

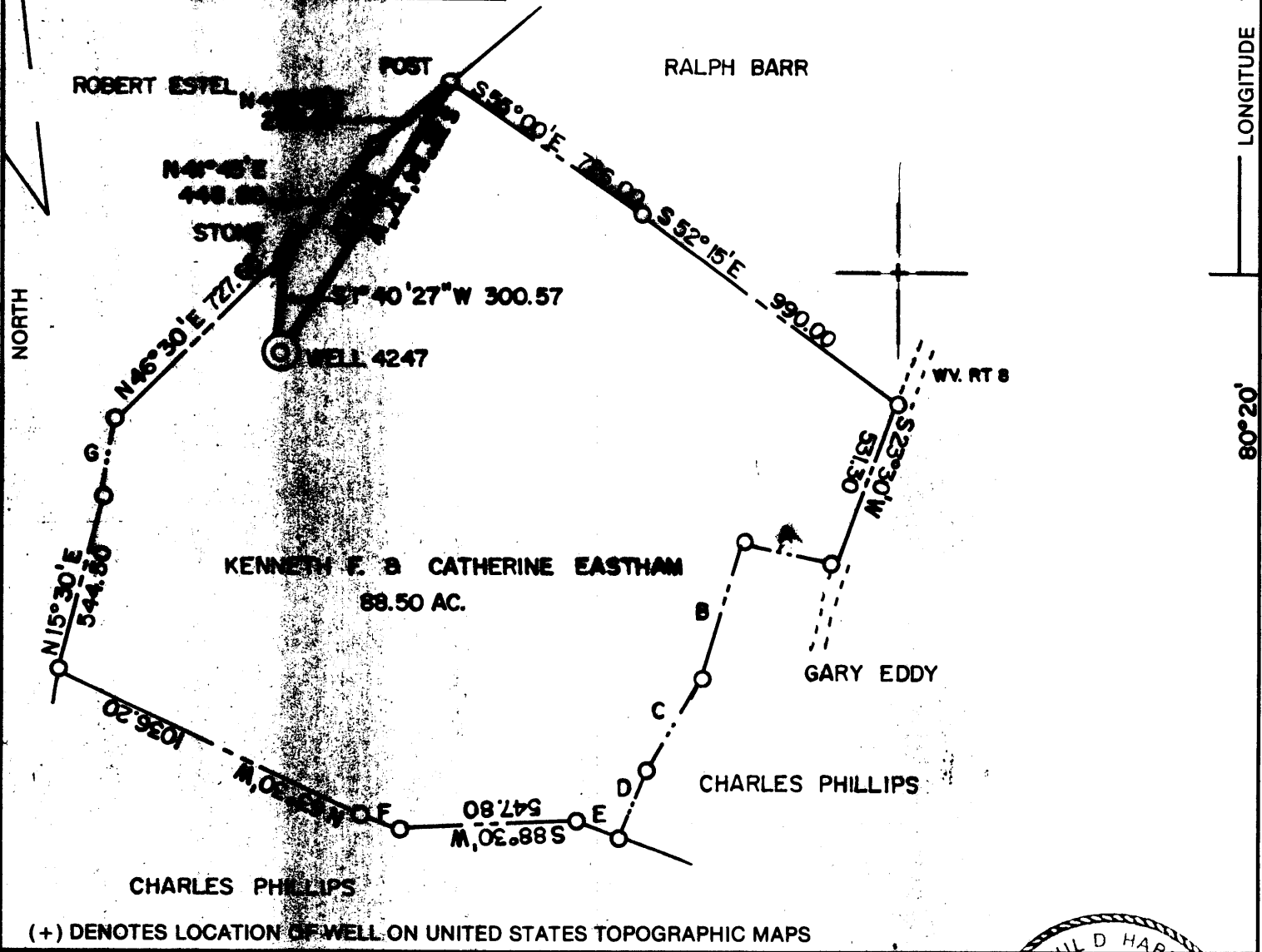
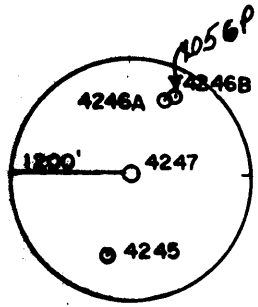
4247

