

39° 42' 30"

LATITUDE
6,000

SHRIVER

BROOKOVER EST.

BARR

EDDY

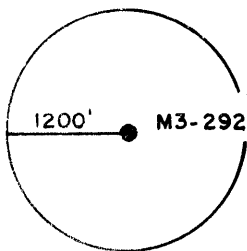
TITUS BROOKOVER EST.
LOT 3

M3-292

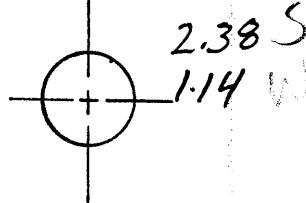
W.V. SEC. RT 2011

12,550
LONGITUDE

1,01° 08'



S 75° 05' W 140.10
 N 86° 16' W 323.10
 S 76° 20' W 246.20



S 73° 29' 31" W 451.32
 S 23° 52' W 347.50
 S 52° 24' W 123.00
 S 28° 28' W 199.00

S 73° 50' E 864.50
 N 35° 20' E 647.00

N 71° 01' W 334.70
 M 10° 01' W

1000.00
 N 16° 55' W

S 13° 30' W 231.40

S 66° 50' E 50.00
 S 43° 07' 28" E 776.60

1003.50

1/2" I.P.

S 44° 27' W 184.60

06' 22"

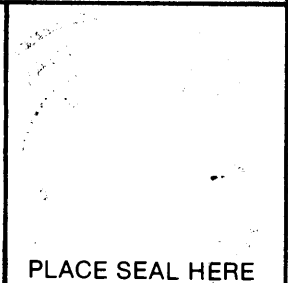
M, H = 18 N

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 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 10-28, 19 89
 OPERATOR'S WELL NO. M3-292
 API WELL NO.

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X **ABANDONED**

LOCATION: ELEVATION 1097.77 WATER SHED DAYS RUN
 DISTRICT CLAY 3 COUNTY MONONGALIA
 QUADRANGLE BLACKSVILLE W.V., PA.

SURFACE OWNER TITUS H. BROOKOVER EST. ACREAGE 42.18
 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 X CLEAN OUT AND REPLUG ___

TARGET FORMATION NONE ESTIMATED DEPTH _____

WELL OPERATOR CONSOLIDATION COAL CO. 194 DESIGNATED AGENT ROGER E. DUCKWORTH

ADDRESS P.O. BOX 1314 MORGANTOWN, WV 26505 ADDRESS P.O. BOX 1314 MORGANTOWN, WV 26505

COUNTY NAME

PERMIT

FEB 23 1990

BROOKOVER NO. 1 WELL.

Mon 84

Clay District, Monongalia County, W. Va.

By M. R. Phillips, Blacksville, W. Va.

Drilled under permit Mon-54 Blacksville Quad.

Rock pressure, 300 lbs.

13" casing, 86'; 10", 710'; 8 1/2", 1514'; 6 3/8", 1920'; 3" tubing, 3267'.

Gas well. Record from Smith 5-11-37.

	Top.	Bottom.
Top well	0	15
Slate and shale	15	160
Lime	160	200
Slate and lime	200	265
Bluff Sand	265	320
Slate	320	326
Waynesburg Coal	326	332
Lime and slate	332	545
Sand	545	585
Mapletown (Sewickley) Coal	585	591
Lime and slate	591	688
Pittsburgh Coal	688	698
Lime and slate	698	830
Red rock	830	865
Lime and red rock	865	1062
Coal (gas)	1062	1065
Lime and slate	1065	1120
Little Dunkard Sand	1120	1138
Lime and slate	1138	1200
Big Dunkard Sand	1200	1273
Lime and slate	1273	1454
Gas Sand	1454	1489
Slate and sand	1489	1534
Salt Sand (water)	1534	1696
Slate and lime	1696	1914
Pencil Cave	1914	1919
Big Lime	1919	2000
Big Injun Sand	2000	2175
Slate, lime, and sand	2175	2814
Cardo. Sand	2814	2828
Slate and shells	2828	2902
4th Sand	2902	2928
Slate, sand, and shells (gas)	2928	3020
Slate and sand (gas)	3020	3122
Bayard Sand	3122	3267
Total depth		3267

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

W E L L R E C O R D

Permit No. Mon-84

Gas Well

Blacksville Quad.

