

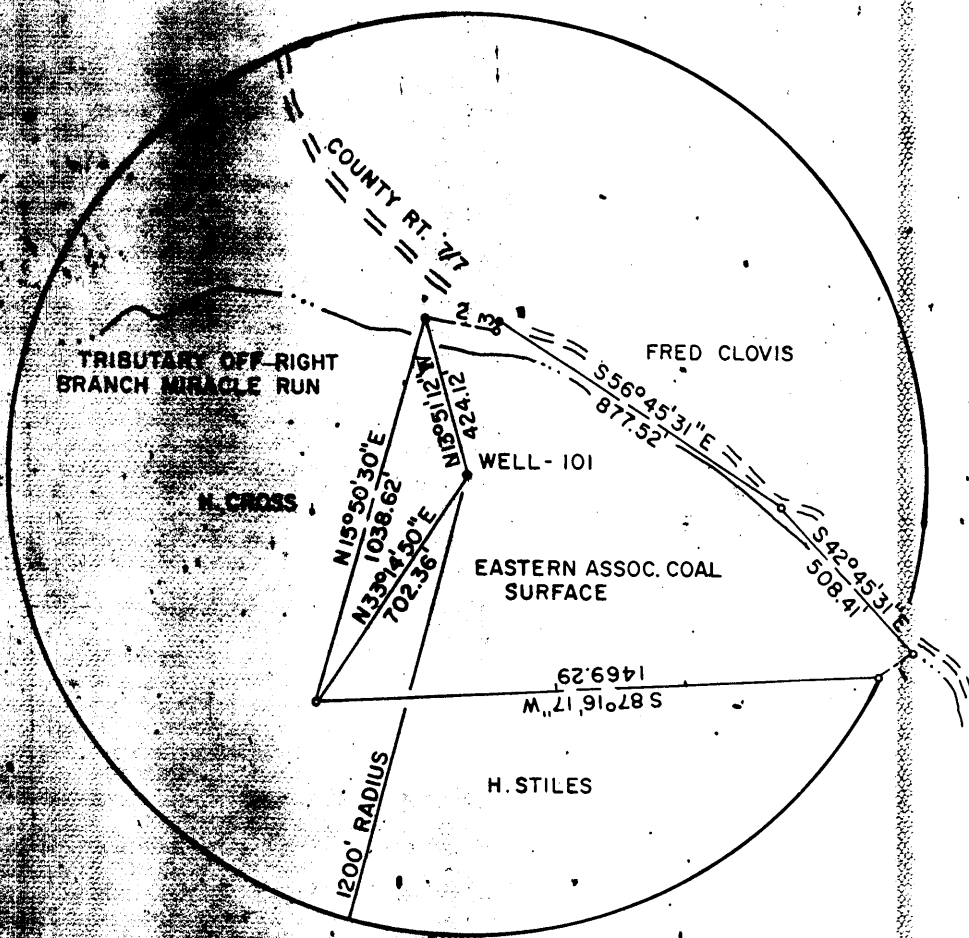
LATITUDE 39°42'30"

4,650'

LONGITUDE 80°17'30"

0.885
0.14w

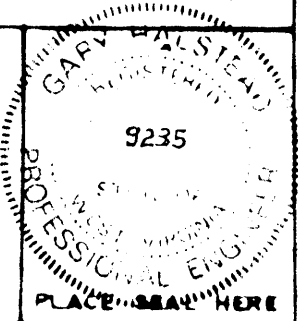
TOPO. LOC. 725
7 1/2' SERIES
WADESTOWN QUAD.



Calc 15' loc.
3.765
2.36w

FILE NO. F2-101
 DRAWING NO. F2-101
 SCALE 1"=500'
 MINIMUM DEPTH 100'
 ACCURACY 1/2"=500'
 PROVEN SOURCE USGS
 ELEVATION USGS

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Gary Halstead
 R.P.E. 9235 L.L.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM MS-8
 (8-78)



