

August 1, 1974

GEOLOGICAL WELL REPORT

Barnett Oil, Inc. #1 Goodman  
Bixler, SW SW SW Section  
5-T. 16 S. - R. 12 E., Wildcat,  
Lyon County, Kansas  
Spud: July 26, 1974  
8 5/8" Surface Casing @ 137'  
Completed as dry hole: August 2, 1974  
Total Depth: 2975'

Barnett Drilling, Inc.  
411 First National Bank Bldg.  
Wichita, Kansas 67202

Gentlemen:

Listed below are the pertinent geological tops, and an evaluation of the porosities encountered. No drill stem tests were taken and the hole was not logged electrically before being plugged.

I arrived at the location at a depth of 2530' and witnessed the drilling from that point to 2975 TD. Samples were examined 2000 - 2975.

Enclosed herewith is a copy of the plotted drilling time log which also includes lithology, tops, and other pertinent data.

SAMPLE TOPS

ELEVATION	1236 KB
BURGESS SAND	2165 (- 927)
2165-73	Sandstone, medium grained, clean, rounded, clustered to loose grained. Good porosity. No show.
MISSISSIPPIAN LIMESTONE	2173 (- 935)
2268-89	Dolomite, tan to buff, sucrosic. Good cavernous porosity, no show.
2296-2315	Dolomite, tan, sucrosic, cherty, good porosity, no show.

F. B. WRIGHT DONATION

1995

## OSAGE 2360 (-1122)

2360-92 Top section dolomite, buff to brown, sucrosic to medium crystalline cherty - grading into white to tan vitreous to tripolitic chert. Good porosity, no show.

2429-44 Extremely porous, medium crystalline, tan dolomite. No show.

## CHOTEAU 2444 (-1206)

2472-83 Dolomite, tan crystalline, excellent porosity, no show.

## KINDERHOOK SHALE 2553 (-1315)

## HUNTON 2700 (-1462)

2700-80 The entire Hunton section appears to carry varying degrees of porosity, extremely cherty;

2706-30 But for the most part dolomite of varying crystallinity and porosity. The upper section 2700-06 carried black residual oil staining in seams.

## MAQUOKETA 2780 (-1542)

## VIOLA 2787 (-1549)

2787-2816 Dolomite, white to light blue-gray, very coarsely crystalline, non-cherty with excellent porosities, no show.

2843-2870 Dolomite, tan to buff, coarsely crystalline, non-cherty, no porosity, no show.

## SIMPSON 2870 (-1632)

2885-90 Dolomite, brown, dense to medium crystalline, fair cavernous porosity, no show.

2896-2906 Dolomite, dark brown, little porosity, scattered dark, heavy oil staining, trace of free heavy oil.

## SIMPSON SAND 2906 (-1668)

2906-12 Sandstone, medium grained, clustered, dark heavy oil stain of fine, compact sandstone, streaks of stain. Trace of free oil, sulfur odor.

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ARBUCKLE 2954 (-1716)

2954-75 TD Dolomite, tan to buff, fine to coarsely crystalline  
and sucrosic. Streaks of good cavernous porosity, no show.

TOTAL DEPTH: 2975

Conclusions and Recommendations

The subject well shows no structural anomaly when compared to a dry hole 1/2 mile north and a dry hole 3/4 mile northwest. The dry holes are essentially flat structurally in the Pre-Mississippian, likewise this well follows very closely this relationship. At the Hunton the three wells vary only a few feet on subsea elevation, the subject well being the highest of the three. At the Arbuckle this well is 1 foot higher than the dry hole to the north and 12 feet lower than the dry hole northwest. The structural position appears very normal.

As no "shows of oil" considered worthy of testing were encountered and in view of the normal structural position, it was recommended that the well be abandoned as a dry hole.