*April 1/20/92 & 12/19/96*

39°40'

LATITUDE 4,500

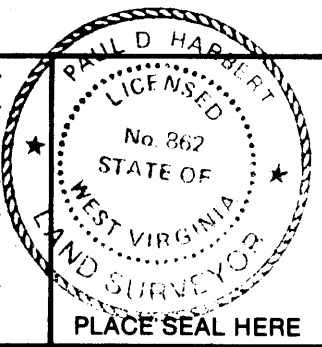
A =	N 75°45' W	300.50
B =	S 18°00' W	448.80
C =	S 32°15' W	350.00
D =	S 23°15' W	831.00
E =	N 68°30' W	164.87
F =	N 67°00' W	251.00
G =	N 8°00' W	301.45



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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 IN 5000  
 PROVEN SOURCE OF 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 10-24, 1991  
 OPERATOR'S WELL NO. 4247  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_\_\_ GAS \_\_\_\_\_ LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW X ABANDONED X  
 LOCATION: ELEVATION 1426.30 WATER SHED SOUTH FORK OF DUNKARD CREEK  
 DISTRICT BATTELLE COUNTY MONONGALIA  
 QUADRANGLE WADESTOWN

SURFACE OWNER KENNETH F. & CATHERINE EASTHAM ACREAGE 88.50  
 OIL & GAS ROYALTY OWNER \_\_\_\_\_ 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 CLEAN OUT AND REPLUG X  
 TARGET FORMATION NONE ESTIMATED DEPTH \_\_\_\_\_  
*Permit issued and expired to have number reissue under same Number 1-3 1996*