DATE FEBRUARY 28, 19 90
 OPERATOR'S WELL NO. F2-101
 API WELL NO. 47
 STATE 061 COUNTY 0957-P

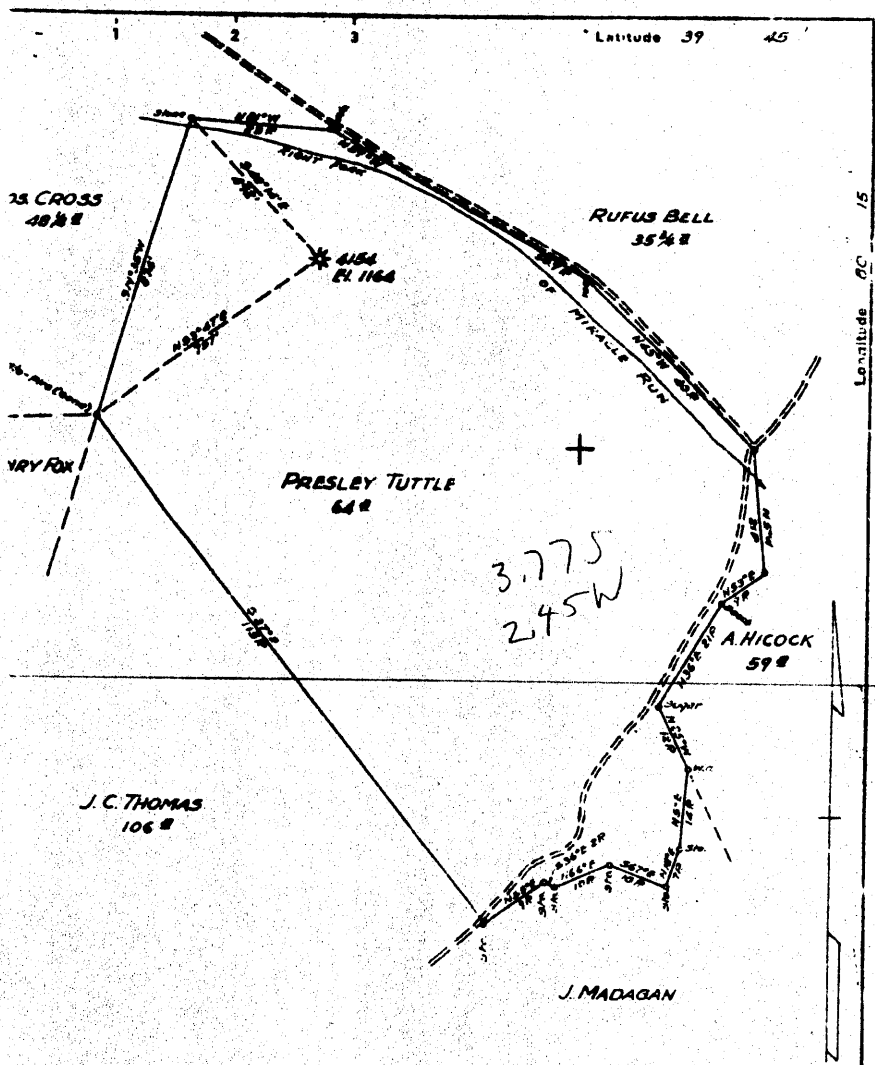
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS, PRODUCTION STORAGE DEEP SHALLOW
 LOCATION ELEVATION 1100 WATER SHED TRIBUTARY OFF RIGHT BRANCH MIRACLE RUN
 DISTRICT BATTELLE COUNTY MONONGALIA

QUADRANGLE WADESTOWN 7 1/2' SERIES Magallan N2
 SURFACE OWNER EASTERN ASSOCIATED COAL CORP. ACREAGE 63
 OIL & GAS ROYALTY OWNER FORMERLY HOPE NATURAL GAS CO. LEASE ACREAGE
 LEASE NO.

PROPOSED WORK: CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUS OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION GORDON SAND ESTIMATED DEPTH 3,058' APR 18 1990
 WELL OPERATOR EASTERN ASSOC. COAL CORP. DESIGNATED AGENT TERRY O. HENDERSHOT
 ADDRESS ROUTE 1 BOX 144 ADDRESS ROUTE 1 BOX 144
FAIRVIEW W. VA. 26570 FAIRVIEW 26570



✓ Location
 | Deeper
 | Indentment

Map Sheet 17 Squire NITE 19 F.B. 754P20-21

Company HOPE NATURAL GAS CO
 Location CLARKSBURG, W. VA
 Name PRESLEY TUTTLE
 Acres 64 Lease No. 25855
 (Farm) No. _____ Serial No. 4154
 Station (Spirit Level) 1164
 Township MANNINGTON
 City MONONGALIA District BATTELLE
 near Wm. Bowen
 Owner's Registration No. 900
 No. _____ Drawing No. _____
OCT. 4, 1943 Scale 1" = 20 P.

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. MON-166

+ 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
W E L L R E C O R D

Permit No. Mon 166
Mannington Quad.
Company
Address
Farm
Location
Well No
District
Surface
Mineral
Commenced
Completed
Fresh Water
Salt Water

Hope Natural Gas Company
445 W. Main St., Clarksburg, W.Va.
Presley Tuttle Acres 64
13 186 186
10 1204 Pulled
4154 Elev. 1164 8 1865 1865
Battelle Monongalia County 6 5/8 2112 2112
Same 5 3/16 2307 2307
Same
March 15, 1916 Casing not cemented
May 25, 1916
None recorded Coal at 770' 72"; 863'
1795-1830-1888-2257 84"
Water in Gordon

Dry Hole
CASING & TUBING

DRILLED DEEPER

Native coal	770	776	
Pittsburgh Coal	863	870	Show gas 1204
Little Dunkard?	1215	1248	<i>Handwritten</i>
Big Dunkard	1365	1430	
Gas Sand	1570	1600	
First & Second Salt	1760	1905	
Marion Sand	1965	1975	
Little Lime	2046	2059	
Pencil Cave	2059	2065	
Big Lime	2065	2150	
Big Injun	2150	2365	Show oil 2238-2243
Berea	2420	2445	Show gas 2248
Gantz	2620	2695	
Fifty Foot	2785	2845	Gas 2806
Thirty Foot	2925	2940	
Gordon Stray	3018	3034	Gas 3050-51
Gordon	3045		
Original Total Depth		3058	

RECORD OF DEEPER DRILLING-COMPLETED NOV. 17, 1943

Bayard	8	3273	3278	Gas 3275
TOTAL DEPTH			3365	

Well No. 4154 Lease No. Name Presley Tuttle District.....
District BATTLE County Monongalia State.....

