| Signature Tay Wane | |
|--|-----------------|
| Title U.P.O | _ Date 11/2/98 |
| Subscribed and sworn to before me this <u>2rd</u> day 19 <u>9k</u> . Notary Public <u>Trandy</u> Language | of November. |
| Date Commission Expires 7-1-02 | |
| RANDY J. IV | ERSON BINSAS |

My Appt. Exp. July 1, 2002

| K.C.C. OFFICE USE OMLY F Letter of Confidentiality Attached C Wireline Log Received C Geologist Report Received | |
|--|-------------------------------------|
| KCC KGS | Distribution SND/Rep Plug (Specify) |

Form ACO-1 (7-91)

LOG OF WELL

STUCKEY #7

ORIGINAL

70' N OF C E/2 NE SE OF SEC 28-20S-3E

McPHERSON CO., KANSAS

15-113-21270

OPERATOR: JAED PRODUCTION CO., INC. CONTRACTOR: BERENTZ DRILLING CO., INC.

COMMENCED: 7-16-98

ELEVATION:

1470 GL

COMPLETED: 7-28-98

1475 KB

CASING:

8 5/8 " - 210 ft CEMENTED W/140 SX 3% CC

5 1/2 " - 3449 ft CEMENTED W/70 SX

SOIL 6 ft SHALE 130 ft SHALE & LIME STREAKS 215 ft SHALE 700 ft SHALE & LIME 1270 ft SHALE 1506 ft SHALE & LIME 2075 ft SAND 2133 ft SHALE 2178 ft SAND - DOUGLAS 2305 ft SHALE 2385 ft LIME - LANSING KANSAS CITY 2720 ft SHALE 2816 ft LIME - MISSISSIPPI 2862 ft SHALE 2940 ft LIME & SHALE 3318 ft SAND - WILCOX 3384 ft LIME - ARBUCKLE 3449 ft RTD