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

HALLS INC. 068065 FORM WW-6

LONGITUDE 7,906' 02" 08" MONONG COUNTY NAME 10547 CANE PERMIT

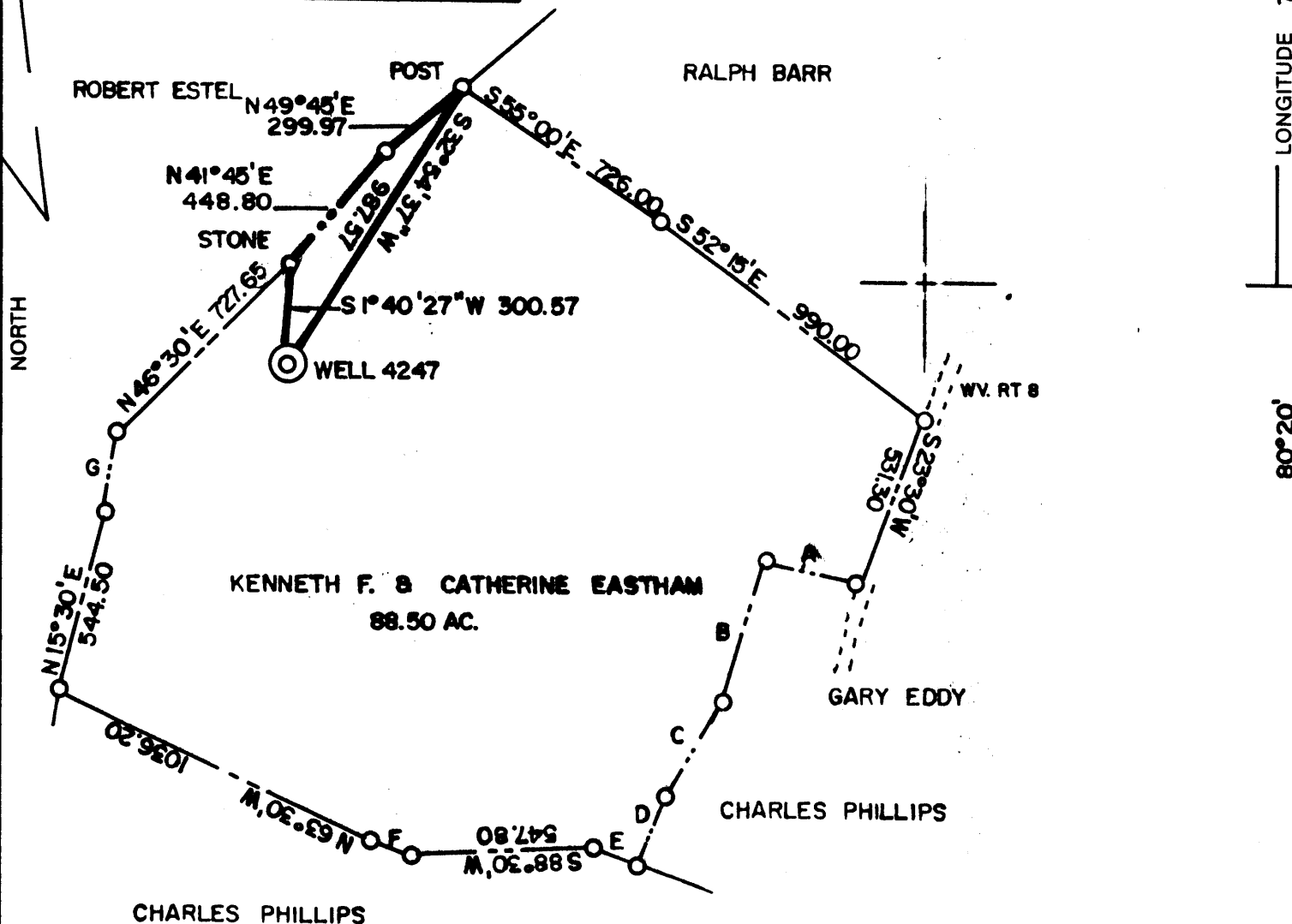
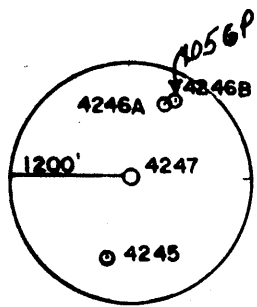
*Jemie*  
*1/28/92*

39°40'

LATITUDE

4,500

A =	N 73° 45' W	280.50
B =	S 18° 00' W	448.80
C =	S 32° 15' W	330.00
D =	S 23° 15' W	231.00
E =	N 66° 00' W	144.87
F =	N 67° 30' W	131.00
G =	N 8° 48' 14" E	241.45

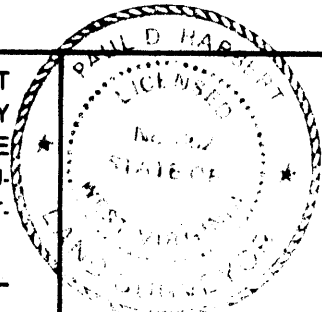


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PROVEN SOURCE OF ELEVATION COMPANY SURVEY  
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(SIGNED) Paul D. Harbert  
R.P.E. \_\_\_\_\_ L.L.S. 862



PLACE SEAL HERE

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



DATE 10-24, 1991  
OPERATOR'S WELL NO. 4247  
API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ STATE 47 COUNTY 61 1056P  
(IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X ABANDONED X PERMIT Cancelled

LOCATION: ELEVATION 1426.30 WATER SHED SOUTH FORK OF DUNKARD CREEK  
DISTRICT BATTELLE COUNTY MONONGALIA 1'

QUADRANGLE WADESTOWN  
SURFACE OWNER KENNETH F. & CATHERINE EASTHAM ACREAGE 88.50  
OIL & GAS ROYALTY OWNER \_\_\_\_\_ 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 \_\_\_ 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 27 1994

