

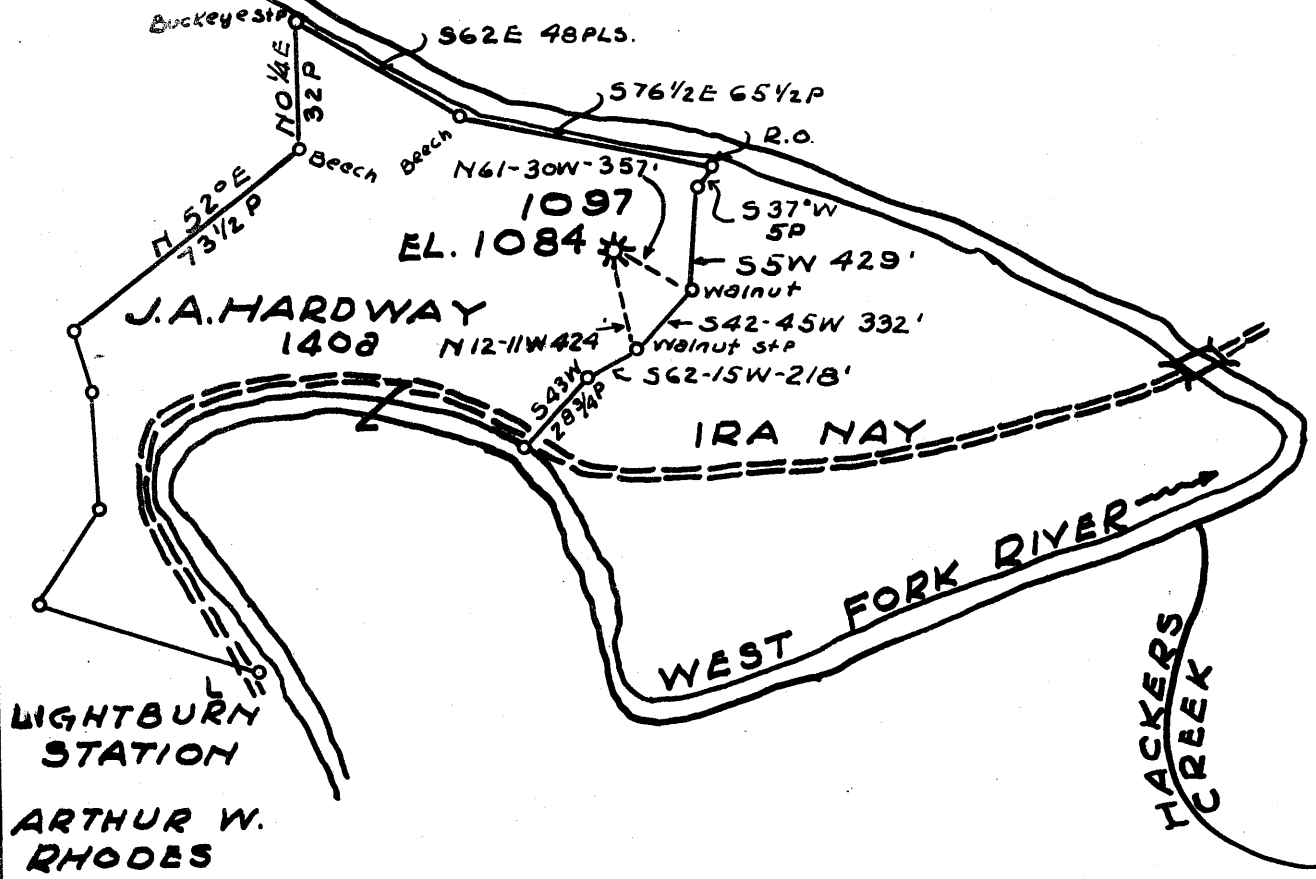
Latitude **39° 10'**

Longitude **80° 25'**

*1.06 S
1.46 W*

+

EDMOND SOUTHERN



New Location
 Drill Deeper
 Abandonment

*ISSUED
H. Hardway*

522E9 Sheet 57

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W.VA.
 Farm J.A. HARDWAY
 Tract 1 Acres 140 Lease No. _____
 Well (Farm) No. 1 Serial No. 1097
 Elevation (Spirit Level) 1084
 Quadrangle WESTON - WC
 County HARRISON District UNION
 Engineer Wm Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date APR. 20-38 Scale 1" = 800'

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

WELL LOCATION MAP
 FILE NO. Har - 63 JD

+ 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.

