

DRILLERS WELL LOG

DATE COMMENCED: October 8, 1993
DATE COMPLETED: October 15, 1993

Albert Borell
RADER #1
SW-SE-S1
Sec. 9-15S-11W
Russell County, Kansas
API # 15-167-23065
ELEVATION: 1771 G.L.
1776 K.B.

0 - 390' Rock, Shale, Clay
390 - 455' Clay, Shale
455 - 626' Red bed, Shale
626 - 648' Anhydrite
648 - 880' Red bed, Clay, Shale
880 - 1530' Red bed, Shale
1530 - 1820' Lime, Shale
1820 - 2640' Shale, Lime
2640 - 2970' Shale
2970 - 3084' Shale, Lime
3084 - 3160' Shale
3160 - 3330' Shale, Lime
3330' R.T.D.

FORMATION DATA

Anhydrite	626'
Base Anhydrite	648'
Heebner	2820'
Iaton	2907'
L.K.C.	2922'
Base K.C.	3194'
Conglomerate	3223'
Arbuckle	3265'
R.T.D.	3330'

Surface Pipe: Set Used 20%
8 5/8" casing at 450' with
225 sacks 60/40 poz., 2% gel,
3% cc.

A F F I D A V I T

STATE OF KANSAS
COUNTY OF RUSSELL) ss

Roy Vonfeldt of lawful age, does swear and state that the facts
and statements herein are true and correct to the best of his knowledge.

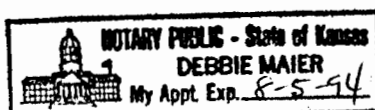
Roy Vonfeldt
Roy Vonfeldt

Subscribed and sworn to before me this 20 day of Oct, 1993.

My Comm. Expires:

August 5, 1994

Debbie Maier
Debbie Maier, Notary Public



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CONSERVATION DIVISION
Wichita, Kansas



100 S. Market, Suite 203
Wichita, Kansas 67202
(316) 264-2814

1101 Williams
Great Bend, Kansas 67530
(316) 793-7957

WAREHOUSES

Colby, Kansas
(913) 462-7377

Pratt, Kansas
(316) 672-2957

API# 15-167-23 065

Albert W. Borell - Rader #1

SW SE SE Sec 9, 15-11

Elevation KB 1776

Formation Tops

Anhydrite 626-648

Heebner 2820

Datan 2907

Lansing 2922 -1146

BKC 3194 +1418

Conglomerate 3223

Arbuckle 3265 -1489

Total Depth 3330

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NOV 09 1993

CONSERVATION DIVISION
Wichita, Kansas