

FORMATION TEST REPORT

COMPANY Eureka Drilling Co.

LEASE AND WELL NO

Babson # 1

9

25

11

TEST NO.

DATE

9-27



HOME OFFICE:

GREAT BEND, KANSAS

P. O. BOX 793

PHONE 793-7903



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

Company Eureka Drilling Co. Lease & Well No. Babson # 1
Elevation 1147 Kelly Bushing Formation Bartsville Effective Pay 15 Ft. Ticket No. 13273
Date 9-25-69 Sec. 9 Twp. 25 Range 11 County Greenwood State Kansas
Test Approved by Sherrill Compton Western Representative Jack Toelkes
Formation Test No. 1 O.K. ☒ Misrun Interval Tested From 1670' to 1711' Total Depth 1711'
Size Main Hole 7 7/8 Rat Hole Conv. B.T. ☒ Damaged Yes ☒ No Conv. B.T. ☒ Damaged Yes ☒ No
Packer Depth 1665 Ft. Size 6 3/4 Packer Depth 1670 Ft. Size 6 3/4
Straddle Yes No ☒ Conv. B.T. Damaged Yes No
Packer Depth Ft. Size
Tool Size 4 1/2" OD Tool Jt. Size 3 1/2" IF Anchor Length 41 Ft. Size 4 1/2" OD
RECORDERS Depth 2475 Ft. Clock No. 6859 Depth 2478 Ft. Clock No. 8474
Top Make Kuster Cap. 3150 No. 1565 Inside Outside Bottom Make Kuster Cap. 3150 No. 1564 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 6:02P M
Tool Open I.F.P. From 6:05 M. to 6:35P M. Hr. 30 Min. From (B) 69 P.S.I. To (C) 246 P.S.I.
Tool Closed I.C.I.P. From 6:35 M. to 7:05P M. Hr. 30 Min. (D) 659 P.S.I.
Tool Open F.F.P. From 7:05 M. to 8:05P M. Hr. 60 Min. From (E) 279 P.S.I. To (F) 457 P.S.I.
Tool Closed F.C.I.P. From 8:05 M. to 8:50P M. Hr. 38 45 Min. (G) 661 P.S.I.
Initial Hydrostatic Pressure (A) 821 P.S.I. Final Hydrostatic Pressure (H) 818 P.S.I.
SURFACE Size Choke 1/4 In. Max. Press. P.S.I. Time Description of Flow
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Strong- decrease to weak Bottom Choke Size _____ In.
Did Well Flow ☒ Yes _____ No Recovery Total Ft. Gas to surface 40 minutes--1171 feet total fluid--
1171 feet clean gassy oil--- 42 gravity corrected
Reversed Out ☒ Yes ☒ No Mud Type chem Viscosity 36 Weight 9.9 Water Loss 14.8 cc. Maximum Temp. 105 °F
Type Circ. Sub. plug Did Tool Plug? no Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers yes Safety Joint _____ Did Packer Hold? yes Where? _____
Length Drill Pipe 1437 ft. I.D. Drill Pipe 2.7 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 210 ft.
I. D. Drill Collars 2.25 in. Length D.S.T. Tool 64 ft.

Remarks

WESTERN TESTING CO., INC. Pressure Data

Date 9-25-69 Test Ticket No. 13273
Recorder No. 1565 Capacity 3150 Location 2475 Ft.
Clock No. 6859 Elevation 1147 Kelly Bushing Well Temperature 105 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>821</u> P.S.I.	Open Tool	<u>6:05P</u> M	
B First Initial Flow Pressure	<u>69</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>246</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>29</u> Mins.
D Initial Closed-in Pressure	<u>659</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>59</u> Mins.
E Second Initial Flow Pressure	<u>279</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>44</u> Mins.
F Second Final Flow Pressure	<u>457</u> P.S.I.			
G Final Closed-in Pressure	<u>661</u> P.S.I.			
H Final Hydrostatic Mud	<u>818</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of Min.

Initial Shut-In
Breakdown: 9 Inc.
of 3 mins. and a
final inc. of 2 Min.