Company - M. R. Phillips
 Address - Blacks ville, W.Va.
 Farm - Brookover. Acres-
 Location -
 Well No. - One
 District - Clay. County - Monongalia
 Surface -
 Address -
 Mineral -
 address -
 Drilling - Commenced-
 Completed-
 Open Flow -
 Rock Press.- 300 lbs.
 Oil -
 Fresh Water-
 Salt Water -

CASING & TUBING

13	86
10	710
8 $\frac{1}{4}$	1514
6-5/8	1929
3	3267

Formation	Color	Top	Bottom	Result	Formation	Color	Top	Bottom	Result
Top Soil			15						
Slate & Shale		15	160						
Lime		160	200						
Slate & Lime		200	265						
Bluff Sand		265	320						
Slate		320	326						
Waynesburg Coal		326	332						
Lime & Slate		332	545						
Sand		545	585						
Mapletown Coal		585	591						
Lime & Slate		591	688						
Pittsburgh Coal		688	698						
Lime & Slate		698	830						
Red Rock		830	865						
Lime & Red Rock		865	1062						
Coal		1062	1065	Gas					
Lime & Slate		1065	1120						
Little Dunkard Sand		1120	1138						
Lime & Slate		1138	1200						
Big Dunkard Sand		1200	1273						
Lime & Slate		1273	1454						
Gas Sand		1454	1489						
Slate & Sand		1489	1534						
Salt Sand		1534	1696	Water					
Slate & Lime		1696	1914						
Pencil Cave		1914	1919						
Big Lime		1919	2000						
Big Injun Sand		2000	2175						
Slate, Lime & Sand		2175	2814						
Gordon Sand		2814	2828						
Slate & Shells		2828	2902						
4th Sand		2902	2928						
Slate, sand & Shells		2928	3020	Gas					
Slate & Sand		3020	3122	Gas					
Byard Sand		3122	3267	(bottom of well)					

REC-1
AUG 29 1990
Oil and Gas Section

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 Co.	Consolidation Coal Co.
Coal Operator or Owner	Name of Well Operator
P.O. Box 1314 Morgantown, W.Va. 26507	P.O. Box 1314 Morgantown, W.Va. 26807
Address	Complete Address
Consolidation Coal Co.	August 9 1990
Coal Operator or Owner	WELL AND LOCATION
P.O. Box 1314 Morgantown, W.Va. 26507	Clay District
Address	Monongalia County
Titus H. Brookover Est.	WELL NO. M3-292
Lease or Property Owner	Titus Brookover Farm
Address	Don Ellis
STATE INSPECTOR SUPERVISING PLUGGING	Don Ellis

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Monongalia
Larry L. Yost

ss:

and Dennis L. Yost

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 July, 1990, and that the well was plugged and filled in the following manner:

Sand or Zone Record	Filling Material	Plugs Used	Casing
Formation	Pulled 952 ft. of 3 1/2" casing; Pulled 190 ft. of 10" casing; Cleaned wellbore to 1272 ft. Ran coal protection string as follows: 912 ft. of 4 1/2" casing; 313 ft. of 2 3/8" tubing; Latch down at 882 ft.; Float valve at 912 ft.; Swedge at 913 ft. Circulated cement to surface as follows; 590 sacks of Poz Mix; 530 sacks of expanding type cement; 1,000 gal. of mud flush. Let set, bailed dry, set monument.	Size & Kind 3 1/2" 10"	CSG PULLED LEFT IN 952 ft. 190 ft.
Coal Seams			Description of Monument 6 ft. of 4 1/2" casing with plaque stating Consol 47-61-0084-P
(Name) Pittsburgh- 695 ft.			
(Name)			
(Name)			
(Name)			

and that the work of plugging and filling said well was completed on the 8th day of August, 1990.

And further deponents saith not.

Sworn to and subscribed before me this 22nd day of August, 1990.

Larry L. Yost
Dennis L. Yost
Gelli D. Wilson
Notary Public

My commission expires:

March 15, 1993

Permit No. 47-61-0084-P