

WELL LOG

COMPANY Gruss Petroleum

SEC. 3 T. 22S R. 11W

FARM Quivira Refuge

NO. 1

LOC. NE-NW-SW

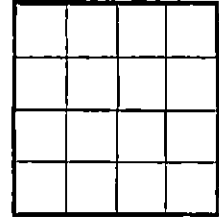
TOTAL DEPTH 3525'

COUNTY Stafford, Kansas

COMM. 2-19-80

COMP. 2-26-80

CONTRACTOR DaMac Drilling Inc.



CASING 8 5/8 set @ 472'

ELEVATION

PRODUCTION P&A

FIGURES INDICATE BOTTOM OF FORMATIONS

| | | |
|-------------------------|-----|----------|
| Surface Sand | 0 | 40 |
| Sand, RedBed, Anhydrite | 40 | 473 |
| Lime, Shale | 473 | 3525 RTD |

RECEIVED
 CONSERVATION COMMISSION
 APR - 4 1980
 CONSERVATION DIVISION
 Topeka, Kansas

State of Kansas }
 County of Barton } SS

I, Martha J. McKown of DaMac Drilling Inc.

upon oath state the above and foregoing is a true and correct copy of the log of the Quivira Refuge No. 1 well.

Martha J. McKown

NOTARY PUBLIC
 VADA I. SULLIVAN
 Barton County, Kansas
 My Appt. Exp. 1-30-84

Subscribed and sworn to before me this 29th day of Feb. 1980

Vada I. Sullivan

My Commission Expires: 1-30-84

NOTARY PUBLIC