



RUPE OIL COMPANY, INC.

P.O. BOX 2273

438 OHIO, WICHITA, KANSAS 67201

(316) 262-3748

BUSS PROSPECT

East Half (E/2) of Section 1-9S-22W
Graham County, Kansas

INTRODUCTION

This Prospect consists of 320 acres in North Central, Kansas, approximately 9 miles Southeast of Hill City, Kansas.

GEOLOGY

The BUSS Prospect is located on the axis of the Central Kansas uplift. This large positive structural feature trends Northwest-Southeast from Northern Graham County to the North to Stafford County to the South. Over 1 billion barrels of oil have been produced from oil and gas pools associated with this structure.

One of the Fields on the Central Kansas uplift, the Morel, is located directly South and East of the Prospect. The Morel Field has produced 43,167,660 barrels of oil since its discovery in 1938, primarily from the Arbuckle formation. Additional oil reserves have been discovered over the years on Arbuckle structural ridges that extend from the Field.

The BUSS Prospect is located on trend with such a structural ridge extending from the Morel Field. If the ridge does continue beneath the Prospect acreage oil reserves similar to those found in the NW/4 of Section 7-9S-21W may be discovered. That lease has produced 118,897 barrels of oil from 2 wells and is currently producing 5 barrels of oil per day.

RECOMMENDATION

Rupe Oil Company, Inc. proposes that a wildcat test well be drilled in the NW/4 SE/4 SE/4 of Section 1-9S-22W to test the Arbuckle formation for oil production. Both subsurface and seismic information indicate that the Arbuckle ridge should extend beneath the Prospect acreage and that significant Arbuckle oil reserves should be discovered. In addition the Lansing-Kansas City formation may also be productive of oil at the proposed location.

R

22

W

R

21

W


 An+ 476
 L - 1253
 TD-1597


 E
 An+ 506
 Hb - 1191
 L - 1232
 A - 1569


 CDT
 An+ 503
 Hb - 1197
 L - 1236
 TD - 1323


 E
 An+ 492
 Hb - 1187
 L - 1226
 A - 1570


 E
 An+ 484
 Hb - 1189
 L - 1228
 A - 1577


 E
 An+ 481
 Hb - 1181
 L - 1220
 A - 1551


 E
 An+ 500
 Hb - 1189
 L - 1220
 A - 1564


 E
 An+ 517
 Hb - 1184
 L - 1227
 A - 1596


 E
 An+ 493
 Hb - 1193
 L - 1235
 A - 1580

BEST MAP
 NEED ANOTHER WELL TIE.

BUSS PROSPECT
 GRAHAM COUNTY, KANSAS
 FOR
 RUPE OIL COMPANY, INC.

ISOTIME: ANHYDRITE TO MID-PENN

SCALE: 1" = 1000'

DATE: 6-26-85

PLANE: 2200

CONTOUR INTERVAL: .002 Sec.

