Geological Guevey

Gabbert-Jones, inc.

Wichita, Kansas

DRILLERS' WELL LOG

OPERATOR: MAHONEY DRILLING CO. & MALLONEE-MAHONE, INC.

Lake #1

2805

2928

2995

3075

C-NE-NW Sec 12-31S-14W Barber County Kansas

Commenced: 6-23-76

Completed: 6-30-76

Depth Formation Remarks From to Ran 8 jts of 8 5/8" csg set Surface Clay-Rock 0 35 @ 330' Cemented w/200 sks 35 332 Redrock-Shale 50/50 Posmix - 100 sks Common 332 976 Redbed-Shale PD @ 5:30 a.m. 6-24-76 Shale-Shells 976 1820 1820 2165 Lime-Shale Lime 2165 2787 2805 Shale 2787

> Ran 94 jts of 10½# gag 4½" csg seg @ 2890' Cemented 2/ 200 sks 50/50 Posmix 12½# Gilsonite per sack PD @ 11:00 a.m. 6-30-76

STATE OF KANSAS

COUNTY OF SEDGWICK)

2928

2995

3075

3168

I, the undersigned, being duly sworn on oath, state that the above Drillers' Log is true and correct to the best of my knowledge and belief and according to the urecords of this office.

GABBERT-JONES, INC.

TAMES S. SUTTON II

Subscribed and sworn to before me this 6th day of July, 1976.

Lime-Shale

Lime-Shale

Line

Lime

LIZABETH J. EDWARDS-NOTARY PUBLIC

My Commission expires February 6, 1979.