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OIL & GAS
CONSERVATION COMMISSION

Geologic Report
ANSCHUTZ DRILLING CO. #1 REAGAN
Logan County, Colorado

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Geologic Report

ANSCHUTZ DRILLING CO. #1 REAGAN

Logan County, Colorado

Location: NW NW NE Section 5-9N-55W, Logan Co., Colo.

Elevation: 4444Gr, 4454KB

Casing: 8 5/8"-177'-125

T.D.: 5740 Driller, 5743 Schlumberger

Spudded: November 19, 1955

Completed: November 29, 1955 P & A

Schlumberger tops:

Niobrara	4735 (-281)
Ft. Hays	5048 (-594)
Carlile	5101 (-647)
Greenhorn	5284 (-830)
Bentonite	5458 (-1004)
"D"	5561 (-1107)
"J"	5660 (-1206)
Skull Creek	5719 (-1265)

"D" Sandstone

The "D" had no shows and appeared to have poor porosity in the sand zones. No cores or tests were taken.

"D" Sample Description

5560-65 sh, gr and blk
70 ss, f gr mostly tight, NS
70 (circ 20 min.) same
70 (circ 40 min.) ss, f gr ptly shaly, tight, tr
pyrite in ss, NS
70 (circ 60 min.) same with more blk sh
73 ss, vf to f, tight, NS, blk sh
73 (circ 20 min.) same
80 sh, blk, tr ss, NS (after trip)
85 sh, gr and blk, ss, gr to br, mostly clay-
filled, NS
90 sh, gr and blk, ss, gr to br, tight, NS
95 ss, f gr mostly tight, NS, gr and blk sh,
pyrite
5600 same with mostly sh

"J" Sandstone

The "J" had no shows. There appeared to be very minor amounts of porous sand. There were no cores or tests.

"J" Sample Description

- 5650-60 sh, gr and blk and gr silt
- 65 same with tr vf gr ss, tight, NS
- 70 ss, vf gr to br, tight, NS
- 70 (circ 20 min.) ss, f lt gr, mostly tight, NS
- 70 (circ 40 min.) same
- 75 same
- 80 ss, f lt gr, ptly tight, NS
- 80 (circ 20 min.) same
- 80 (circ 40 min.) same with more gr sh
- 85 ss, vf to f, ptly clay-filled, mostly tight, NS
- 90 ss, vf to f, ptly shaly, tight, NS, more sh
- 95 sh, gr, small amt of above ss
- 99 ss, f lt gr, ptly tight, NS, gr sh
- 99 (circ 20 min.) same with more sh
- 99 (circ 40 min.) same
- 5705 ss, vf to f gr, ptly shaly, tight, NS, gr and blk sh
- 10 sh, gr and blk, small amt of above ss
- 15 ss, vf gr tight, NS
- 20 ss, f gr ptly shaly, NS
- 25 ss, vf to f gr tight ptly shaly, NS, tr siderite?
- 30 sh, gr and blk, ss, vf to f, tight, ptly shaly, NS, tr pyrite
- 35 sh, gr and blk, ss, f dk gr shaly, NS
- 40 same
- 40 (circ 30 min.) sh, gr and blk, gr silt and shaly ss, NS
- 40 (circ 60 min.) same

Drilling Time

4650-60 13 Drlg with
70 13 OSC-3
80 10
90 11
4700 8
4700-10 10
20 12
30 15
40 13
50 17
60 16
70 16
80 20
90 18
4800 16
4800-10 15
20 14
30 12
40 15
50 15
60 16
70 16
80 20
90 18
4900 14
4900-10 15
20 14
30 14
40 13
50 16
60 16
70 16
80 17
90 27
5000 13
5000-10 20
20 20
30 16
40 16
50 26
60 32
70 36
80 43
90 45 NB @ 5081
5100 18 OSC-3
5100-10 19
20 21
30 29
40 27
50 20

5150-50 27
70 27
80 24
90 34
5200 36
5200-10 28
20 36
30 31
40 28
50 33
60 33
70 29
80 34
90 33 NB @ 5289
5300 34 OSC-3
5300-10 30
20 31
30 24
40 21
50 24
60 21
70 23
80 24
90 24
5400 29
5400-10 25
20 27
30 29
40 28
50 18
60 24
70 32
80 16
90 22
5500 20
5500-10 18
20 30
30 24
40 20
50 22

51 2
52 2
53 3
54 2
55 2
56 2
57 3
58 2
59 2

5559-80 2

61 2

62 3

63 4

64 6

65 8

66 8

67 9

68 8

69 12

70 12

71 8

72 16

73 19

74 6 NB @ 5573

75 4 OWV

76 5

77 6

78 4

79 5

80 4

81 9

82 8

83 6

84 7

85 7

86 5

87 5

88 4

89 3

90 3

91 4

92 4

93 5

94 7

95 8

96 7

97 7

98 6

99 11

5600 6

5600-01 9

02 6

03 8

04 6

05 6

06 5

07 6

08 3

09 7

10 4

11 3

5611-12 3

13 4

14 7

15 5

16 5

17 4

18 5

19 5

20 6

21 4

22 4

23 4

24 3

25 3

26 3

27 4

28 2

29 2

30 3

31 3

32 5

33 3

34 3

35 3

36 5

37 5

38 5

39 7

40 9

41 10

42 10

43 11

44 9

45 10

46 8

47 11

48 10

49 8

50 6

51 7

52 8

53 10

54 5

55 10

56 10

57 7

58 10

59 13

60 9

61 11

62 8

63 7

5663-64 9
65 9
66 10
67 12
68 10
69 9
70 14
71 3
72 4
73 4
74 6
75 6
76 6
77 7
78 5
79 3
80 9
81 11
82 8
83 5
84 11
85 16
86 5
87 7
88 4
89 2
90 3
91 7
92 3
93 2
94 2
95 3
96 10
97 12
98 17
99 18

5700 6 NB @ 5699
5700-01 6 OWV

02 5
03 3
04 2
05 3
06 3
07 5
08 3
09 4
10 3
11 3
12 5
13 7
14 6
15 7

5715-16 6
17 8
18 10
19 11
20 9
21 11
22 13
23 12
24 11
25 11
26 13
27 14
28 11
29 13
30 11
31 9
32 10
33 12
34 11
35 11
36 12
37 8
38 9
39 8
5740 7 T.D.

7 7/8" hole size