

Company B. H. Putnam

Address 608 3rd St Marietta Ohio

Farm Verlin Gowan et al

Tract one Acres 52 Lease No. _____

Well (Farm) No. 11 Serial No. _____

Elevation (Spirit Level) 839.9'

Quadrangle Belleville - NW

County Wood District Harris

Engineer Robert R. Anderson
by J. E. Anderson

Engineer's Registration No. _____ Drawing No. 296

File No. _____ Date 5/15 52 Scale 1 in = 20 Poles

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. W00-367

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

296 Deep Well

Berea Sand 2030 - 2035
Lime (Don. Gp.) 4186 - 4284
Oriskany 4284 - 4306
TD 4306

COMP Oct 14, 1982

Vol. 650,000 cu.ft. gas

R.P. 1530 lbs in 24 hrs

4284
-840
-3444

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Pelleville

WELL RECORD

Permit No. W00-367

Oil or Gas Well Gas

Company B. H. Putnam
Address P. O. Box 647, Marietta, Ohio
Firm Verlin Cowan Acres 52
Location (waters) _____
Well No. 1 Ser. 248
District Harris County Wood
The surface of tract is owned in fee by Verlin Cowan
Address _____
Mineral rights are owned by Verlin Cowan
Address _____
Drilling commenced May 27, 1952
Drilling completed October 14, 1952
Date Shot Hydrafrac From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 6500 Cu Ft.
Rock Pressure 1530 lbs. 24 hrs.
Oil _____ lbs./1st 24 hrs.
Fresh water None feet
Salt water None feet

Casing and Tubing Size	Used in Drilling	Left in Well	Features
14			Kind of Packer
12	240		
10	850	600'	Size of _____
8 1/2	1750	1750'	
8	4200	4200'	Depth set _____
5 3/4			
5	4300	4300'	Part top _____
4			Part bottom _____
3			Part top _____
2			Part bottom _____

CASING CEMENTED 20' SIZE 250' No. 8/3/52 Date

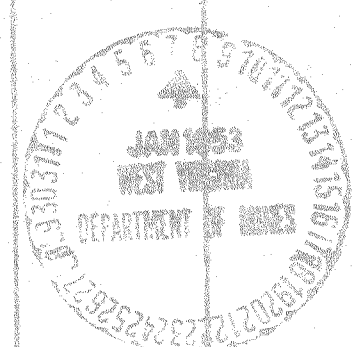
COAL WAS ENCOUNTERED AT NONE FEET _____ INCHES

FEET _____ INCHES FEET _____ INCHES

FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Feet	Remarks
Red			0	25			
Yellow			25	55			
Red			55	65			
Blue			65	80			
Red			80	115			
Blue			115	125			
White Slate			125	150			
Red			150	170			
Sand			170	200			
Blue slate			200	210			
Sand			210	235			
Slate			235	245			
Sand			245	255			
Slate			255	285			
Red rock			285	780			
Slate			780	885			
Sand			885	885			
Slate			885	915			
Red			915	935			
Lime			935	941			
Slate			941	960			
Pink rock			960	965			
Slate			965	980			
Sand			980	1004			
Lime			1004	1040			
Slate			1040	1085			
Slate			1085	1095			
Lime			1095	1127			
Sand			1127	1157			
Slate and sand			1157	1818			
Slate and lime shells			1818	2020			
Shale - Coffee Str.			2020	2030			
Berea			2030	2035			
Slate and shells			2035	3017			
Lime			3017	3035			

Open



JAN 28 1953

VERLIN COWAN No. 1 -

B. PUTNAM -

W00-367

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate and shells			3035	3185			
Shale			3185	3267			
Slate and shells			3267	3350			
Lime and shells			3350	3375			
Slate and shells			3375	3430			
Lime			3430	3460			
Slate			3460	3507			
Shale			3507	3700			
Slate			3700	3830			
Shale			3830	4188			
Lime <i>Overlapp</i>			4188	4284			
Oris, Sand			4284	4207	4307		
Lime <i>Underlapp</i>			4267	4283	4393		
Sand			4283	4308	4406		
				485			

Date ~~XXXXXXXX~~ December 15, 1952

APPROVED H. H. Putnam, Owner
 By [Signature]
 Superintendent (7/15)