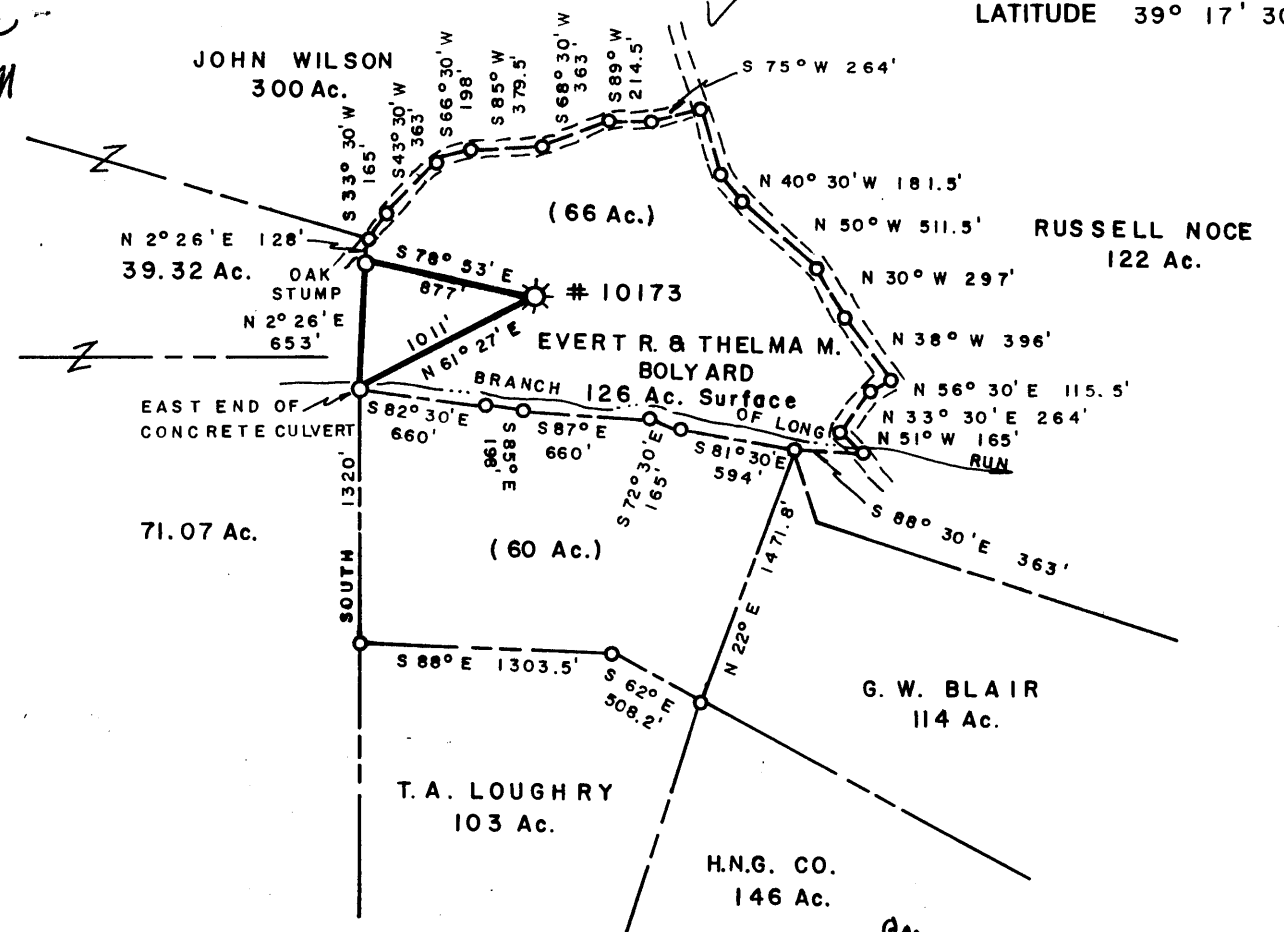


*James*  
9/3/91

LATITUDE 39° 17' 30"