MAP (4) OF (4) MAPS

INTERPRETATION BY: W.R. HEATLEY

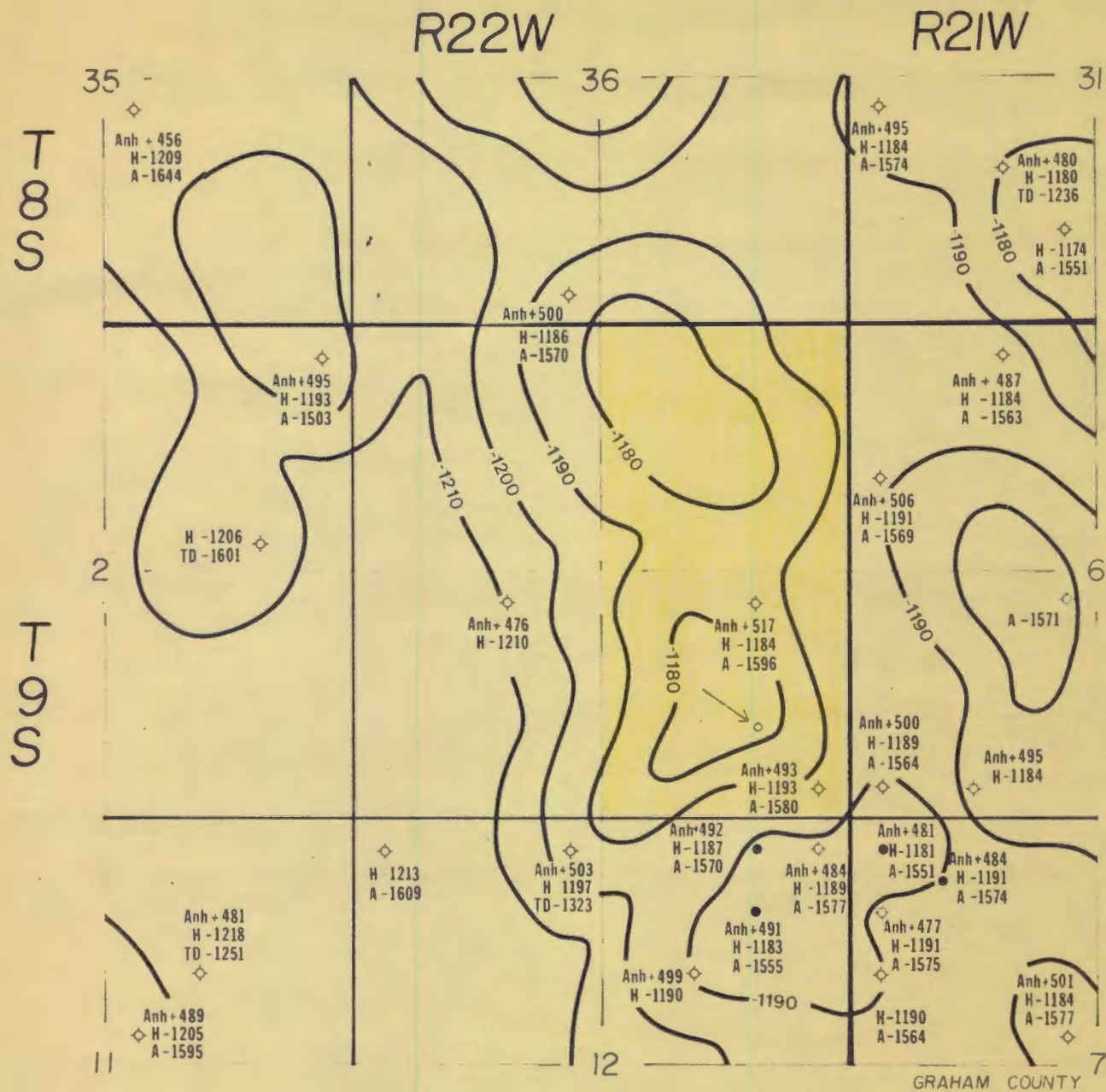
RELIANCE EXPLORATION, INC.

