

Revised 5/1/90

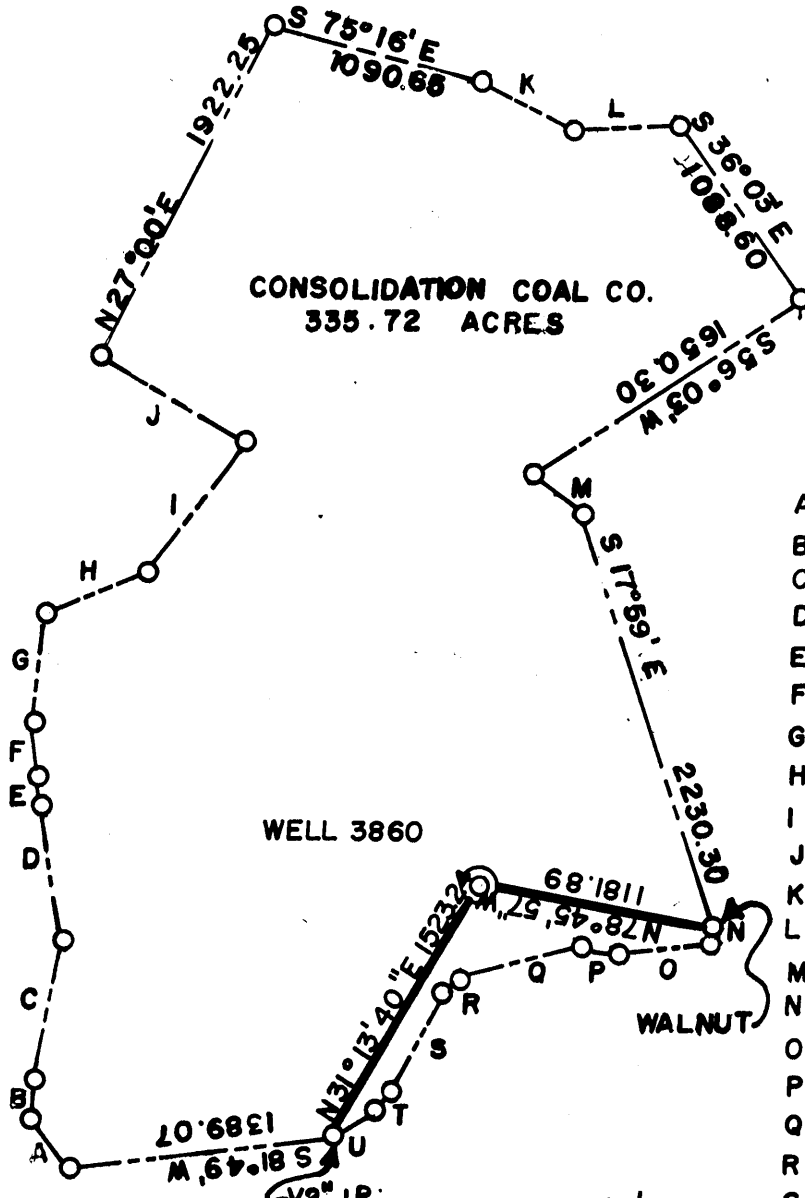
39° 37' 30"

LATITUDE
2,500

3100

LONGITUDE

80° 17' 30"



CONSOLIDATION COAL CO.
335.72 ACRES

WELL 3860

WALNUT

A	= N 38° 30' W	313.50
B	= N 7° 00' E	198.00
C	= N 11° 00' E	726.00
D	= N 10° 00' W	701.25
E	= N 6° 52' W	123.75
F	= N 5° 00' W	280.50
G	= N 6° 24' E	577.50
H	= N 67° 00' E	569.25
I	= N 36° 00' E	841.50
J	= N 60° 24' W	858.00
K	= S 63° 30' E	541.20
L	= N 87° 00' E	564.30
M	= S 54° 11' E	338.60
N	= S 12° 11' W	61.40
O	= S 81° 12' W	487.11
P	= N 77° 48' W	198.15
Q	= S 73° 37' W	655.81
R	= S 55° 31' W	99.07
S	= S 27° 01' W	584.53
T	= S 41° 48' W	113.90
U	= S 57° 32' W	247.51