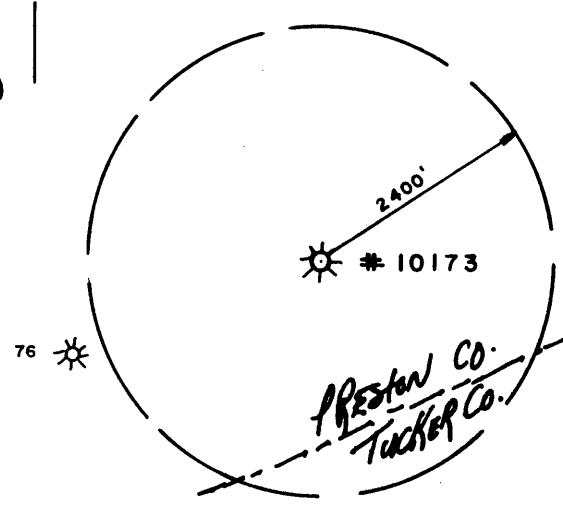


LONGITUDE 79° 42' 30"

NORTH

**WELL REF:**

LOC. TO 6" BLACK LOCUST N 19° 11' E 79'  
LOC. TO 9" POPLAR S 35° 51' E 146'

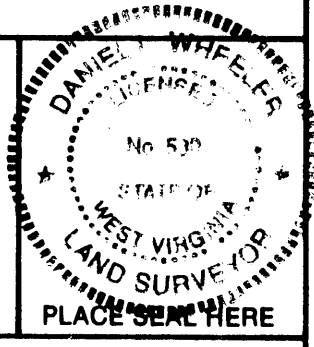


**D.L. WHEELER & ASSOCIATES, INC.**  
RT. 1, BOX 346  
CLARKSBURG, WV. 26301  
Tele. Ph.: 304-623-5851  
Fax. No.: 304-623-6131

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY 1 IN 200  
PROVEN SOURCE OF ELEVATION HOPE GAS CO. WELL # 10173 API # 77 ELEV 2082'

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 ENERGY.  
(SIGNED) *Daniel L. Wheeler*  
R.P.E. \_\_\_\_\_ L.L.S. 530  
DANIEL L. WHEELER



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



DATE JUNE 26, 1991  
OPERATOR'S WELL NO. # 10173  
API WELL NO.

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X

LOCATION: ELEVATION 2082' WATERSHED LONG RUN  
DISTRICT RENO COUNTY PRESTON

QUADRANGLE ROWLESBURG 7.5'  
SURFACE OWNER EVERT R. & THELMA M. BOLYARD ACREAGE 126  
OIL & GAS ROYALTY OWNER VIRGINIA SEVERE LEASE ACREAGE 126

LEASE NO. \_\_\_\_\_  
PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON X CLEAN OUT AND REPLUG \_\_\_\_\_  
TARGET FORMATION ORISKANY ESTIMATED DEPTH 5141'

WELL OPERATOR HOPE GAS, INC. DESIGNATED AGENT CALVIN MORRISON  
ADDRESS P.O. BOX 2868 ADDRESS P.O. BOX 2868  
CLARKSBURG, WV. 26301 CLARKSBURG, WV. 26301

