



STATISTICS

Operator: Clark Oil & Refining Corporation

Well: No. 1 Svacina

Location: SE SE Section 13, Township 8 North, Range 55 West
Logan County, Colorado

Elevation: 4260 feet (Ground)
4270 feet (Kelly Bushing)

Field: Wildcat

Spud Date: April 8, 1964

Completion Date: April 15, 1964

Total Depth: 5334 feet Driller Measurement
5339 feet Lane Wells Measurement

Casing: Surface pipe: ran four joints of 8-5/8-inch,
24 pound, D casing, cemented at 120 feet (K.B.)
with 100 sacks regular cement with 2% calcium
chloride.

Production: Dry and Abandoned

Contractor: Allison Drilling Company
910 Western Federal Savings Building
Denver, Colorado

Geologist: Gaither M. Randall

Logs: Lane Wells Induction-Electrical Log:
120 feet to 5339 feet
Lane Wells Microlog with caliper:
5040 feet to 5338 feet

**BEST IMAGE
AVAILABLE**

06-075-05784



ELECTRIC LOG FORMATION TOPS

<u>Formation</u>	<u>Depth</u>	<u>Subsea Datum</u>
Pierre	1010	✓ 3260
Niobrara	4340	- 70
Fort Hays	4672	- 402
Carlille	4700	- 430
Greenhorn	4882	- 612
Bentonite	5048	- 778
"D" Sand	5139	- 869
"J" Sand	5235	- 965

DRILL STEM TESTS

Drill Stem Test No. 1: 5244-5255 feet (straddle test, two packers above and one packer below)
 Initial Shut in time: 33 minutes
 Tool Open: 60 minutes
 Final Shut in time: 30 minutes

Strong steady blow throughout test.
 Recovered 270 feet very slightly gas cut mud and
 636 feet very highly gas cut water.

Initial Hydrostatic Pressure: 3009#
 Final Hydrostatic Pressure: 2925#

Initial Flow Pressure: 164#
 Final Flow Pressure: 399#

Initial Shut in Pressure: 1317#
 Final Shut in Pressure: 1211#



RECEIVED
 APR 23 1964

DEVIATION RECORD

OIL & GAS
 CONSERVATION COMMISSION

<u>Depth</u>	<u>Deviation</u>
133 feet	1/2°
2897 feet	1°
4591 feet	1°
5187 feet	1°

BIT RECORD

<u>Bit No.</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>Serial No.</u>	<u>From</u>	<u>To</u>	<u>Footage</u>	<u>Hours</u>
1	7-7/8"	Sec.	S-3	742512	133	2897	2764	22-3/4
2	7-7/8"	Sec.	S-3	493236	2897	4571	1674	24-3/4
3	7-7/8"	Sec.	S-3	742516	4571	5187	616	21-1/2
4	7-7/8"	Sec.	M4L	681041	5187	5264	77	9-1/2
5	7-7/8"	Sec.	M4N	749990	5264	5334	70	

PLUGGING RECORD

The hole was filled with heavy mud. A 15 sack cement plug was placed at the base of the surface casing and a 10 sack plug at the top of the surface casing.

Gaither M. Randall
 Gaither M. Randall

GMR:mdh