Discovery Drilling

ORIGINAL

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

DRILLER'S LOG

Operator: **Downing-Nelson Oil Co., Inc.**
PO Box 372
Hays, KS 67601

Contractor: **Discovery Drilling Co., Inc.**
PO Box 763
Hays, KS 67601

RECEIVED
SEP 19 2001
KCC WICHITA

Lease: Kuhn #1-13

Location: 20'S & 20'E of NE/NW/NE
Sec. 13/13S/21W
Trego Co., KS

Loggers Total Depth: 3859'
Rotary Total Depth: 3860'
Commenced: 7/6/01
Casing: 8 5/8" @ 221.90' w/150sks
5 1/2" @ 3855' w/150sks
DV @ 1531' w/180sks

Elevation: 2181' Gr./2189' KB
Completed: 7/14/01
Status: Oil Well

DEPTHS & FORMATIONS
(All from KB)

Surface, Sand & Shale	0'	Shales	1585'
Dakota Sand	130'	Shales & Lime	2117'
Shale	314'	Shale	2388'
Cedar Hill Sand	966'	Shale & Lime	2711'
Red Bed Shale	1253'	Lime & Shale	3250'
Anhydrite	1541'	RTD	3860'
Base Anhydrite	1585'		

STATE OF KANSAS)
) ss
COUNTY OF ELLIS)

Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

Thomas H. Alm
Thomas H. Alm

Subscribed and sworn to before me on 7-16-01

My Commission expires: 8-9-03

(Place stamp or seal below)

Glenna S. Alm
Notary Public

NOTARY PUBLIC - State of Kansas
GLENNA S. ALM
My Appt. Exp. 8-9-03