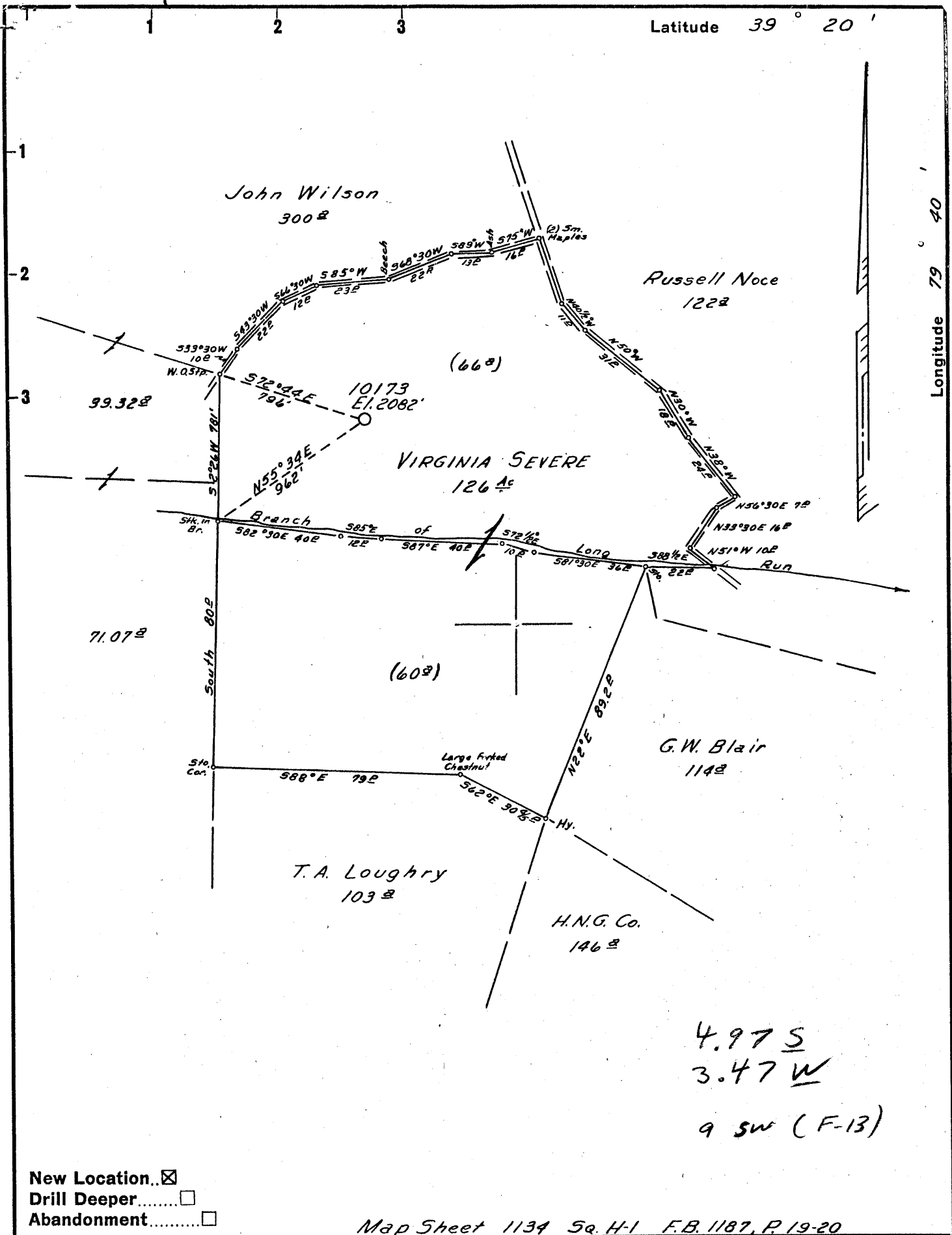
SEP 9 1991

10017

FORM WW-6

COUNTY NAME

PERMIT



4.975  
 3.47 W  
 9 SW (F-13)

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

Map Sheet 1134 Sq. H-1 F.B. 1187, P. 19-20

Company	HOPE NATURAL GAS CO.
Address	CLARKSBURG, W. VA.
Farm	VIRGINIA SEVERE
Tract	Acres 126 Lease No. 58783
Well (Farm) No.	Serial No. 10173
Elevation (Spirit Level)	2082'
Quadrangle	KINGWOOD-SW
County	PRESTON District RENO
Engineer	Guy H. Bradley
Engineer's Registration No.	24251
File No.	Drawing No.
Date	5/12/58 Scale 1"=40P

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

**WELL LOCATION MAP**  
 FILE NO. PRES-77

+ 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.

