



00053936

SUMMARY

OPERATOR	W. G. Rogers
WELL	Warren #B-1
LOCATION	C SW NW, Section 12, T.2N.-R.49W Washington County, Colorado
ELEVATION	4196 GR 4204 KB
DATE STARTED	August 10, 1964
SURFACE CASING	389' of 8-5/8" @ 396 w/290 sxs
CORE	'D' Sand 3834 - 3872
DRILL STEM TEST	'D' Sand 3852 - 3859 'D' Sand 3862 - 3872
DUAL INDUCTION-LATEROLOG	Surface Casing to Total Depth
SONIC LOG	3700' to Total Depth
CONTRACTOR	Exeter Drilling Company
STATUS	Plugged and Abandoned

LOG TOPS

<u>Formation</u>	<u>Depth</u>
Niobrara	2975
Carlile	3452
Greenhorn	3598
Bentonite	3744
'D' Sand	3829 (✓ 375)
'J' Sand	3924 (✓ 280)
Total Depth Reached	3974
Driller's TD	3976

CORE AND SAMPLE DESCRIPTION

3829 - 3834	Shale, black, silty, soft; traces of sandstone, fine grained, fair porosity, good fluorescence.
Core #1	3834 - 3872, recovered 37'
17'	Shale and sandstone, interbedded, reworked in part, hard, tite, no show.
1'	Sandstone, very fine grained, fair porosity, low permeability, very shaley, very spotty stain and fluorescence.
8'	Sandstone, fine grained, good porosity and permeability, few scattered black shale beds up to 1" thick, poor to fair odor, fair to good stain and fluorescence.
1'	Shale, black, silty, hard.
10'	Sandstone, fine grained, very good porosity and permeability, fair odor, good stain and fluorescence, bleeding water.
3872 - 3890	Sandstone as above; some with no show.
3890 - 3925	Shale, black, silty to sandy in part, medium; some bentonite and pyrite.
3925 - 3976	Sandstone, white, very fine to fine grained, silty in part, some clay-filling, good porosity, no show; shale as above.

CORING TIME

<u>Depth</u>	<u>Interval</u>	<u>Time - Minutes/Interval</u>
3834-3872	1'	16 - 15 - 13 - 16 - 17 - 15 - 18 - 17 - 17 - 17 - 19 - 16 - 19 - 18 - 16 - 16 - 19 - 14 - 18 - 21 - 25 - 25 - 15 - 23 - 22 - 13 - 24 - 21 - 22 - 23 - 21 - 23 - 27 - 23 - 32 - 36 - 36 - 21.

DRILL STEM TEST

DST #1 3852 - 3859', open 2 hours, shut-in 30 minutes, weak blow with gradual increase to good blow in 17 minutes to end of test, recovered 570' of water. Pressures: IH 2295#, FH 2252#, IF 22#, FF 265 and SIBH 574#.

DST #2 3862 - 3872', open 1 hour, shut-in 30 minutes, strong blow decreasing to weak in 10 minutes and dead in 55 minutes, recovered 1450' of water with scum of oil on top. Pressures: IH 2274#, FH 2252#, IF 397#, FF 614# and SIBH 658#.

BIT RECORD

<u>Make</u>	<u>Size</u>	<u>Type</u>	<u>From - To</u>	<u>Footage</u>
Smith	7-7/8	DT	403-3636	3233
HTC	7-7/8	OSC	3636-3834	198
D&S	6-1/8	Diamond	3834-3872	38
Reed	7-7/8	YSIR	3872-8976	104

STATUS

The W. G. Rogers - Warren #B-1 was plugged and abandoned August 14, 1964.