Location Made..... First Work Done.....
Rig Commenced..... Rig Completed.....
Drilling Commenced..... Drilling Completed May 25, 1916
Rig Contractor..... { Drilling Contractor }
Drillers..... { If H. N. G. Co. Tools, String No. }
Tool Dressers.....

FORMATION	Open or Close Hard or Soft	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Native Coal								
Pittsburgh Coal		863	870					
Little Dunkard							1204	
Big Dunkard		1415	1430					
Gas Sand								
First Salt		1760	1905		1795			
Second Salt								
Third Salt								
Maxon		1965	1975		1830			
Little Lime					1888			
Pencil Cave								
Big Lime								
Keener								
Big Injun		2150	2365			2738		
Squaw								
Weir								
Berea		2420	2445		2757	2742	2748	
Gantz		2620	2695					
Fifty Foot		2785	2845				2806	
Thirty Foot		2925	2940					
Gordon Stray		3018	3034					
Gordon		3045					3050	
Fourth							3051	
Fifth								
Total Depth			3058					

SIZE	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred Before Completing		Left at Well Not in Use		Steel Line Measurement		If more than two strings of casing are left in hole, give reasons for leaving additional strings
	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	Feet	In.	
13" Csg.															
10" "															
8 1/4" "															
6 5/8" "															
5 1/8" "															
Tbg.															
"															

PACKER RECORD

SIZE	KIND	Amount Anchor	Amount Above Anchor	REMARKS

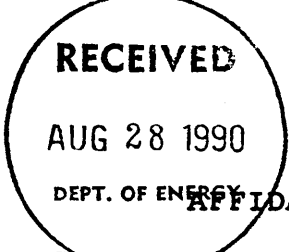
SHOOTING RECORD (If shot before or upon completion of well)

DATE	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT			TEST AFTER SHOT			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		

CEMENTING RECORD

Date Cemented..... Size Hole Cemented..... Size Casing Cemented.....
Top Pittsburgh Coal..... Top Cementing..... Amount Cement Used.....
Bottom Pittsburgh Coal..... Bottom Cementing..... Amount Sand Used.....
.....of..... Coal Company on ground when coal was cemented
marks:..... Signature of persons who cemented well

Approved..... Foreman



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

6061 166

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVITE SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: EASTERN ASSOCIATED COAL Operator Well No.: F2-101 (4154)

LOCATION: Elevation: 1150.00 Quadrangle: WADESTOWN
District: BATTELLE County: MONONGALIA
Latitude: 4650 Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude 725 Feet West of 80 Deg. 17 Min. 30 Sec.

Well Type: OIL _____ GAS X

Company: Eastern Assoc. Coal Corp. Coal Operator Eastern Assoc. Coal Corp.
Route 1 Box 144 or Owner Route 1 Box 144
Fairview, WV 26570 Fairview, WV 26570

Agent: Terry O. Hendershot Coal Operator _____
Inspector: Donald Ellis or Owner _____
Permit Issued: 04/11/90

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Monongalia ss:

Melvin Eddy and Jim Gump being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Chisler Brothers, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 12 day of July, 1990, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cleaned out to depth of	1200'			
Hit old pipe at 850' pulled	2 joints 7" pipe	40'		
Run 500 sacks Portland &	100 sacks Chem	Comp to get well	circulation	
Run logs Gamma Ray, Neutron,	& 3 arm caliper			
Used 79 sacks gell to mill	old pipe to 990'			
Run 227' of 2 3/8" tubing	and 981' of 4 1/2" pipe			
Run 700 sack Portland & 160	sacks Chem Comp & got	circulation		
Pumped latch down plug to	961'			
Bailed water out inside	4 1/2' checked	plug. O.K.	New 2 3/4" pipe (from 981' to 1208'	
Pittsburgh Coal 866' to	874'		old 5" pipe from 990' to bottom	
			New 4 1/2" pipe from surface to 981'	

Description of monument: 4 1/2" x 2" pipe with Metal Plate Date plugged, A.P.I.

and that the work of plugging and filling said well was completed on the 15 day of August, 1990.

And furthur deponents saith not.

Sworn and subscribe before me this 27 day of August, 1990
My commission expires: June 17, 1997

Melvin R Eddy
James V Gump
William J Kettle
Notary Public

SEP 6 1990