

Latitude 37° 50'

Longitude 81° 55'

R.D. NEWSOM

ELZIE HARLESS

HOBERT HARLESS ET AL

COLE & CRANE

ALEX RUSSELL

06° 6' 11" S
M 52° 00' S
WOOD

WELL LOCATION

N 78° 13' W
127.92

N 53° 47' W
291.95

N 61° 04' W
411.54

BUCKEYE

S DAVEY BR. OF GUYAN RIVER

STK.

2.215 of 37° 50'
1.65 W of 81° 55'
9C (L-4)

- New Location...
- Drill Deeper.....
- Abandonment.....

Company PERRY GAS COMPANY
 Address BOX 962, LOGAN, W. VA.
 Farm HOBERT HARLESS ET AL
 Tract 2 Acres 180 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 727.50
 Quadrangle LOGAN SW
 County LOGAN District LOGAN
 Engineer R. L. Sefton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date 11-25-55 Scale 1"=100'

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

WELL LOCATION MAP
FILE NO. LOG-511

+ 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.

3-3 273

Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 2

Quadrangle Logan

WELL RECORD

Permit No. LOG-511

Oil or Gas Well Gas
(KIND)

Company Perry Gas Company
Address Box 962 Logan, W. Va.
Farm Caldwell and Harless Acres 180
Location (waters) Guyandotte River
Well No. 2 Elev. 727
District Logan County Logan
The surface of tract is owned in fee by Robert Harless
Address Lyburn, W. Va.
Mineral rights are owned by Robert Harless
Address Lyburn, W. Va.
Drilling commenced December 22, 1955
Drilling completed August 18, 1956
Date Shot 8/31/56 From 4184 To 3780
With 2,550 lbs. 80% Independent
Open Flow 6/10ths Water in 2 Inch
6/10ths Merc. in 2 Inch
Volume 381,000 Cu. Ft.
Rock Pressure 540 lbs. hrs.
Oil bbls., 1st 24 hrs.
Fresh water feet
Salt water feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	<u>35.4</u>	<u>35.4</u>	
10	<u>250.8</u>	<u>250.8</u>	Size of
8 1/4	<u>1494.5</u>	<u>1494.5</u>	
6 5/8	<u>1992</u>	<u>1992</u>	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date
COAL WAS ENCOUNTERED AT 50 FEET to
52 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand and gravel			0	14			
Sand			14	18			
Sand and gravel			18	24			
Sand			24	50			
Coal			50	52	Water	50'-54'	Hole full
Sand			52	142			
Slate			142	153			
Broken sand			153	219			
Slate			219	251			
Sand			251	273	Water	254'-260'	Hole full
Slate			273	347			
Sand			347	392	Salt water	388'-392'	
Slate			392	434			
Sand			434	474			
Gritty lime			474	510			
Sand			510	559			
Slate			559	589			
Sand			589	780			
Slate			780	788			
Sand			788	798			
Slate and broken sand			798	842			
Sand			842	878			
Slate and broken sand			878	931			
Lime			931	952			
Sand			952	1151			
Slate and broken sand			1151	1188			
Sand			1188	1344			
Slate			1344	1348			
Lime			1348	1430			
Sand			1430	1490			
Gritty lime			1490	1498			
Sand			1498	1509			
Red rock and slate			1509	1557			
Broken lime			1557	1567			



Formation	Color	Hard or Soft	Top 2	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red rock and slate			1567	1599			
Gritty lime			1599	1640			
Red rock and slate			1640	1652			
Gritty lime			1652	1669			
Slate and shells			1669	1699			
Red rock			1699	1704			
Gritty lime			1704	1730			
Slate and shells			1730	1788			
Sand			1788	1794			
Gritty lime			1794	1828			
Red rock and slate			1828	1851			
Broken sand			1851	1897			
Slate			1897	1909			
Lime black			1909	1966			
Big lime			1966	2200			
Iqjun sand red			2200	2232			
Grey sand			2232	2280			
Broken sand and slate			2280	2420	Gas	2327-2336	Light show
Slate and sand and shells			2420	2716			
Coffee shale			2716	2742			
Berea sand			2742	2758	Gas	2742-2746	Light show
Slate			2758	2784			
Gritty lime			2784	2801			
Slate and shells			2801	2890			
Gritty lime			2890	3031			
Slate and shells			3031	3125			
Sand and lime shells			3125	3230			
Slate and shells			3230	3350			
Gritty lime			3350	3561			
Slate and shells			3561	3780			
Brown shale			3780	4184	Gas	3790-3805	Show
White shale			4184	4523			
Brown shale			4523	4751			
Oriskiny sand			4751	4927	Gas	4786	Show

4751
 727
 -4024

Date: November 3, 1956

APPROVED Perry Gas Company, Owner

By Russell Perry Owner
 (Title)