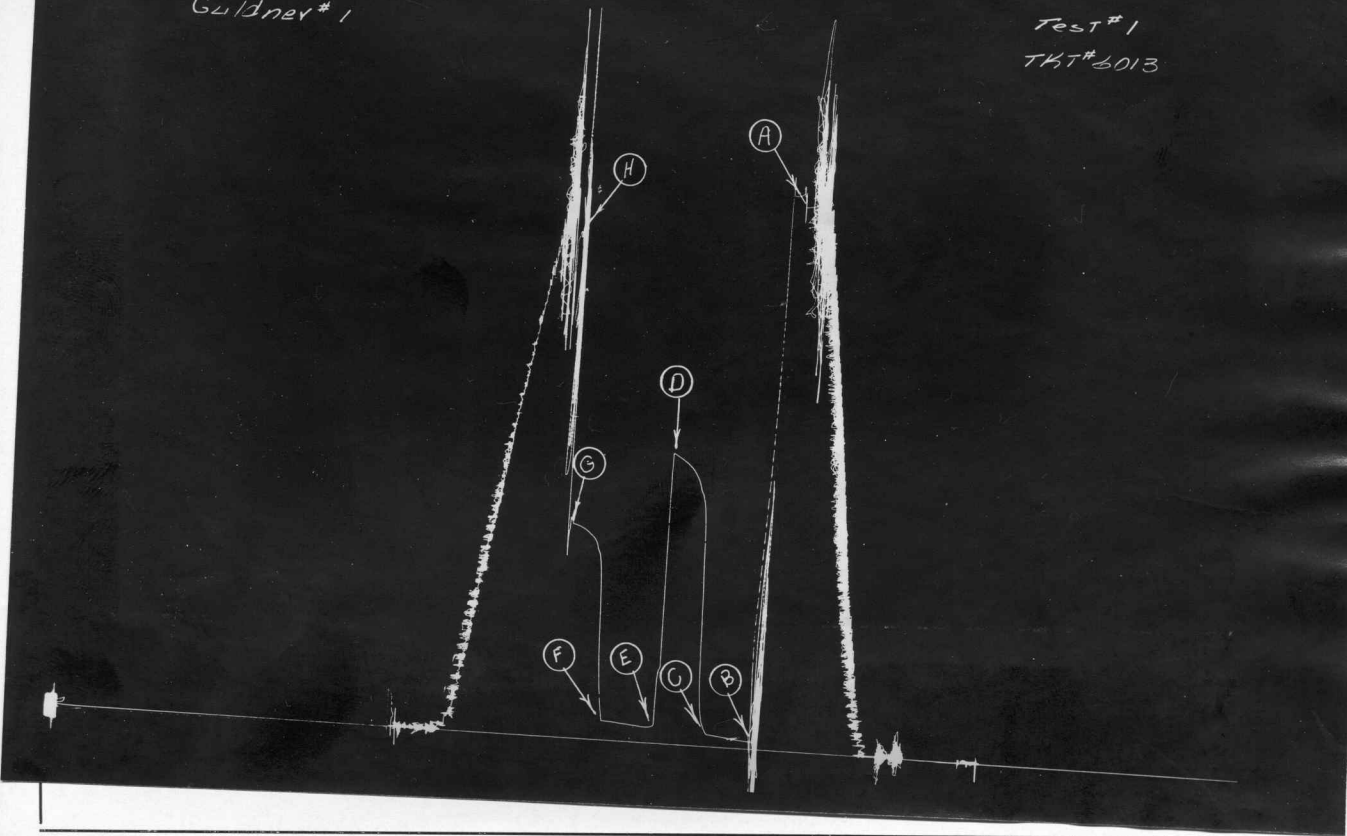
Breakdown: 9 Inc.
of 3 mins. and a
final inc. of 0 Min.

Time	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
0	23	0	40	0	54	0	65
5	24	3	88	5	55	3	236
10	27	6	365	10	56	6	554
15	32	9	741	15	57	9	626
20	35	12	821	20	60	12	654
25	38	15	865	25	63	15	668
29	40	18	890	30	65	18	680
		21	905			21	687
		24	918			24	690
		27	926			27	693
		30	937				

STATEMATE DRILLING, INC. LEASE AND WELL NO. GUIDNER #1 SEC. 5 TWP. 18S RGE. 9W TEST NO. 1 DATE 1-2-65

Abercrombie Drlg. Inc.
Guldner #1

Test #1
TKT# 6013



This is an actual photograph of recorder chart.

POINT	PRESSURE	PSI
(A) Initial Hydrostatic Mud	1769	PSI
(B) First Initial Flow Pressure	23	PSI
(C) First Final Flow Pressure	40	PSI
(D) Initial Closed-in Pressure	937	PSI
(E) Second Initial Flow Pressure	54	PSI
(F) Second Final Flow Pressure	65	PSI
(G) Final Closed-in Pressure	693	PSI
(H) Final Hydrostatic Mud	1752	PSI