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No. Har-63
Weston Quad.

Gas Well

CASING & TUBING

Company	Hope Natural Gas Co.	10	430	430
Address	Clarksburg, W. Va.	8-1/4	1121	1121
Farm	J. A. Hardway Acres 140	6-5/8	1280	1280
Location	West Fork River	5-3/16	1866	1866
Well No.	1 (1097) Elev. 1084			
District	Union - County Harrison			
Surface & Mineral	-			Not Cemented
Drilling Deeper				No Coal
Commenced	May 1, 1938			
Completed	June 16, 1938			
Date shot	6-8-38 Depth 1962-1972			
Open Flow	-			
Volume	-			
Rock Pressure	-			
Fresh Water	None recorded in deeper drilling			
Salt Water	1610 - 1706			

Formation Color ^{Har} 5 TOP Base Result Formation Color ^{Har} 5 TOP Base Result

DRILLING DEEPER RECORD

Little Lime			1202			
Pencil Cave		1202	1214			
Big Lime		1214	1273			
Big Injun Sand		1273	1380			
Sand		1385	1415			
Squaw Sand		1430	1451			
Slate & Shells		1451	1490			
Lime		1490	1584			
Gantz Sand		1584	1619	Gas 1603	-	Water 1610
Slate & Lime Shells		1619	1695			
Fifty Foot Sand		1695	1733	Water 1706		
Shells		1733	1742			
Sand		1743	1754			
Slate		1754	1785			
Thirty Foot Sand		1735	1801	Gas 1793-1796		
Lime		1801	1815			
Red Rock		1815	1833			
Gordon Stray Sand		1845	1855			
Gordon Sand		1885	1923			
Sand		1953	1961			
Fourth Sand		1961	1975	Gas 1963		
Slate & Shells		1975	1989			
Sand		1989	1995			
Slate & Shells		1995	2102			
Fifth Sand		2102	2120			
Total Depth			2172			

1214
165
1379
1084
295



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary

Spudder

Cable Tools

Storage

Oil or Gas Well **Storage**
(KIND)

68W

1771

Quadrangle WESTON

Permit No. HAR-63-DD

WELL RECORD

Company Consolidated Gas Supply Corporation
 Address Clarksburg, W. Va.
 Farm J. A. Hardway Acres 140
 Location (waters) _____
 Well No. 1097 Elev. 1084
 District Union County Harrison
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced 4-27-67 ~~XXXXXX~~
 Drilling completed 7-27-67
 Date Shot Not shot From _____ To _____
 With _____
 Open Flow 10ths Water in _____ Inch
10ths Merc. in _____ Inch
 Volume 7,773 MCF Cu. Ft.
 Rock Pressure 770# lbs. 18 hrs.
 Oil None bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) No
 WELL FRACTURED (DETAILS) No
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____
 ROCK PRESSURE AFTER TREATMENT _____ HOURS
 Fresh Water None Feet _____ Salt Water None Feet _____
 Producing Sand Gantz sand Storage Depth See log

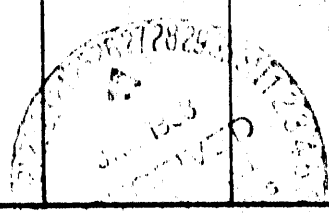
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	430	430	Size of
8 1/4	1120	1120	
6 3/4	1129	1129	Depth set
5 3/16			
4 1/4	1571	1571	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.
 CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 Amount of cement used (bags) 4 1/2" with 250 bags
 Name of Service Co. Garaton Service
 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	Remarks
THIS RECORD	TAKEN FROM	GAMMA RAY	SURVEY				
Maxton Sand			1129	1203			
Big Lime			1223	1291			
Big Injun			1291	1403			
Gantz			1598	1627			
Gantz -A			1636	1651			
50' Sand			1710	1761			
TOTAL DEPTH				1636'			

This well was drilled through the Maxton sand in the year 1908 to 1198'. Drilled deeper through the 5th sand in 1938 to depth of 2172' and plugged back to 1284'. Has now been drilled deeper to and through the Gantz sand to 1636'.

352'



Consolidated Gas Supply
 445 West Main Street
 Clarksburg, W. Va.