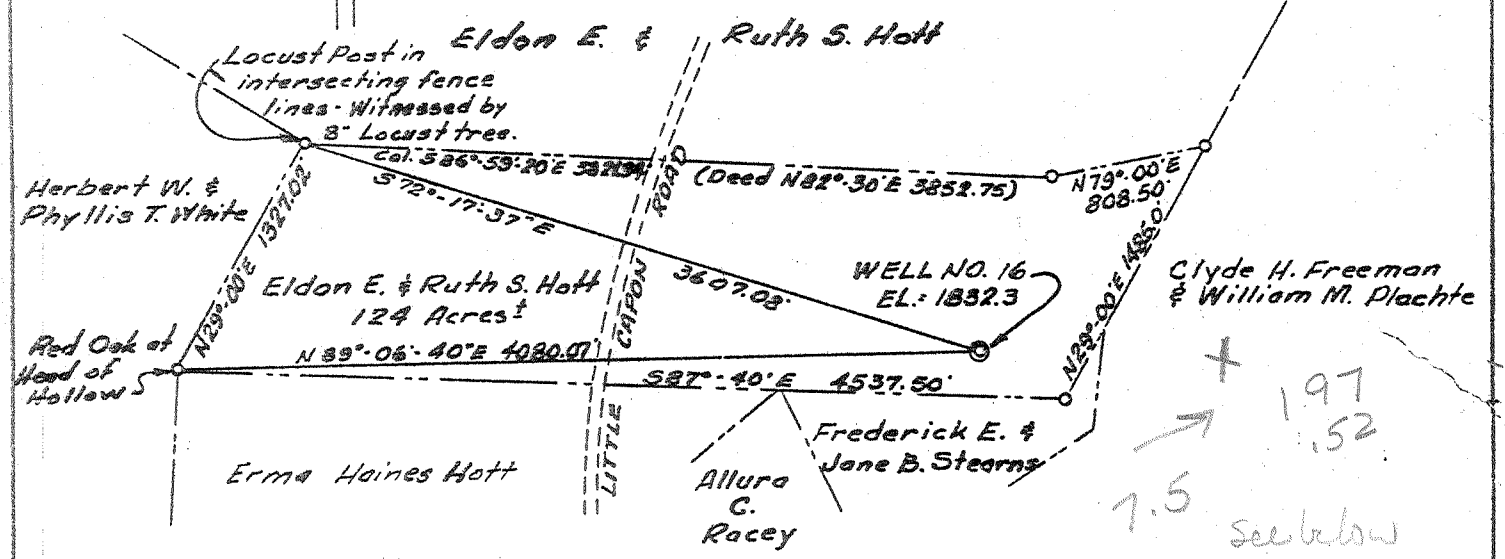


1.97 S
2.75 W
-2.23
52



1.97
52
7.5 see below

7.5 bc
2.055 39 15'
0.54W 78° 42' 30"
1/1a 2/23/2010

WARDENSVILLE QUADRANGLE
B.M. U.S.G.S. 1920 EL. 1955
LONGITUDE = 78° 44' 30"
LATITUDE = 39° 14' 15"
RELATIVE ACCURACY OF WORK 1/1000

- New Location .
- Drill Deeper
- Redrill
- Abandonment

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company HAMPSHIRE GAS COMPANY
 Address 1100 H. ST., WASHINGTON, D. C.
 Farm Eldon Hott (Former Melvin R. Hott Farm)
 Tract _____ Acres 124 Lease No. 94
 Well (Farm) No. 16 Serial No. _____
 Elevation (Spirit Level) 1832.3 Rja 7.5' gund
 Quadrangle WARDENSVILLE-NW
 County HAMPSHIRE District SHERMAN
 Engineer John J. Coleman
 Engineer's Registration No. 4231
 File No. _____ Drawing No. 66-16-2
 Date 6/23/66 Scale 1" = 1000'

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

WELL LOCATION MAP

FILE NO. HAMP-23
Plugged 08/26/966

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 4

Rotary
Spudder
Cable Tools
Storage

Quadrangle Hanging Rock

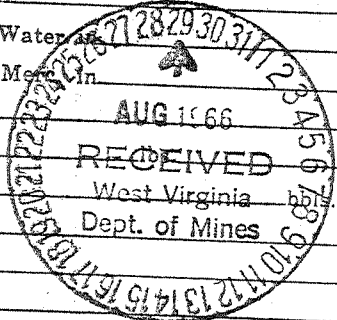
Permit No. HAMP 23

WELL RECORD

Oil or Gas Well (KIND)

Company Hampshire Gas Company
Address 1100 H. St. N. W. Washington, D. C.
Farm Eldon Hott Acres 124
Location (waters) None
Well No. 16 Elev. 18320
District Sherman County Hampshire
The surface of tract is owned in fee by Eldon Hott
Address Franklin, W. Va.
Mineral rights are owned by Eldon Hott
Address Franklin, W. Va.
Drilling commenced July 20, 1966
Drilling completed August 24, 1966
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water _____ Inch
/10ths Mercur _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ hrs.
Oil _____, 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8	38'	38'	
9 5/8	1319'	1319'	Size of _____
8 1/4			Depth set _____
6 1/2			
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____



CASING CEMENTED 9 5/8 SIZE 1319 No. Ft. July 27
Cemented to surface
COAL WAS ENCOUNTERED AT _____ FEET _____ INCH
_____ FEET _____ INCHES _____ FEET _____ INCH
_____ FEET _____ INCHES _____ FEET _____ INCH

RESULT AFTER TREATMENT DRY
ROCK PRESSURE AFTER TREATMENT _____
Fresh Water 98,735 Feet
Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	50			
Shale & Siltstone	Gray		50	240			
Shale & Siltstone	Red & Gray		240	420			
Shale & Siltstone	Gray		420	575			
Sandstone	Gray & White		575	690			
Shale & Siltstone	Red & Gray		690	1570			
Siltstone	Gray		1570	2200			
Shale	Gray		2200	2270			Shaly
Shale & Siltstone	Gray		2270	2700			
Shale, Siltstone & Sandstone	Gray		2700	3000			
Shale & Siltstone	Gray		3000	4750			
Shale	Dark Gray		4750	4900			
Siltstone	Gray		4900	5100			Calcareous
Shale & Siltstone	Gray		5100	5230			
Limestone	Gray		5230	5260			
Shale	Gray		5260	6440			
Shale	Dark Gray		6440	6988			
Metabentonite							
Shale	Brown		6988	6995			
Shale	Gray		6995	7146			Calcareous

6988
1832

5156

Need more

Stratification	Color	Hard or Soft	Top γ	Bottom	Oil, Gas or Water	Depth Fossil
Sandstone Limestone	Gray Gray	Oriskany Heidelberg	7146 7312	7312 7416		
				(485)		
		6988 1832	7146 1832	7312 1832	7312 7146	
		<hr/> 5156	<hr/> 5314	<hr/> 5480	<hr/> 166	

Date August 24

APPROVED: *[Signature]*

By: *[Signature]*

Supr. - National Bureau of Geology