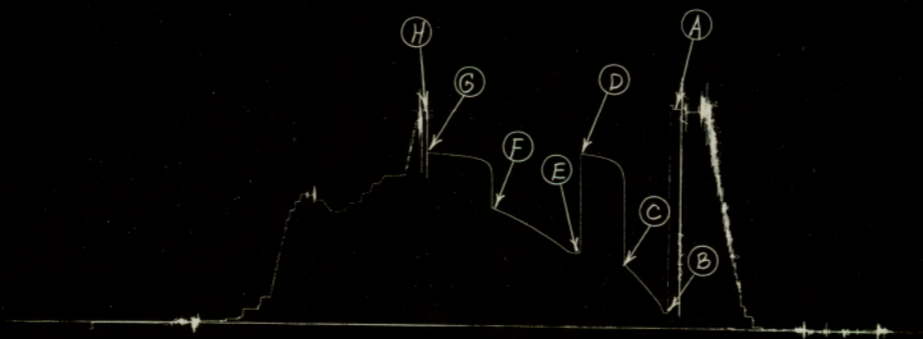
Second Flow Pressure
Breakdown: 11 Inc.
of 5 mins. and a
final inc. of 4 Min.

Final Shut-In
Breakdown: 14 Inc.
of 3 mins. and a
final inc. of 1 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>69</u>	<u>0</u>	<u>246</u>	<u>0</u>	<u>279</u>	<u>0</u>	<u>457</u>
P 2 <u>5</u>	<u>91</u>	<u>3</u>	<u>613</u>	<u>5</u>	<u>287</u>	<u>3</u>	<u>623</u>
P 3 <u>10</u>	<u>130</u>	<u>6</u>	<u>677</u>	<u>10</u>	<u>302</u>	<u>6</u>	<u>634</u>
P 4 <u>15</u>	<u>161</u>	<u>9</u>	<u>637</u>	<u>15</u>	<u>323</u>	<u>9</u>	<u>639</u>
P 5 <u>20</u>	<u>193</u>	<u>12</u>	<u>643</u>	<u>29</u>	<u>342</u>	<u>12</u>	<u>643</u>
P 6 <u>25</u>	<u>223</u>	<u>15</u>	<u>648</u>	<u>25</u>	<u>359</u>	<u>15</u>	<u>648</u>
P 7 <u>30</u>	<u>246</u>	<u>18</u>	<u>651</u>	<u>30</u>	<u>376</u>	<u>18</u>	<u>650</u>
P 8 <u> </u>	<u> </u>	<u>21</u>	<u>654</u>	<u>35</u>	<u>394</u>	<u>21</u>	<u>652</u>
P 9 <u> </u>	<u> </u>	<u>24</u>	<u>656</u>	<u>40</u>	<u>408</u>	<u>24</u>	<u>654</u>
P10 <u> </u>	<u> </u>	<u>27</u>	<u>658</u>	<u>45</u>	<u>422</u>	<u>27</u>	<u>655</u>
P11 <u> </u>	<u> </u>	<u>29</u>	<u>50 659</u>	<u>43 50</u>	<u>430</u>	<u>29 30</u>	<u>656</u>
P12 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>55</u>	<u>446</u>	<u>33</u>	<u>658</u>
P13 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>59</u>	<u>457</u>	<u>36</u>	<u>659</u>
P14 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>39</u>	<u>660</u>
P15 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>42</u>	<u>661</u>
P16 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>43</u>	<u>661</u>
P17 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P18 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P19 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P20 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Eureka DrLg. Co.
Babson #1

T.K.T. # 13273
Test # 1



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	825	821	PSI
(B) First Initial Flow Pressure	62	69	PSI
(C) First Final Flow Pressure	244	246	PSI
(D) Initial Closed-in Pressure	660	659	PSI
(E) Second Initial Flow Pressure	275	279	PSI
(F) Second Final Flow Pressure	449	457	PSI
(G) Final Closed-in Pressure	660	661	PSI
(H) Final Hydrostatic Mud	810	818	PSI