Yours very truly,

T. G. Wright

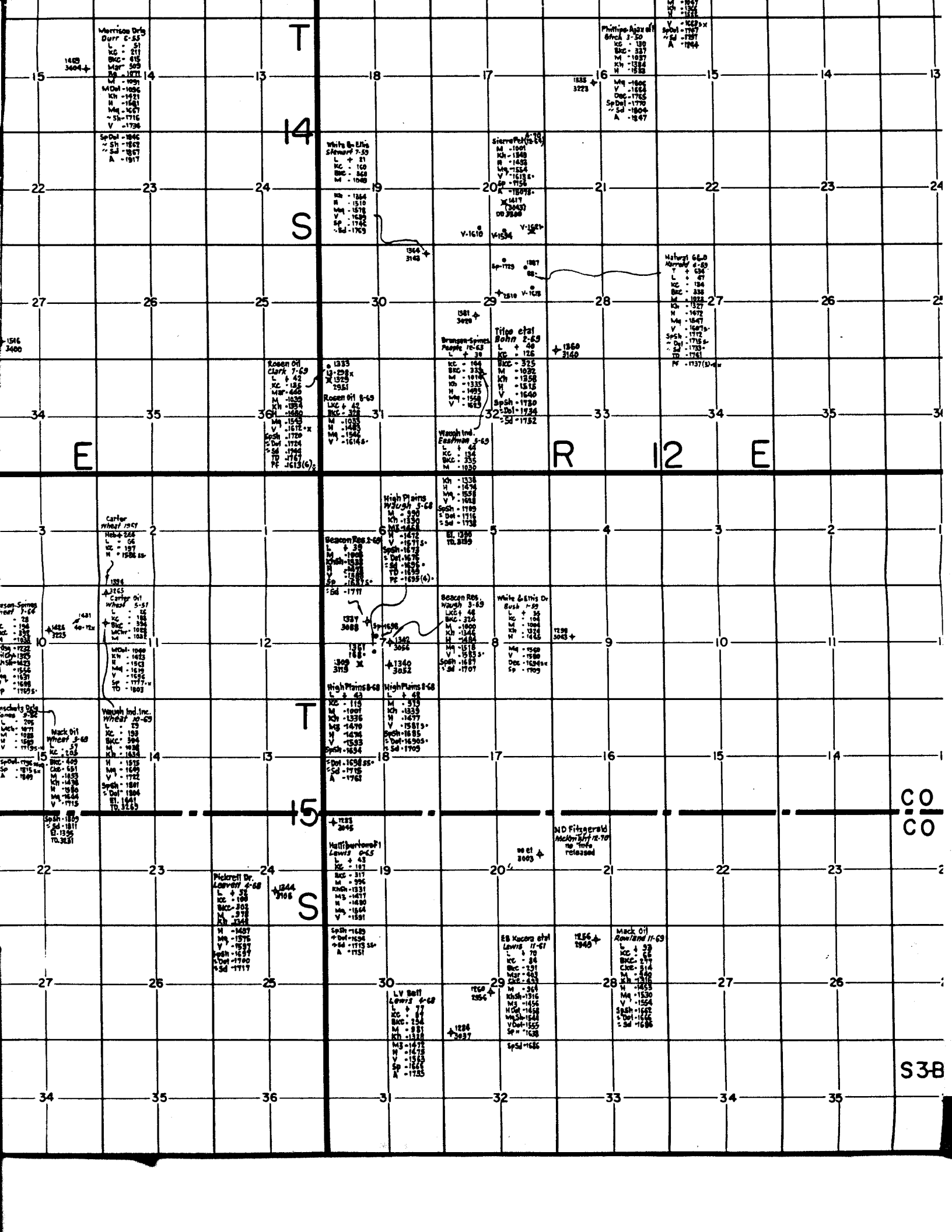
TGW:wlr

DRILLING PROGRESS

7/26/74	Spud	
7/27	240	
7/28	865	
7/29	1460	
7/30	2185	
7/31	2470	
8/1/74	2707	
8/2	2975 TD	D&A

BIT RECORD

Smith DG	(Retip)	137 - 690	
Hughes	OSClG (Retip)	690 - 1302	
Security	588 (RB)	<del>1302 - 2263</del>	
Security	M 88	2263 - 2975	TD



Merrison Dr  
Durr 5-55  
L - 51  
KC - 211  
BNC - 415  
M - 525  
V - 1271  
A - 1091  
M Del - 1006  
KH - 1421  
N - 1581  
Mq - 1427  
V - 1716  
A - 1736

Sp Del - 1806  
V - 1807  
A - 1807  
A - 1917

White & Ellis  
Stewart 7-53  
L - 41  
KC - 150  
BNC - 460  
M - 1040

M - 1844  
N - 1810  
Mq - 1578  
V - 1632  
A - 1742  
A - 1763

Philippe Agard  
Durr 3-50  
L - 130  
KC - 337  
M - 1037  
N - 1584  
V - 1522

Mq - 1806  
V - 1804  
Dec - 1765  
Sp Del - 1770  
A - 1804  
A - 1847

Sierrefelt  
M - 1001  
KH - 1440  
N - 1403  
V - 1534  
A - 1614  
A - 1807

X 1417  
DO 3900

Tippe et al  
Bohn 2-63  
L - 40  
KC - 126

BNC - 375  
M - 1032  
KH - 1358  
N - 1515  
V - 1640  
Sp Del - 1724  
A - 1752

Wagon Wheel  
Eastman 3-63  
L - 44  
KC - 134  
BNC - 355  
M - 1030

High Plains  
Wagon Wheel 3-68  
L - 30  
M - 1000  
KH - 1330  
N - 1472  
V - 1571  
A - 1671  
A - 1671

