

39 40' 00" LATITUDE → 1500'

NORTH

10,870'

80 20' 00" LONGITUDE

CONSOLIDATION  
COAL COMPANY

FREDA L. PHILLIPS  
125.415 ACRES

STONE

BREIDING

FENCE  
POST

PRICE

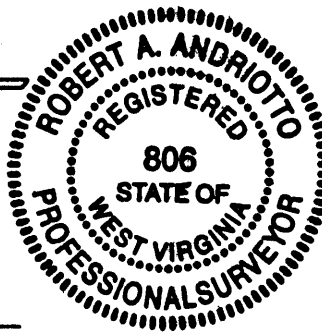
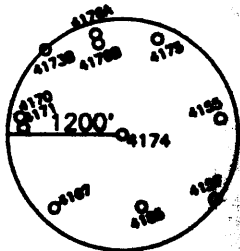
KING

PHILLIPS

WELL  
#4174

LINE	BEARING	DISTANCE
L1	N 87° 15' E	462.00'
L2	N 75° 00' V	356.80'
L3	N 49° 31' 15" V	316.80'
L4	N 82° 34' 45" E	487.50'
L5	N 87° 28' 15" E	297.00'
L6	N 49° 31' 15" V	316.80'
L7	N 55° 13' 37" V	197.25'
L8	N 75° 00' V	356.80'
L9	N 19° 15' 15" E	194.76'
L10	N 20° 15' 15" E	334.00'
L11	N 10° 15' 15" E	448.50'
L12	S 71° 15' 15" E	248.50'
L13	N 23° 00' E	353.50'

LINE	BEARING	DISTANCE
L14	N 65° 15' E	535.97'
L15	N 22° 09' 27" E	197.25'
L16	S 63° 10' E	708.85'
L17	S 10° 00' E	242.11'
L18	S 36° 54' 12" E	594.00'
L19	N 90° 00' E	354.75'
L20	S 54° 00' E	494.42'
L21	S 12° 00' E	175.12'
L22	S 40° 00' V	194.76'
L23	S 25° 09' 26" V	560.31'
L24	S 12° 09' 25" V	197.77'
L25	S 65° 30' 25" E	563.63'
L26	S 30° 09' 25" V	692.18'
L27	S 10° 09' 25" V	362.57'



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.  
P.S. 806 *Robert A. Andriotto*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE JUNE 10, 19 96  
OPERATORS WELL NO. 4174  
API WELL NO. 47-61-01252  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. \_\_\_\_\_  
PROVEN SOURCE OF ELEVATION COMPANY NETWORK TIED INTO U.S.G.S. SCALE 1" = 600'

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION



WELL TYPE : OIL \_\_\_\_\_ GAS \_\_\_\_\_ LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_ "GAS" PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_

LOCATION :  
ELEVATION 1365.54 WATERSHED RANGE RUN  
DISTRICT BATTELLE COUNTY MONONGALIA QUADRANGLE WADESTOWN WV-PA 7.5'

SURFACE OWNER FREDA L. PHILLIPS ACREAGE 125.415  
ROYALTY OWNER \_\_\_\_\_ LEASE ACREAGE \_\_\_\_\_  
PROPOSED WORK : \_\_\_\_\_ LEASE NO. \_\_\_\_\_

DRILL \_\_\_\_\_ CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD \_\_\_\_\_  
FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ PLUG AND ABANDON \_\_\_\_\_  CLEAN OUT AND REPLUG \_\_\_\_\_ OTHER \_\_\_\_\_  
PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_

COUNTY NAME PERMIT

WELL OPERATOR CONSOLIDATION COAL CO. 1944 DESIGNATED AGENT ROGER E. DUCKWORTH  
ADDRESS P.O. BOX 100 OSAGE, WV 26543 ADDRESS P.O. BOX 100 OSAGE, WV 26543

2.075  
0.200

AUG 6 8 1996

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 COAL  
Coal Operator or Owner  
P. O. BOX 100, OSAGE, WV 26543  
Address  
CONSOLIDATION COAL COMPANY  
Coal Operator or Owner  
1800 WASHINGTON RD., PITTSBURGH, PA. 15241  
Address  
CHARLES PHILLIPS  
Lease or Property Owner  
RT. 1, BOX 8A, WADESTOWN, WV 26590  
Address

CONSOLIDATION COAL COMPANY  
Name of Well Operator  
P. O. BOX 100, OSAGE, WV 26543  
Complete Address  
6-16-97 19  
WELL LOCATION  
BATTELLE  
District  
MONONGALIA  
County  
#4174  
WELL NO.  
CHARLES PHILLIPS  
FARM

STATE INSPECTOR SUPERVISING PLUGGING Randolph M. ...  
AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of HARRISON

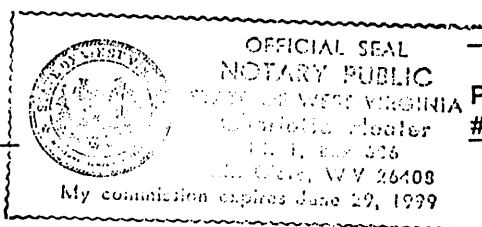
ss:

G. ANDREW LANG and KEVIN WRIGHT  
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 CO.  
well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 19TH day of February 1997 and that the well was plugged in the following manner:

Sand or Zone Record	Filling Material	Plugs Used	Casing Pulled	Casing Left In
Formation		Size & Kind		
		8 5/8"	280'	418'
		20" CONDUCTOR		0 31'
CLEANED HOLE WITH 17" BIT FROM SURFACE TO 145'. REDUCED HOLE TO 15" AND CLEANED 15" HOLE TO 190'. REDUCED HOLE TO 9 7/8" AND CLEANED 9 7/8" HOLE FROM 190' TO 952', TOP OF 8 5/8" CASING. REDUCED HOLE TO 7 7/8" AND CLEANED OUT 8 5/8" CASING FROM 952' TO 1657'. PULLED 8 5/8" CASING FROM 952' TO 1232'. CLEANED HOLE WITH 9 7/8" BIT FROM 952' TO 1232'. CLEANED 9 7/8" HOLE THRU PITTSBURGH COAL FROM 1192' TO 1199'. LEFT 8 5/8" CASING IN HOLE FROM 1232' TO 1650'. RAN COAL PROTECTION STRING AS FOLLOWS: 1645' OF 4 1/2" CASING. CEMENTED HOLE FROM 1645' BACK TO SURFACE USING 890 SACKS OF POZ MIX AND 115 SACKS OF THIXATROPIC CEMENT. LATCH DOWN PLUG AT 1355.40'. FLOAT VALVE AT 1385.85'. CEMENT DID CIRCULATE. DISPLACED CEMENT WITH WATER LET SET AND BAILED DRY. TOTAL DEPTH 1,657 FEET				
Coal Seams		Description of Monument		
(Name) PITTSBURGH	1192' TO 1199'	8' OF 4 1/2" CASING WITH PLAQUE STATING CONSOLIDATION COAL COMPANY WELL #4174		
(Name)		0 PERMIT #47-61-1252-P		

and that the work of plugging and filling said well was completed on the 13TH day of March 1997.  
And further deponents saith not.

Sworn to and subscribed before me this 16TH day of June 1997



Kevin B. Wright  
G. Andrew Lang  
Charlotte Plester  
Notary Public

My commission expires: 6-29-99

Permit No. #47-61-1252-P

JUN 24 1997