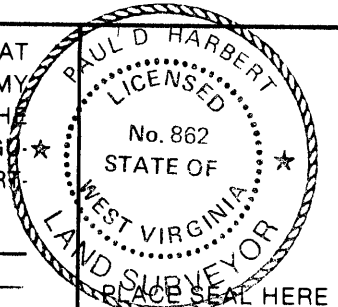
Calc 15' loc
3.475
2.70W

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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000
MINIMUM DEGREE OF ACCURACY 1 IN 5000
PROVEN SOURCE IF ELEVATION COMPANY SURVEY
TIED INTO U.S.G.S. NETWORK

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) Paul D. Harbert
R.P.E. _____ L.L.S. 862



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE APRIL 25, 1990
OPERATOR'S WELL NO. 3860
API WELL NO. _____

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
STATE COUNTY PERMIT 47 - 61 - 0959-P
ABANDONED X

LOCATION: ELEVATION 1385.54 WATERSHED PAW PAW
DISTRICT BATTELLE COUNTY MONONGALIA
QUADRANGLE MANNINGTON W.V. 21520

SURFACE OWNER CONSOLIDATION COAL CO. ACREAGE 335.72
OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____

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

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG X
TARGET FORMATION NONE ESTIMATED DEPTH _____
WELL OPERATOR CONSOLIDATION COAL CO. DESIGNATED AGENT ROGER E. DUCKWORTH
ADDRESS P.O. BOX 1314 MORGANTOWN W.V. 26505 ADDRESS P.O. BOX 1314 MORGANTOWN, W.V. 26505

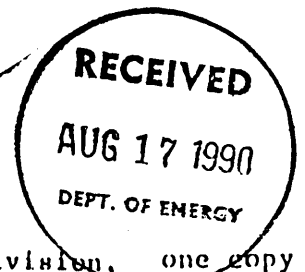
MAY 04 1990

COUNTY NAME

PERMIT

FORM WW-6

HALLS INC. 068065



AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE 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.

Consolidation Coal Company
 Coal Operator or Owner
 P. O. Box 1314, Morgantown, WV 26507-1314
 Address

Coal Operator or Owner
 Address
 Consolidation Coal Company
 Lease or Property Owner
 P. O. Box 1314, Morgantown, WV 26507-1314
 Address

Consolidation Coal Company
 Name of Well Operator
 P. O. Box 1314, Morgantown, WV 26507-1314
 Complete Address

March 29, 19 90
 WELL AND LOCATION
 Battelle District
 Monongalia County

WELL NO. 3860

Consolidation Coal Company Farm

STATE INSPECTOR SUPERVISING PLUGGING Don Ellis, 2604 Crabapple Lane, Fairmont, WV 26554

AFFIDAVIT

STATE OF WEST VIRGINIA,
 County of Harrison

ss:

Calvin C. Lofton and _____
 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 Consolidation Coal Company, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 10th day of May, 19 90, and that the well was plugged and filled in the following manner:

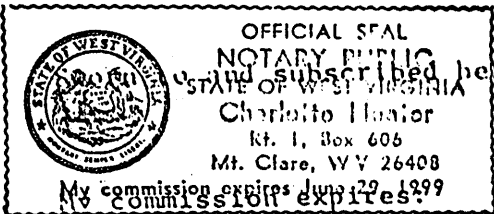
Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
Cleaned 9 7/8" hole to 675'	Reduced hole to 7 7/8".			
Cleaned 7 7/8" hole to 1,750'	Cleaned out 10" hole thru			
Pittsburgh Coal at 1,048' to 1,057'	Pulled 489' of 8" casing. Eight inch (8") left in hole from 1,265' to 1,587'			
Ran mine protection string as tubing followed by 1,192.84' of 4 1/2" casing. Latch down plug at 1,168.46'. Float valve at 1,192.84'. Swedge at 1,193.84'.	Follows: 551.97' of 2 3/8" cement to surface as follows: Pumped 875 sacks of poz mix followed by 330 sacks of thixotropic cement. Used 1,000 gallons of mud flush.			
TOTAL DEPTH : 1,744.81'.				
Coal Seams		Description of Monument		
(Name) Pittsburgh	1,048' to 1,057'	5 feet of 4 1/2" casing with plaque stating: Consol WV 3860 #47-61-0959-P		
(Name)				
(Name)				
(Name)				

[Signature] 8/21/90

and that the work of plugging and filling said well was completed on the 23rd day of May, 19 90.

And further deponents saith not.

[Signature]
[Signature]
 Notary Public August 24 1990



June 29, 1999.

Permit No. 47-61-0959-P