6-6 200 DEEP WELL



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle KINGWOOD  
Permit No. PRES-77

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Hope Natural Gas Company  
Address Clarksburg, W. Va. 126  
Farm Virginia Severe Acres 101.78X  
Location (waters) \_\_\_\_\_  
Well No. 10173 Elev. 2082'  
District Reno County Preston  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced May 29, 1958  
Drilling completed Nov. 6, 1958  
Date Shot Not From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 123 M Cu. Ft.  
Rock Pressure 1850# lbs. \_\_\_\_\_ hrs.  
Oil None bbls., 1st 24 hrs.  
WELL ACIDIZED No  
WELL FRACTURED Yes

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	<u>42</u>	<u>42</u>	
10	<u>476</u>	<u>476</u>	Size of
8 3/4	<u>1851</u>	<u>1851</u>	
6 3/4	<u>4750</u>	<u>4750</u>	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used	<u>181' of 5 1/2"</u>		Perf. top
			Perf. bottom

CASING CEMENTED 7" cemented with 70 bags SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
No Coal  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT Test 1,328 M  
ROCK PRESSURE AFTER TREATMENT Same  
Fresh Water 85' Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	25			
Slate			25	50			
Lime			50	80			
Slate & Shells			80	275	Water	85'	Hole full
Lime			275	485			
Broken Lime			485	802			
Sand			802	842			
Slate & Shells			842	1682		<u>4727</u>	<u>4916</u>
BEINSON			1682	1808		<u>2082</u>	<u>82</u>
Slate & Shell			1808	2045		<u>2645</u>	<u>2824</u>
Shale			2045	2560			
Lime			2560	3117			
Shale			3117	4327			
FULLY LIMESTONE			4327	4355			
Shale			4355	4727			
ONONDAGA			4727	4750			
CHERT			4750	4916	Gas	Chert	
ORISKANY			4916	5027	Gas	Oriskany	
Helderberg			5027	5141			
Total depth Drilled			<u>485</u>	5141'			
Cemented solid to				5035'			
Present total depth				5035'			



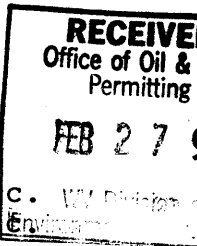
STATE OF WEST VIRGINIA  
DIVISION OF ENERGY  
SECTION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPPLICATE, 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: BOLYARD, EVERT & THELMA Operator Well No.:10173

LOCATION: Elevation: 2082.00 Quadrangle: ROWLESBURG  
District: RENO County: PRESTON  
Latitude: 10950 Feet South of 39 Deg. 17 Min. 30 Sec.  
Longitude 6825 Feet West of 79 Deg. 42 Min. 30 Sec.



Well Type: OIL \_\_\_\_\_ GAS x

Company: Hope Gas, Inc.  
P. O. Box 2868  
Clarksburg, WV 26301

Coal Operator None  
or Owner \_\_\_\_\_

Agent: Calvin R. Morrison

Coal Operator \_\_\_\_\_  
or Owner \_\_\_\_\_

Permit Issued: 09/05/91

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Preston

ss:

Calvin R. Morrison and Rymer Moyers 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 the above named well operator, and participated in the work of plugging and filling the above well, and Phillip Tracy Oil and Gas Inspector representing the Director, say that said work was commenced on the 11th day of November, 1991, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	554'	454'	10 3/4" CSG-450'	10 3/4" CSG-26'
Gel	454'	154'		
Cement	154'	Surface		13 3/8" CSG-42'

*Handwritten signature and date: 2/28/92*

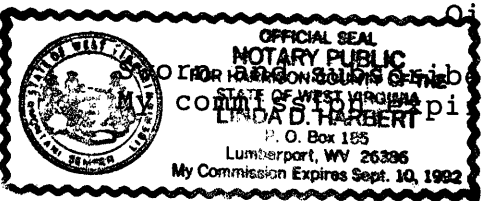
Description of monument: 7" CSG with API# Attached  
and that the work of plugging and filling said well was completed on the 22nd day of November, 1991.

And further deponents saith not.

Calvin R. Morrison

Rymer Moyers

Oil and Gas Inspector: Phillip L. Tracy



Subscribed and sworn to before me this 18th day of FEBRUARY, 1992  
at Clarksburg West Virginia. My Commission Expires SEPT 10 1992

Linda D. Harbert  
Notary Public

MAR 6 RECD