OIL & GAS
CONSERVATION COMMISSION

OPERATOR: Signet Operating & Exploration Company
245 Petroleum Club Building
Denver 2, Colorado

LEASE: #1 Welsh

LOCATION: C SE SW SECTION 23, T-9N, R-53W
Logan County, Colorado

ELEVATION: 4179' Ground Level
4189' Kelly Bushing

SFUD: 13 May 1959

COMPLETED: 20 May 1959

TOTAL DEPTH: 4978 Driller
4980 Electric Log

SURFACE CASING: Set 33' of 10-3/4 at 40' with 1-1/2 yards cement.

CORE DATA: Core #1 4822 - 4833 "D"
Core #2 4922 - 4947 "J"

DST DATA: None

ELECTRIC LOGS: 1. Induction - Electric Log from 4974' to 41'.
2. Micro Log from 4974' to 4700'.

RIG TYPE: Unit 15

CONTRACTOR: Roy E. Shoaff Drilling Company
435 Petroleum Club Building
Denver 2, Colorado

PUSHER: Mr. George Shoaff
Box 381
Kimball, Nebraska

BIT RECORD:

	<u>Run</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>From</u>	<u>To</u>	<u>Feet</u>	<u>Hours</u>
	1	7-7/8	CP	ESIC	30	3229	3198	23-1/4
	2	7-7/8	HTC	OSC3J	3229	4305	1076	14-1/2
	3	7-7/8	HTC	OSC-3	4305	4822	517	9
	4	7-7/8	HTC	OWV	4822	4922	100	5-1/2
	5	7-7/8	HTC	OWV	4922	4978	56	6
	Core #1	7-3/4	D&S Diamond		4822	4833	11	3-3/4
	Core #2	7-3/4	D&S Diamond		4922	4947	25	9-3/4

MUD: Jell and Chemical with Oil Mix.

STATUS: Dry and abandoned.

ELECTRIC LOG FORMATION TOPS

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Niobrara	3976	/213
Fort Hays	4310	-121
Codell	4353	-164
Carlile	4359	-170
Greenhorn	4574	-385
Bentonite	4718	-529
"D"	4815	-626
"J"	4922	-733
Total Depth	4980	

CORE DATA

Core #1 4822 - 4833 ("D") Cut 11' Recovered 11'
11' Reworked sand and shale, No shows.

Core #2 4922 - 4947 ("J") Cut 25' Recovered 22-1/2'
5' Reworked sand and shale
4' Alternating sand and shale
2-1/2' Sandstone, very fine grained,
slight permeability and porosity, with
thin shale streaks. No shows.
11' Alternating sand and shale.

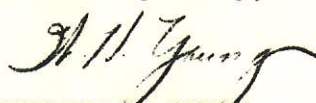
CONCLUSION

"D" SAND: No shows were encountered in the "D" and no
drill stem tests were deemed necessary. The
"D" Sand ran 16' lower than anticipated.

"J" SAND: No shows were encountered in the "J" and no
drill stem tests were deemed necessary. The
"J" Sand ran 23' lower than anticipated.

In view of the lack of shows of oil or gas it
was recommended that the well be plugged and
abandoned as a dry hole. In view of the low
structural position of the acreage, it is
recommended that no further wells be drilled
and that no rentals be paid on the lease.

Yours very truly,


WILLIAM H. YOUNG