

REMARKS: Geological Formations: Surface - Mancos Bottom - Morrison  
 Fresh water at 425', salt water 600' and 870', showing of oil 910'.

*Have file - 1-31-69*  
*(No file) Bul. 50*

DATE FILED **Prior OGCC**

LAND: FEE & PATENTED STATE LEASE NO.

PUBLIC LEASE NO. **X**

INDIAN

DRILLING APPROVED: **Prior OGCC**

SUDDEN IN:

COMPLETED:

INITIAL PRODUCTION:

GRAVITY A. P. I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH: **920**

WELL ELEVATION: **4800?**

DATE ABANDONED: **1913**

FIELD OR DISTRICT: ~~Ten Mile Wash~~ **3/86 Wildcat**

COUNTY: **Grand**

WELL NO. **Hagen #1**

*API NO - 43-019-11509*

LOCATION: FT. FROM (N) (S) LINE,

FT. FROM (E) (W) LINE. **SESE**

QUARTER - QUARTER SEC. **18**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				23S	19E	18	HAGEN

16  
26

HOGAN WELL NO. QUEEN 1  
SE SE $\frac{1}{4}$  SE $\frac{1}{4}$  18-23S-19E., Ref. No. 1

	<u>ELEVATION</u>	4800'
No information in Salt Lake files.	<u>SURFACE</u>	Mancos
	<u>LOWEST</u>	Morrison
	T. D.	920'

"The upper 410 feet of this well is believed to be in the Mancos shale, the remainder being in the Dakota sandstone and McElmo formation. At a depth of 425' fresh water was found in a white sand (probably Dakota), and at 600 feet salt water was encountered. Salt water was again encountered at 870 feet and a "showing" of oil at 910 feet. Drilling was discontinued at 920 feet, the casing pulled, and the well abandoned." USGS Bulletin 541, p. 119)