

110 West 2nd



00283757

RESEARCH LAB

KIMBALL, NEBRASKA

Phone DE 8-3278

Company CLAYTON OIL COMPANY

Location C-SE-SW Sec. 23 TWP. 12N Rge. 53W N-591

Well JOHNSTON NO. 1

Elevation 4565 KB Remarks: 13 FEET PERMEABLE OIL SD.

Field WILDCAT

Engineers C.S. - R.P.

County LOGAN

State COLORADO

Type Core Barrel D&S 6 1/8 25.50

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARREYS		POROSITY %	RESIDUAL SATUR. % PORE SPACE		PROBABLE PRODUCTION	REMARKS
		HORIZONTAL	VERTICAL		OIL	WATER		
1	5299.5	62.	48.	17.8	15.7	49.4	Oil	Fine grain sand, brown, thin shale and carb. stringers, good stain and odor, vertical fracture.
2	5300.5	57.	51.	14.2	14.1	50.0	"	Same as above.
3	5301.5	89.	78.	20.5	17.1	35.1	"	Fine grain sand, brown, thin shale and carb. streaks, good stain and odor, vertical fracture.
4	5302.5	132.	92.	20.8	17.3	38.7	"	Same as above.
5	5303.5	93.	84.	22.6	12.8	43.4	"	Fine grain sand, brown, clean, good stain and odor, vertical fracture.
6	5304.5	123.	56.	22.3	17.0	44.8	"	Fine grain sand, brown, carb. streaks, good stain and odor, vertical frac.
7	5305.5	91.	83.	19.4	16.0	50.5	"	Same as above.
8	5306.5	90.	32.	17.1	17.4	41.5	"	" " "
9	5307.5	308.	282.	20.3	18.1	33.9	"	Medium grain sand, brown, clean, good stain and odor, vertical fracture.
10	5308.5	180.	155.	21.3	12.2	47.4	"	Medium grain sand, brown, thin carb. streaks, good stain and odor.
11	5309.5	274.	154.	20.5	16.1	38.5	"	Medium grain sand, brown, sli. carb., scattered gravel nodules, good stain and odor.
12	5310.5	311.	230.	21.3	12.2	42.7	"	Medium grain sand, brown, carb. streaks, good stain and odor.
13	5311.5	296.	192.	20.1	15.9	34.8	"	Medium grain sand, brown, clean, good stain and odor, vertical fracture.

AVERAGES

PERMEABILITY
HORIZONTAL VERTICAL

POROSITY

OIL

WATER

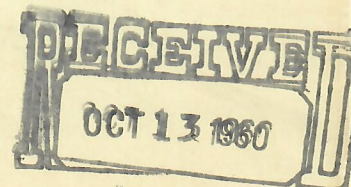
162.

118.

19.9

15.5

42.0

OIL & GAS
EXPLORATION COMMISSION