



- A = N 51° 47' W 20.0'
- B = N 39° 20' E 121.2'
- C = S 38° 24' 40" W 69.59
- D = N 38° 03' E 145.7
- E = N 38° 06' E 254.4'
- F = N 59° 34' 53" 687.125'
- G = N 42° 43' 18" 641.085'

SEE ATTACHED SHEET FOR BEARINGS @ 800.5 CONTOUR LINE

7.5' loc  
K/a  
4/29/92  
2.165  
0.12W } JIS

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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY \_\_\_\_\_  
 PROVEN SOURCE OF ELEVATION \_\_\_\_\_

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) Joseph O. Elwell, Jr.  
 R.P.E. \_\_\_\_\_ L.L.S. 1563-A



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



DATE July 8, 1991  
 OPERATOR'S WELL NO. 63  
 API WELL NO. Keystone  
47 - 061 1031-P  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 800' WATER SHED \_\_\_\_\_  
 DISTRICT Anton Cass COUNTY MONONGALIA  
 QUADRANGLE MORGANTOWN NORTH Morgantown 15' NW  
 SURFACE OWNER U.S. ARMY CORPS OF ENGINEERS ACREAGE \_\_\_\_\_  
 OIL & GAS ROYALTY OWNER U.S. ARMY CORPS OF ENGINEERS LEASE ACREAGE \_\_\_\_\_  
 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 \_\_\_\_\_ ESTIMATED DEPTH 1151'  
 WELL OPERATOR U.S. Army Corp. of Engineers DESIGNATED AGENT \_\_\_\_\_  
 ADDRESS R.D. #1 Box 67A ADDRESS \_\_\_\_\_  
Dillner, Pa. 15327 6-6 (068)

JUL 16 1991

COUNTY NAME  
 PERMIT

Case District, Monongalia County, W. Va.

By L. J. House Convex Glass Co., Point Marion, Pa. (G. E. Van Voorhis,  
Field Supt., Billiner, Pa.)On 20 acres, near W. Va.-Pa. State Line, by Monongahela River;  
surface owned by Myrtle Sterling, Morgantown, W. Va.

Completed July 9, 1923.

Elevation, 794' L.

6-5/8" casing, 944'; 2" tubing (removed).

Coal was encountered at 225-233 and 490-495'.

This report from old record, this well being purchased from the  
Morton Van Voorhis Estate in October, 1932.

Abandonment reported to Dept. of Mines Oct. 3, 1933.

Well was not shot.

Fresh water at 60'; salt water at 600'.

Producing well.

	Top.	Bottom.	Thickness.
Conductor (water at 60')	0	- 16	16
Little Dunkard Sand	100	- 150	50
Big Dunkard Sand	175	- 225	50
Coal	225	- 233	8
Gas Sand	370	- 400	30
Coal	490	- 495	5
Salt Sand (water at 600')	560	- 685	125
Little Lime	865	- 875	10
Pencil Cave	875	- 912	37
Big Lime	912	- 989	77
Big Injan Sand (gas, 999 and 1003')	989	- 1142	153

MON-70-A

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT 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: ELWELL, JOSEPH O. JR. Operator Well No.: KEYSTONE 63

LOCATION: Elevation: 800.00 Quadrangle: MORGANTOWN NORTH  
District: UNION County: MONONGALIA  
Latitude: 11450 Feet South of 39 Deg. 45 Min. Sec.  
Longitude: 12410 Feet West of 79 Deg. 52 Min. 30 Sec.

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

Company: U.S. ARMY CORPS OF ENGINEERS  
R.D. 1 BOX 67A  
DILLINER, PA 15327

Coal Operator U.S. ARMY CORPS OF ENGINEERS  
or Owner RD. 1 BOX 67A  
DILLINER, PA 15327

Agent: N/A

~~Coal Operator~~ CONTRACTOR  
~~or Owner~~ RWF OIL COMPANY  
186 COURTNEY MILL ROAD  
PITTSBURGH, PA 15208

Permit Issued: 08/01/91

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of MONONGALIA ss:

KENNETH D. ANGELL, JR and RALPH B. ROBERTS 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 Oil an Gas Inspector representing the Director, say that said work was commenced on the 9th day of JULY, 1991, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
CONCRETE BOTTOM PLUG	1147'	36'	NONE	2"(150') 7"(925')
SHOT 10" TUBING	36'		10"(36')	10"(36')
PUMPED TOP CONCRETE PLUG	36'	SURFACE		

12/16/93

Description of monument: N/A (TO BE SUBMERGED IN RIVER CHANNEL)  
and that the work of plugging and filling said well was completed the 22 day of JULY, 1991.

And further deponents saith not.

Kenneth D. Angell Jr  
Ralph B Roberts

Sworn and subscribe before me this 24 day of November  
My commission expires: March 11, 1996

Suzellen Barone  
Notary Public  
Randal Ymcke

Oil and Gas Inspector: \_\_\_\_\_