FORM WW-6 HALLS INC. 068065

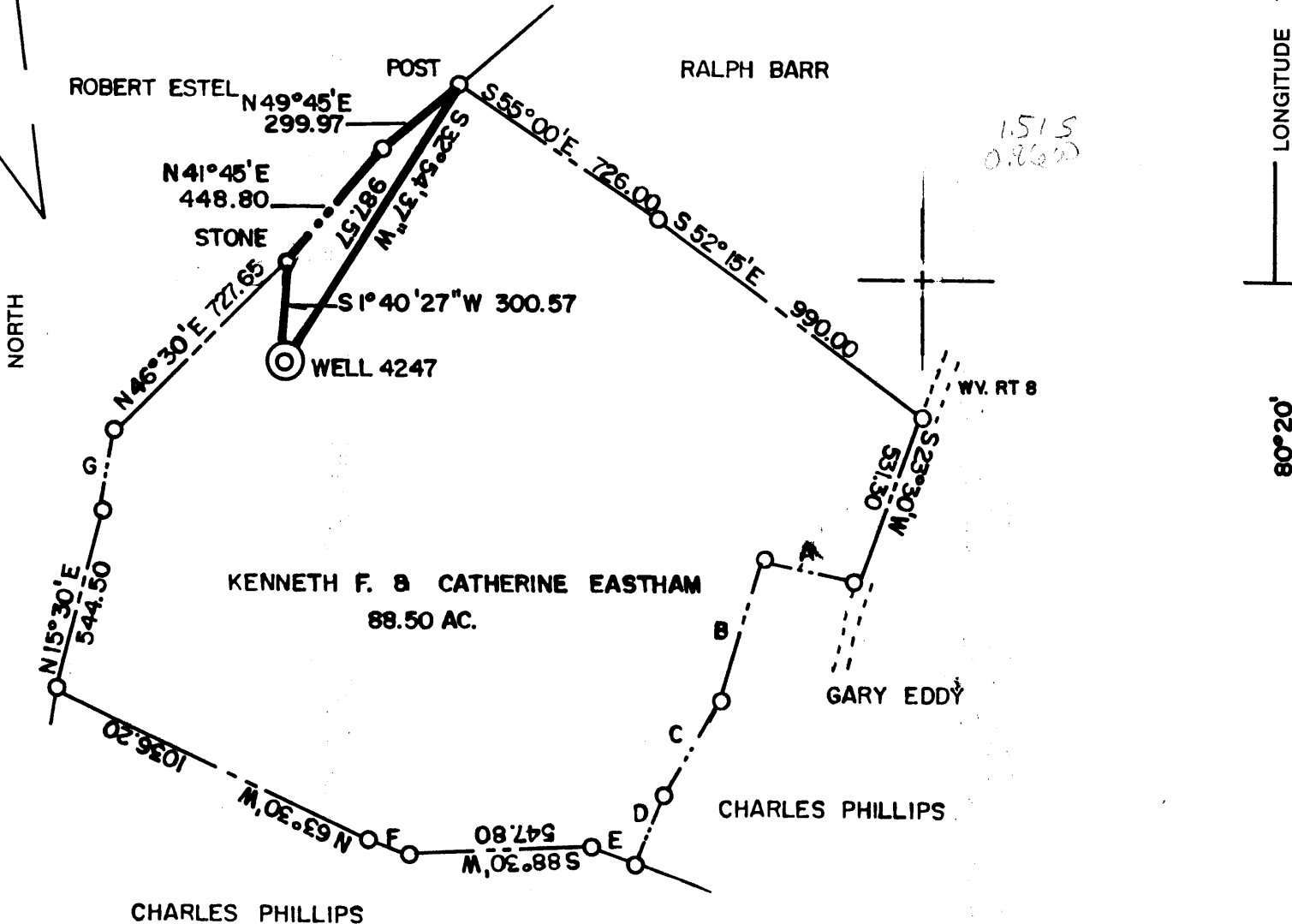
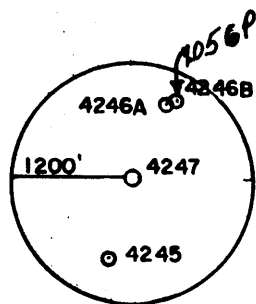
LONGITUDE 79°06'20" N

*Jemie*  
*1/28/92*

39°40'