Beacon Res  
Wagon Wheel 3-63  
L - 48  
KC - 324  
M - 1000  
KH - 1344  
N - 1404  
V - 1518  
A - 1604

White & Ellis Dr  
Bush 4-59  
L - 35  
KC - 104  
M - 1000  
KH - 1324  
N - 1465

Wagon Wheel  
Wagon Wheel 3-63  
L - 48  
KC - 324  
M - 1000  
KH - 1344  
N - 1404  
V - 1518  
A - 1604

High Plains 3-68  
L - 40  
M - 1000  
KH - 1330  
N - 1472  
V - 1571  
A - 1671

High Plains 3-68  
L - 40  
M - 1000  
KH - 1330  
N - 1472  
V - 1571  
A - 1671

Wagon Wheel  
Wagon Wheel 3-63  
L - 48  
KC - 324  
M - 1000  
KH - 1344  
N - 1404  
V - 1518  
A - 1604

EB Kucera et al  
Lewis 11-61  
L - 70  
KC - 84  
BNC - 231  
M - 964  
KH - 1316  
N - 1456  
V - 1555  
A - 1638

Mack Oil  
Rowland 11-63  
L - 29  
KC - 25  
BNC - 217  
M - 890  
KH - 1316  
N - 1456  
V - 1554  
A - 1638

LV Bell  
Lewis 11-61  
L - 77  
KC - 77  
BNC - 231  
M - 964  
KH - 1316  
N - 1456  
V - 1555  
A - 1638

EB Kucera et al  
Lewis 11-61  
L - 70  
KC - 84  
BNC - 231  
M - 964  
KH - 1316  
N - 1456  
V - 1555  
A - 1638

Mack Oil  
Rowland 11-63  
L - 29  
KC - 25  
BNC - 217  
M - 890  
KH - 1316  
N - 1456  
V - 1554  
A - 1638

CO  
CO

S3B

125  
690  
145  
131  
875  
21  
108

Washburn  
Putnam # 26  
1970  
8024  
Gr Johnson  
Wheeler 10-25  
Webb 205  
L - 70  
K - 72  
M - 607  
W - 960  
Kh - 1316  
M - 1582  
V - 1542  
Sp - 1644  
A - 1794

1327  
3080  
1951  
8004  
Prairie Dog  
Wheeler 2-62  
Webb - 802  
Del - 325  
M - 315  
M - 1555  
V - 1555  
Sp - 1652  
A - 1663

Shawyer  
Biale 5-28  
L - 57  
K - 273  
M - 894  
Kh - 1212  
H - 1462  
V - 1551  
Sp - 1630  
A - 1774  
934  
K-1320  
MA-935  
K-1315  
H-1462  
1549  
A-1716

White & Ellis  
Miller 11-22  
L - 147  
K - 6  
M - 77  
Kh - 244  
C - 489  
1184  
2865  
Bv - 668  
W - 883  
M - 1309  
Kh - 1428  
V - 1430  
W - 1511  
V - 1525  
Sp - 1635  
A - 1676

T  
16  
S

ADMIRE

Sanford 8-6  
Miller 1-17  
1744  
2070

Amco 10-73  
Frasemann  
L - 81  
BKC - 192  
Ck - 295  
W - 925  
Kh - 1331  
M - 1483  
V - 1575  
Sp - 1652  
A - 1759

1944  
7948  
253  
2990

R J Wilson  
Taylor # 35  
L - 109  
K - 110  
BKC - 291  
W - 916  
M - 1463  
V - 1511  
Sp - 1580  
A - 1672  
1738  
2750

Mack Oil  
Whitledge 5-69  
L - 75  
K - 65  
BKC - 288  
W - 966  
Kh - 1359  
M - 1488

no info.  
1728  
2118

1731  
2530  
Mc & Ellis  
Orn 8-63  
L - 81  
K - 62  
BKC - 204  
W - 812  
Ck - 54  
L - 54  
M - 362  
W - 1346  
V - 1480  
W - 1521  
V - 1614  
Sp - 1670  
A - 1690

Shell Oil  
Hagans 4-56  
Webb - 374  
L - 119  
K - 27  
BKC - 269  
1757  
3011  
1250  
2964  
Bv - 725  
W - 891  
M - 913  
W - 1320  
W - 1442  
M - 1465  
W - 1654  
V - 1501  
Sp - 1575  
A - 1654

Aladdin Oil  
Sellers 3-71  
K - 52  
BKC - 280  
W - 996  
Ck - 520  
Bv - 941  
M - 974  
Kh - 1363  
W - 1497  
M - 1500  
V - 1543  
Sp - 1609

J S Cooden  
Burman 6-EC  
1168  
2100

17  
S