Wichita, Kansas

RUSS PROSPECT

PROPOSED LOCATION

NW SE SE SEC 1-T9S-R22W



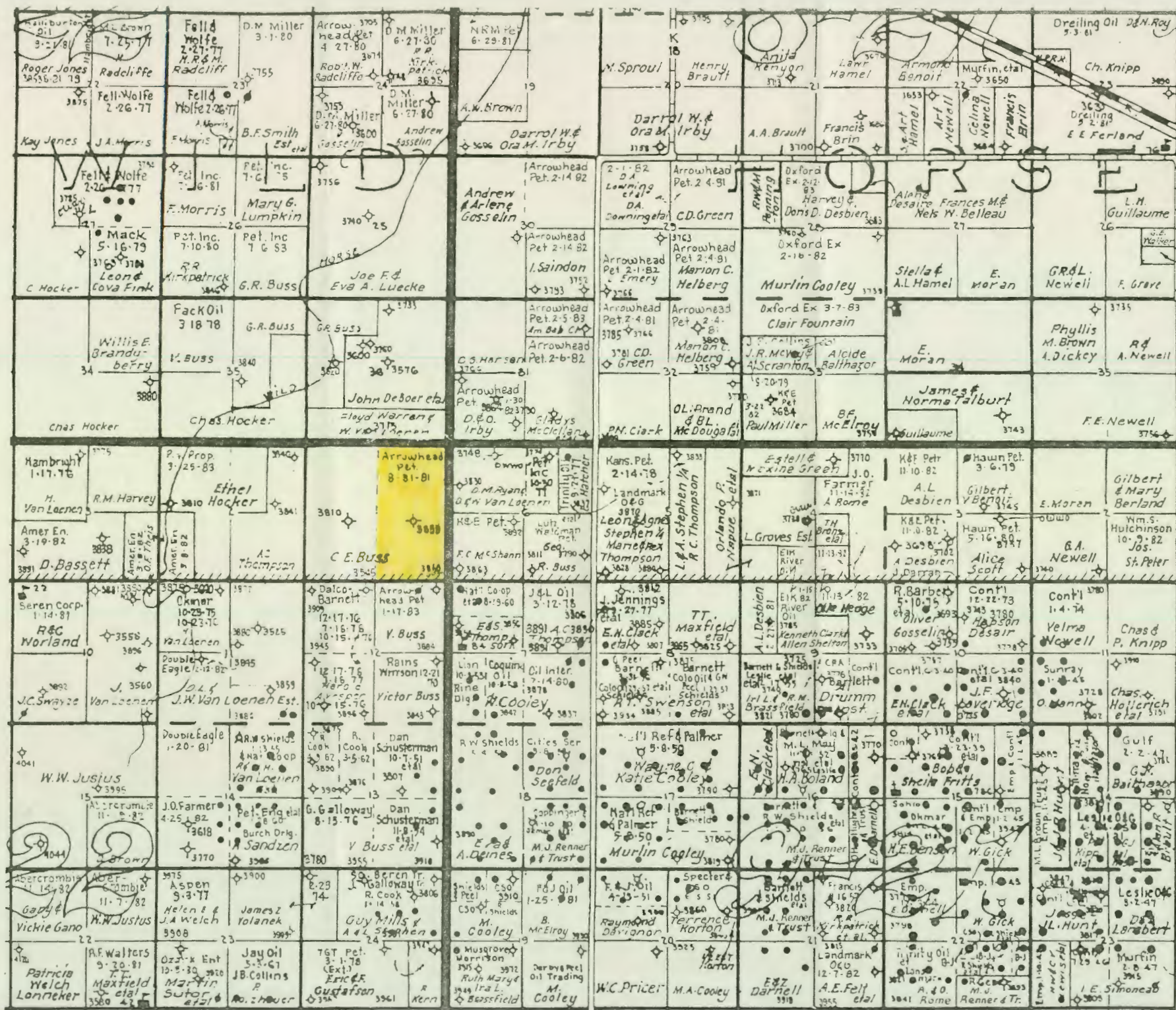
Anh - ANHYDRITE
H - HEEBNER
A - ARBUCKLE
T.D - TOTAL DEPTH