LATITUDE 4,500

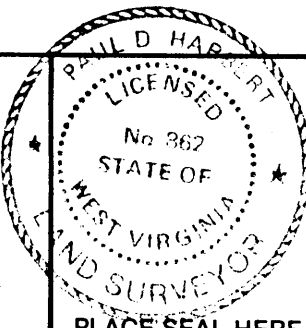
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PLACE SEAL HERE

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



DATE 10-24, 1991  
OPERATOR'S WELL NO. 4247  
API WELL NO. \_\_\_\_\_

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

LOCATION: ELEVATION 1426.30 WATERSHED SOUTH FORK OF DUNKARD CREEK  
DISTRICT BATTELLE COUNTY MONONGALIA  
QUADRANGLE WADESTOWN

SURFACE OWNER KENNETH F. & CATHERINE EASTHAM ACREAGE 88.50  
OIL & GAS ROYALTY OWNER \_\_\_\_\_ 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) \_\_\_\_\_

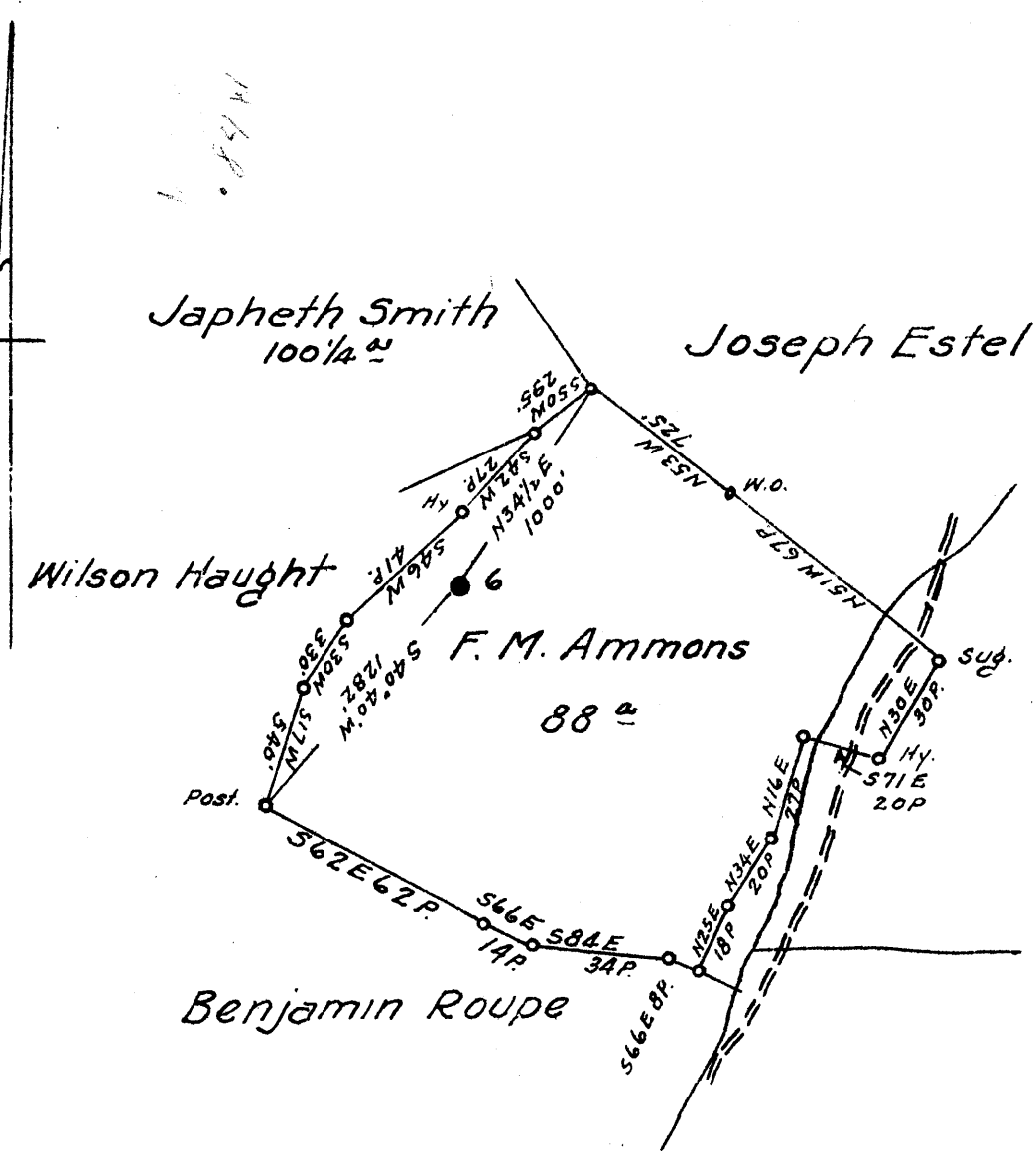
PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG X  
TARGET FORMATION NONE ESTIMATED DEPTH \_\_\_\_\_  
WELL OPERATOR CONSOLIDATION COAL CO. DESIGNATED AGENT ROGER E. DUCKWORTH  
ADDRESS P.O. BOX 1314 MORGANTOWN W.V. 26505 ADDRESS P.O. BOX 1314 MORGANTOWN W.V. 26505

