

DRILLER'S LOG

13-32-10W

BILL J. DUTTON OIL CO.
No. 1 McDaniels "A"
SW NE NE Sec. 13-32S-10W
Barber Co., Ks.

Commenced: 7-8-78
Completed: 7-15-78

Surface Casing: 239' of 8-5/8"
cmtd w/250 sx, 3% gel, 2% cc
7-8-78

FORMATION

DEPTH

Surface Hole	0 - 250
Red Mud & Shale	250 - 1555
Shale & Lime	1555 - 1805
Lime & Shale	1805 - 2150
Shale & Lime	2150 - 2491
Lime & Shale	2491 - 3040
Shale & Lime	3040 - 3260
Lime & Shale	3260 - 4125
Lime	4125 - 4270
Lime & Shale	4270 - 4343
Shale & Lime	4343 - 4410 RTD

I do hereby certify that the foregoing statements are true and correct to the best of my knowledge and belief.

D N B DRILLING, INC.

Ella Priess

Ella Priess

STATE OF KANSAS: ss:

Subscribed and sworn to before me this 24th day of July, 1978.

Dorothy L. Schmidt

Dorothy L. Schmidt, Notary Public

DOROTHY L. SCHMIDT
STATE NOTARY PUBLIC
Sedgewick County, Kansas
My Appt. Exp. April 30, 1979