

CORING RECORD OF THE OHIO OIL COMPANY NO. 1 MARK OWEN

Sec. 35 T.21-S, R.37-E

Core No. 1 5140' to 5150'

Recovered 8'

- 1 foot brown-grey crystalline dolomite, good odor & stain, fair porosity.
 2 feet grey-brown " " " " " " " "
 2 feet grey crystalline dolomite with minor amounts of shale, fair odor and stain, poor porosity.
 1 foot hard, tan crystalline dolomite with phenocrysts, no porosity, fair stain and odor.
 1 foot hard, gray crystalline dolomite, with phenocrysts, fair porosity and odor, slight stain.
 1 foot hard, grey-tan crystalline dolomite, no porosity, stain or odor.

Core No. 2 5150' to 5160'

Recovered 9'

- 3 feet brown crystalline dolomite, fair porosity, good stain and odor.
 1 foot brown crystalline dolomite with phenocrysts, good porosity, stain and odor.
 2 feet black crystalline dolomite, no porosity, good stain and odor.
 1 foot tan crystalline dolomite, some porosity, stain and odor.
 2 feet grey crystalline dolomite, some porosity, stain and odor.

Core No. 3 5160' to 5170'

Recovered 9'

- 1 foot mottled pink and grey dolomite, no porosity or stain, slight odor, no florescence.
 1 foot grey dolomite, good porosity & stain, good odor and florescence.
 1 foot of the same with transparent dolomitic phenocrysts.
 1 foot mottled grey & black dolomite, no porosity or stain, slight odor, very slight florescence.
 1 foot grey crystalline dolomite, slight stain & odor, very slight florescence, No porosity.
 1 foot grey crystalline dolomite, fair stain & florescence, good odor, no porosity.
 1 foot hard, grey crystalline dolomite, good odor, stain & florescence, slight porosity.
 1 foot grey, fractured dolomite, fair odor and florescence, streaked staining, slight porosity.

DRILL STEM TEST No. 1 (16 July)

Packer set at 5140' with 30 feet of anchor below packer, testing tool just below packer. Tool open for one hour. No gas to surface. Recovered 180 feet drilling mud, 90 feet gas cut mud with slight show oil, and 420 feet of salt water. 3/8" choke, top and bottom. Flowing pressure 200 pounds, shut in BHP 1700 lbs. (10 Min). Mud weight 2500 Lbs.

DRILL STEM TEST NO. 2 (17 July)

Packer set at 5187' with 19 feet of anchor below packer. Tool open for one hour. No gas to surface. Recovered 60 feet drilling mud, gas cut, with trace of oil. No water. 5/8" choke, top and bottom. No flowing pressure. Shut in BHP 125 lbs (10 Min).

DEVIATION SURVEY:

<u>Depth Taken</u>	<u>Degrees Off Vertical</u>	<u>Depth Taken</u>	<u>Degrees Off Vertical</u>
250	0	4500	$\frac{1}{2}$
500	0	4750	$\frac{1}{2}$
750	0	5000	$\frac{1}{2}$
1000	0	5250	$1\frac{1}{2}$
1250	$\frac{1}{2}$	5500	2'
1500	0	5600	3
1750	0	5740	$2\frac{1}{2}$
2000	0	5800	3
2250	0	6045	$1\frac{1}{2}$
2500	$\frac{1}{2}$	6145	1
2750	$\frac{1}{2}$	6250	1
3000	0	6425	1
3250	$\frac{1}{2}$		
3500	$\frac{1}{2}$		
3750	0		
4000	0		
4250	0		

