

Latitude

39 3730

8020

Longitude

→ 75' loc  
Kla 7/15/94

Topo Location

7.5' Loc. 0.94S 15' Loc. 3.82S  
1.53W (calc.) 1.53W

Company \_\_\_\_\_

Farm \_\_\_\_\_

15' Quad Mannington C  
(sec.) \_\_\_\_\_

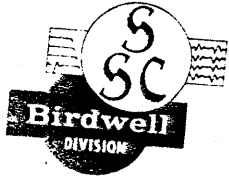
7.5' Quad Mannington

District Mannington

WELL LOCATION PLAT

County 049 Permit 331

Marion 331



# Birdwell

## Gamma Ray-Caliper AND TEMPERATURE LOG

FILING NO.

COMPANY HOPE NATURAL GAS COMPANY

WELL J. CAMPRELL # 114 (#4)

FIELD MANNINGTON DISTRICT

COUNTY MARION 331 STATE WEST VA.

LOCATION:

OTHER SERVICES:

NONE

SEC. TWP. METZ RGE.

PERMANENT DATUM GROUND LEVEL ELEV. NA

LOG MEASURED FROM D.F., 1.5' A.P.D.

DRILLING MEASURED FROM D.F., 1.5' A.P.D.

ELEVATIONS:

KB.

DF. NA

GL. NA

DATE

RUN NO. 12-22-64 12-22-64 12-22-64

TYPE LOG ONE ONE ONE

DEPTH-DRILLER GAMMA CALIPER TEMP.

DEPTH-LOGGER 3334' 3334' 3334'

BOTTOM LOGGED INTERVAL 3377' 3377' 3377'

TOP LOGGED INTERVAL 3375' 3373' 3377'

TYPE FLUID IN HOLE 0 2510' 2400'

SALINITY PPM CL. GAS GAS GAS

DENSITY LB./GAL. NA NA NA

LEVEL NA NA NA

MAX. REC. TEMP.-DEG. F. FULL FULL FULL

OPR. RIG TIME 87° 87° 87°

RECORDED BY 1 HR 1 HR 1 HR

WITNESSED BY GORMAN GORMAN GORMAN

LOCATION VIRDEN VIRDEN VIRDEN

73, CLARKSBURG, W. VA.

RUN NO.

### BORE HOLE RECORD

### CASING RECORD

RUN NO.	BIT	FROM	TO	CASING RECORD			
				SIZE	WGT.	FROM	TO
				8-5/8	NA	0	1004'
				6-5/8	NA	0	2360'
				5-1/2	NA	0	2560'

371-

83

30021

70046?

30564 ✓

30324 ✓

30051 ✓

30107

Joseph Campbell Farm, Acres  
 Huntington District Merion County N. Va. State

049 331

Well No. 40  
 Rig Commenced July 18 1899 } J. Johnston Contractor.  
 Rig Completed " 24 1899 }  
 Drilling Commenced " 31 1899 } A. D. Davis Contractor.  
 Drilling Completed Aug 15 1899 }

FORMATION.	TOP.	REMARKS.	BOTTOM
Condr.	16 ft.		
10" Casy	154-5		
7 1/2 "	1551-7		
6 1/8 "	2360 11		
5 3/16 "	2514 10	3253	
4 1/2 x 4 "	209 8	1100	
		<u>2153</u>	
High Coal	1100		
Lead Bankard	1437		1472
Big "	1582		1622
Gas Sand	1850	3337	1900
Salt "	2020	11	2110
Miler	2060	<u>2237</u>	
Big Fine	2335		2410
" Injuns	2410	135'	2545
Water	2495		
30 ft Sand	2790		2820
Gantz "	3000		3025
50 ft "	3037		3085
Stray "	3234	5'	3243
Gordon "	3253	25'	3278
Gas at.	3337-6		
Increase	3346	3293	
Total depth		<u>1045</u>	3350
		<u>2248</u>	

NOTE:

A good record must show the formation from top to bottom of well.