

Joseph Blair
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Wayne Verrett
APC
Denver COLO

Dear Wayne;

Please find inclosed the Geological Reports for the Snyder
" C " 1 in Morton County Kansas.

I was talking to Jim Pardee yesterday and he mentioned
that he liked the zone immediately above the zone we tested.
I would shy away from this if you can make a commercial well
where you are. If the well isn't productive in the tested zone
then you could check the zone below and the one above.

I will try to get the samples in the mail today. I've
been too busy to take care of it so far.

A couple days ago I sent the insurance certificates and
my invoice to you. I take it that you received them alright.

Again, Thank you for the job.

GEOLOGICAL REPORT

ANADARKO PRODUCTION COMPANY

SNYDER "C" #1

NW SE SECTION 6-33S-40W

MORTON COUNTY, KANSAS

GENERAL INFORMATION

Elevation:	3372' GL
Contractor:	Lohman-Johnson Rig 3
Drilling Started:	10-30-74
Drilling Completed:	11-13-74
Type Mud:	Fresh Gel
Size Hole Drilled:	7-7/8"
Casing:	8-5/8" @ 1603' 4-1/2" @ 5546'
Total Depth:	5988' Driller 5990' Logger

GEOLOGICAL DATA

Elevation Datum: 3372' GL
Samples Examined and Described: 3000' -5998'
Drill Time Plotted: 2000' -5998'
(10' strap correction after TD)

<u>Formation Tops</u>	<u>Welex</u>	<u>Subsea</u>
Krider	2309	+1063
Winfield	2376	+ 996
Council Grove	2607	+ 765
Wabaunsee	3046	+ 326
Topeka	3291	+ 81
Lansing	3876	- 504
Marmaton	4560	-1188
Morrow	5183	-1811
Purdy	5295	-1923
Cimarron	5344	-1972
IBS	5496	-2124
"G"	5630	-2258
Keyes	5700	-2328
Miss. Chester	5716	-2344
Ste. Gen.	5748	-2376
St. Louis	5882	-2510

COMPARISON TO NEARBY TESTS

	<u>Snyder "C" #1</u> <u>NW SE 6-33S-40W</u>	<u>Lowe "E" #2</u> <u>SW SE 7-33S-40W</u>
Krider	+1063	+1031
Topeka	+ 81	?
Marmaton	-1188	-1188
Morrow	-1811	-1844
Cimarron Sd.	-1972	-2004
Chester	-2344	-2334
Ste. Gen.	-2376	-2369
St. Louis	-2510	-2518

ZONES OF INTEREST

Morrow	Cimarron Sand 5344-51 Sd, md crs, sub-ang, NS	Por 15% Sw 70%
	Cimarron Sand 5355-65 Sd, md crs, some lime cement	Por 12%-21% Sw 36%-50% 20 unit increase
	Cimarron Sand 5370-78 Sd, md crs, sub-rnd, loose grns, NS	Por 7%-19% Sw 100%
Miss.	St. Louis 5882-TD Lm, bf, fn xln, sli ool, w/cky strks, some wh and tn chert	Por 3%-11% Sw 100%

DRILLSTEM TEST

DST #1 5356-64 (Mid Cimarron Sand)
o/30", strong blow, GTS 5"
10" ga 69 MCF
20" ga 44 MCF
30" ga 13 MCF
o/45", ga 18.5 MCF
rec 4225' fluid
2468' gssy oil
1757' gssy wtr
ISIP 1726/60"
FP 720-1373, 1413-1674
FSIP 1726/60"
HH 2615, 2589

GEOLOGICAL DISCUSSION

The Snyder "C" #1 was drilled to evaluate production potential in the Council Grove, Greenwood-Lansing, six Morrow sands, and the St. Louis.

The Snyder ran structurally high to the south offset, the Lowe "E" #2, Section 7-33S-40W, on upper formations and essentially flat on lower formations.

Judging from the samples in the Chester and Upper Ste. Gen., the Snyder is near an erosional escarpment or fault during this time.

Locations to the northwest should be structurally higher.

J. G. Blair

11/19/74

~~8-22-22~~

Snyder Ct

DST #1 Cinnamon
Hook Straddle sd -

5358-69

0/30" str blo GTS 5"

69 met 10"

44 20"

13 met 30

0/45" 18.5 met

Rec 4225' fixed

1757' SW

2468 oil

181P 1726/60"

FP 720-1373, 1413-1674

181P 1726/60"

2615 2589