

Formation Morrow Type Test Hook Straddle Date August 30, 1981
 Anchor Length and Size 28' x 4 1/2" Total Depth 5493'
 Packer Depths 5320' & 5325' Below Straddle 5353'
 Equipment Run 3 Packers, Jars, Safety Joint, Circulating sub., Straddle Assembly,
Sidewall Hook Assembly
 Lengths: Tool 60' D. P. 5076' ID 3.8" Wt. P. _____ ID _____ D. C. 243' ID 2.25"
 Mud Type Chemical Vls. 66 Wt. 9.0 Wtr. Loss 13.2 Cl. 18,000 ppm
 Recorders: Depth 5340' Make Kuster Cap. 6500 Ser. No. 10269 Inside
 Depth 5349' Make Kuster Cap. 6450 Ser. No. 10268 Outside
 Depth 5362' Make H & T Cap. 6000 Ser. No. 23 Below Straddle

Pressures:

Tool on Bottom @ 3:50 A. M.
 Initial Flow 30 Min.
 Initial Shut-In 60 Min.
 Final Flow 61 Min.
 Final Shut-In 122 Min.
 Tool off Bottom @ 8:20 A. M.

Initial Hydrostatic 2639 psi
 IFP 26 psi to 32 psi
 ISIP 1931 psi
 FFP 13 psi to 16 psi
 FSIP 1934 psi
 Final Hydrostatic 2629 psi

Temp. 128

Blow: Strong throughout test. Gas to surface 5 minutes into Final Flow.

Recovery: 60' Mud

Gas Flow:

Sampler Data:

Pressure _____ PSI
 Gas _____ cu. ft.
 Total Fluid _____ cc
 Oil _____ cc
 Water _____ cc
 Mud _____ cc
 Oil Gravity _____ @ _____ °F.
 Gas/Oil Ratio _____

Remarks:

Hit bridges @ 3665'; 3790'; 3860'; 4540';
 & 4780'.

Tester R.L. Young Witnessed by: Edgar J Huff

SEC. 23 TWP. 33S RGE. 21W

COUNTY Clark

STATE Kansas

TICKET NO. 1566

Black Dome Energy Corporation
 OPERATOR

Combrink #1
 WELL NAME & NO.

TEST #

5325' - 5353'
 TEST INTERVAL

Pressure Break Down

Test ticket no. 1566 Recorder no. 10269 Capacity 6500 Rec. Depth. 5340'

	Time	Given 30	Computed 30
Initial Flow pressure _____ 26 _____ to _____ 32 _____			
Initial Closed in pressure _____ 1931 _____		60	60
Final Flow pressure _____ 13 _____ to _____ 16 _____		60	61
Final Closed-in pressure _____ 1934 _____		120	122
Initial Hydrostatic pressure _____ 2639 _____	Final Hydrostatic press. _____ 2629 _____		Temp ¹²⁸ _____

Initial Flow Press.

Minutes	Press
0	26
5	26
10	26
15	29
20	29
25	32
30	32
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	
95	
100	
105	
110	
115	
120	

Initial Closed in Press.

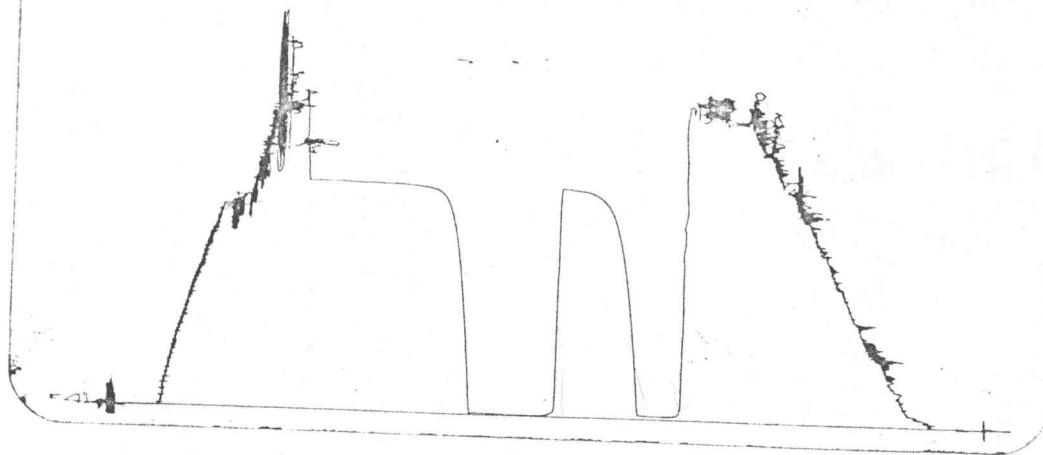
Minutes	Press
0	32
3	295
6	688
9	977
12	1228
15	1450
18	1591
21	1702
24	1761
27	1813
30	1849
33	1875
36	1888
39	1901
42	1915
45	1915
48	1921
51	1921
54	1924
57	1928
60	1931
63	
66	
69	
72	
75	
78	
81	
84	
87	
90	
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

Final Flow Press

Minutes	Press
0	13
5	13
10	13
15	13
20	13
25	13
30	13
35	13
40	13
45	13
50	13
55	16
60	16
61 68	16
70	
75	
80	
85	
90	
95	
100	
105	
110	
115	
120	
125	
130	
135	
140	
145	
150	
155	
160	
165	
170	
175	
180	

Final Closed in Press.

Minutes	Press
0	16
3	347
6	770
9	1120
12	1401
15	1607
18	1738
21	1823
24	1859
27	1885
30	1898
33	1905
36	1908
39	1911
42	1918
45	1918
48	1921
51	1921
54	1921
57	1924
60	1924
63	1924
66	1924
69	1924
72	1924
75	1924
78	1924
81	1924
84	1924
87	1924
90	1924
93	1931
96	1931
99	1931
102	1931
105	1931
108	1931
111	1934
114	1934
117	1934
120	1934
122	1934



Initial Hydrostatic _____ 2639 _____ psi
 IFP _____ 26 _____ psi to _____ 32 _____ psi
 ISIP _____ 1931 _____ psi
 FFP _____ 13 _____ psi to _____ 16 _____ psi
 FSIP _____ 1934 _____ psi
 Final Hydrostatic _____ 2629 _____ psi