FORM WW-6  
0688065  
HALLS INC.

LONGITUDE 7,006 2  
80°20'

Latitude 39 40

Longitude 80 20



Coal: Fred Ammons  
Wadestown, W. Va.

Surface: Dorcas Estel  
Wadestown, W. Va.

0.88 W  
1.63 Q

New Location   
Drill Deeper   
Abandonment

JUL 28 1943

N13-14 E 15-16 Map N71E

Company South Penn Natural Gas Co.  
 Address Parkersburg, W. Va.  
 Farm F. M. Ammons  
 Tract \_\_\_\_\_ Acres 88 Lease No. 57973  
 Well (Farm) No. 6 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1430.98  
 Quadrangle Mannington  
 County Monongalia District Battelle  
 Engineer A.C. Hilbert  
 Engineer's Registration No. \_\_\_\_\_  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 6-25-43 Scale 1"=800'

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

WELL LOCATION MAP  
 FILE NO. MON-293-A

+ 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

F. M. AMMONS No. 6 — SOUTH PENN N.G. Co. — MON-293-A

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

341

WELL RECORD

Permit No. AB 20-A

Oil or Gas Well OIL  
(KIND)

Company South Penn Natural Gas Company  
Address Union Trust Bldg. Parkersburg, W. Va.  
Farm F. M. Ammons Acres 88  
Location (waters) -----  
Well No. 6 Elev. 1430.98  
District Battelle County Monongalia  
The surface of tract is owned in fee by Dorcas Estel  
Address Wadestown, W. Va.  
Mineral rights are owned by D. H. Courtney, Jr. et al  
Address Morgantown, W. Va.  
Drilling commenced Dec. 21, 1909  
Drilling completed March 15, 1910  
Date Shot 9-8-10 From ----- To -----  
With 10 Qts. each shot  
Open Flow /10ths Water in --- Inch  
/10ths Merc. in --- Inch  
Volume ----- Cu. Ft.  
Rock Pressure --- lbs --- hrs.  
Oil 100 bbls., 1st 24 hrs.  
Fresh water --- feet --- feet  
Salt water --- feet --- feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>---</u>
13			<u>---</u>
10	<u>287'</u>		Size of <u>---</u>
8 1/4	<u>1808'</u>		<u>---</u>
6 3/4	<u>2520'</u>		Depth set <u>---</u>
5 3/16	<u>2914'</u>		<u>---</u>
3			Perf. top <u>---</u>
2			Perf. bottom <u>---</u>
Liners Used	<u>4X4 1/2 - 170'</u>		Perf. top <u>---</u>
Cond.	<u>16'</u>		Perf. bottom <u>---</u>