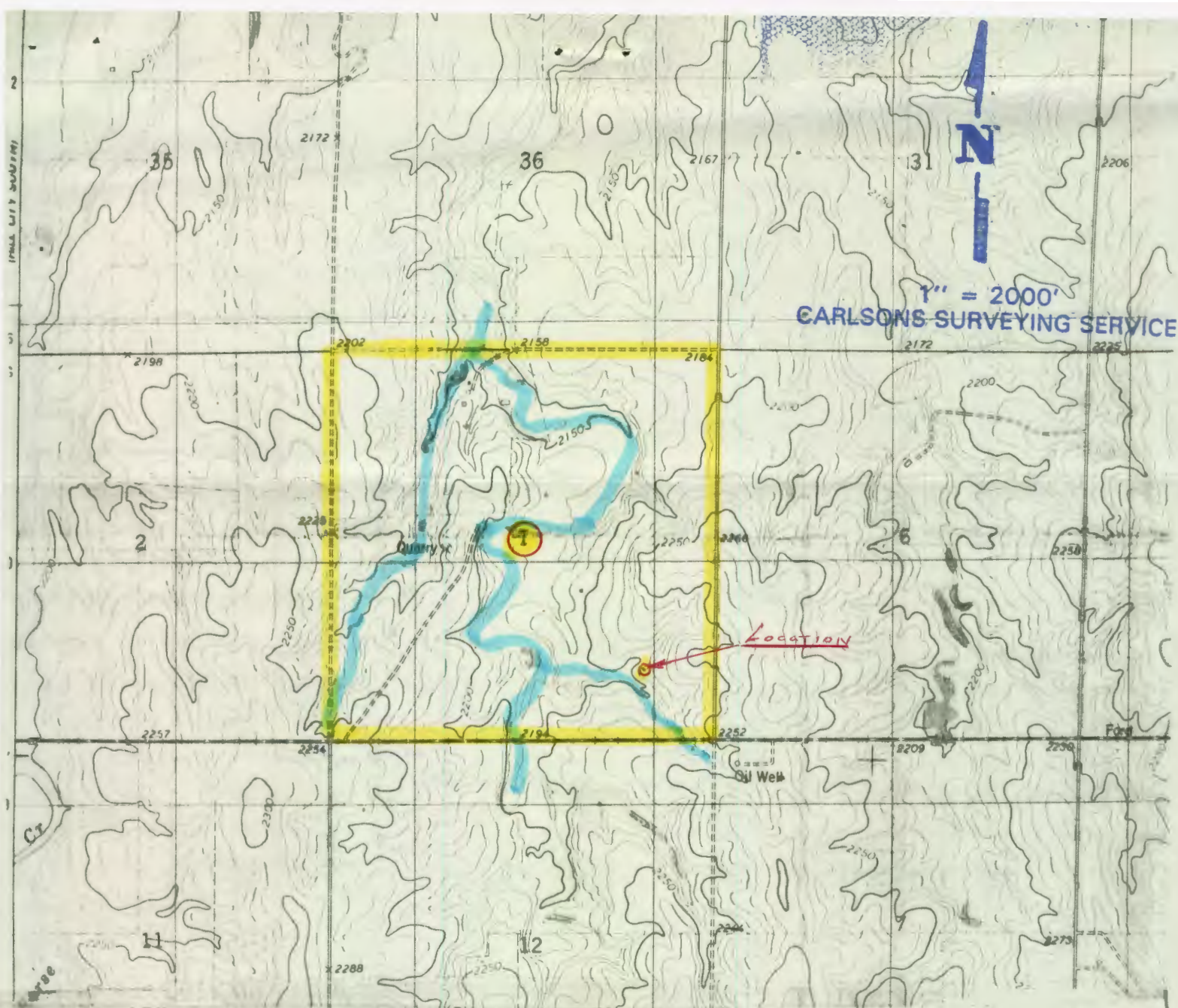
HEEBNER STRUCTURE

$$C.I. = 10'$$

RUPE OIL COMPANY, INC.

WICHITA, KANSAS





PROPOSED WELL LOCATION

THE ABOVE IS A COPY OF A USGS 7.5' QUAD MAP WITH YOUR PROPOSED LOCATION SPOTTED.

OPERATOR: RUPE OIL COMPANY INC.

LEASE NAME: Buss #1

LOCATION: NW-SE-SE SECTION: 1 TOWNSHIP: 9S RANGE: 22W

COUNTY: Graham STATE: Kansas

REMARKS: From Bogue go 1½ miles South; Thence 0.5 miles West; Thence 3 miles South; Thence 1 mile West to the SE Cor of Sec 1.

Location gr. elev. 2213 Ref. stake 75' S. of Loc. gr. elev. 2211

CHK'D JUL 22 1985

Copy Big Springs via Jim Clark 7/21/85