CASING CEMENTED --- SIZE --- No. Ft. --- Date ---

COAL WAS ENCOUNTERED AT 898? FEET ? INCHES  
1168 FEET 72? INCHES 1260 FEET 96? INCHES  
--- FEET --- INCHES --- FEET --- INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Bluff Sand			865	--			
Fairview Coal			898	--			
Mapletown Coal			1168	1174?			
Pittsburgh Coal			1260	1268?			
Big Dunkard			1780	1875			
Gas Sand			1950	2030			
Salt Sand			2175	2270			
Big Line			2485	2560			
Big Injun Sand			2560	2725			
Squaw Sand			2740	2752			
Fifty Foot Sand			3164	3269			
30 Foot Sand			3272	3294	Gas	3194	
Stray Sand			3384	3398			
Campbells Run Sand			3407	3451			
Gordon Sand			3467	3477	Oil	3413	
Fourth Sand			3502		Oil	3503	
Total Depth				3525			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date **July 7, 1943**, 194

APPROVED **SOUTH PENN NATURAL GAS COMPANY,** Owner

By *Elton Young* Land Agent.

(Title)

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE 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.

CONSOLIDATION COAL COMPANY  
Coal Operator or Owner  
P.O. BOX 100 OSAGE, WV 26453  
Address  
Coal Operator or Owner  
Address  
KENNETH F & CATHERINE EASTHAM  
Lease or Property Owner  
WADESTOWN, WV  
Address

CONSOLIDATION COAL COMPANY  
Name of Well Operator  
P.O. BOX 100 OSAGE, WV 26453  
Complete Address  
August 15 1997  
WELL LOCATION  
BATTELLE  
District  
MONONGALIA  
County  
4247  
WELL NO.  
KENNETH F & CATHERINE EASTHAM  
FARM

STATE INSPECTOR SUPERVISING PLUGGING

*[Signature]*

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 COMPANY well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 30TH day of 1 - 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		
CLEAN HOLE WITH 9 7/8" BIT FROM SURFACE TO 1053'. TOP AT 8" CASING.			8 1/4"	UNKNOWN
PULLED 8" CASING FROM 1053' TO 1474'. CLEAN 9 7/8" HOLE TO 1451'.				
REDUCE HOLE TO 7 7/8". CLEAN 7 7/8" HOLE 1451' - 1653'. LEFT 8" CASING IN HOLE FROM 1474' TO UNKNOWN. CLEAN 9 7/8" HOLE THUR PITTSBURGH COAL 1271' - 1279'. RUN COAL PROTECTION STRING AS FOLLOWS: PERFORATE 1ST JOINT OF 4 1/2" AND RUN 1619.39' OF 4 1/2" CASING, 2" TUBING DOES NOT APPLY. CEMENT HOLE FROM 1619.39 BACK TO SURFACE USING 540 SACKS POZ MIX AND 200 SACKS THIXATROPIC CEMENT. 22' OF 16" CONDUCTOR LEFT IN HOLE FROM GROUND LEVEL.				
USED 1000 GALLONS OF MUD FLUSH.				
LATCH DOWN PLUG AT 1436.14'. FLOAT VALVE AT 1462.98'.				
CEMENT DID CIRCULATE. DISPLACED CEMENT WITH WATER LET SET AND BAILED DRY.				
TOTAL DEPTH: 1653'.				
Coal Seams		Description of Monument		
(NAME) Pittsburgh	1271' to 1279'	5' of 4 1/2" casing with plaque stating Consolidation Coal Co. Well # 4247		
(Name)		Permit# 47-61-1056-P		
(Name)				
(Name)				

and that the work of plugging and filling said well was completed on the 11th day of 2 - 1997

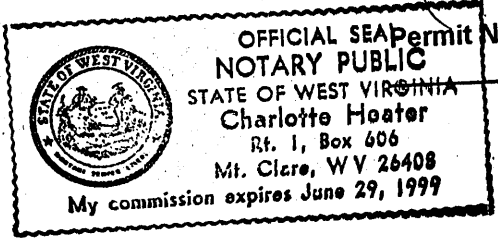
And further deponents saith not.

*[Signatures]*

Sworn to and subscribed before me this 15th day of

*[Signature]*  
Notary Public

My commission expires: June 29, 1999



47-61-1056-P

July 1997