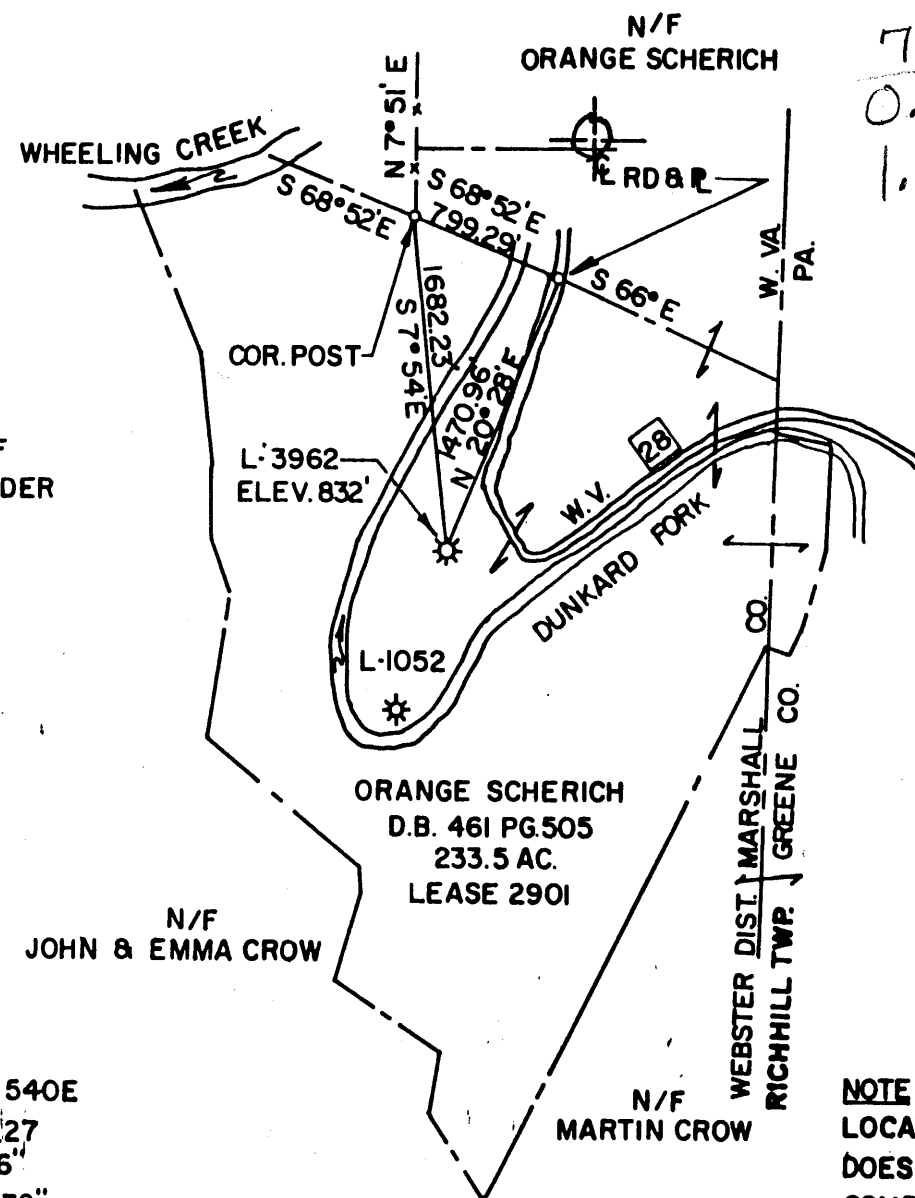


LATITUDE 40° 00' 00"

LONGITUDE 80° 30' 00"

NORTH



7.5'
0.825
1.37W

MAP 4420 N 540E
F.B.1730N PG.27
LAT 39° 59' 16"
LONG. 80° 31' 32"

NOTE: THIS MAP IS FOR WELL LOCATION PURPOSES ONLY & DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY.

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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1/2500'
PROVEN SOURCE OF ELEVATION PLUGGED WELL
L-4741 EL.829

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) *Charles Rufus Davidson*
R.P.E. _____ L.L.S. 819

STATE OF WEST VIRGINIA
OCT 30 1990
PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE MAY 25, 19 90
OPERATOR'S WELL NO. L-3962
API WELL NO.

47 - 051 - 178-P
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 832' WATERSHED DUNKARD FORK
DISTRICT WEBSTER COUNTY MARSHALL
QUADRANGLE MAJORSVILLE

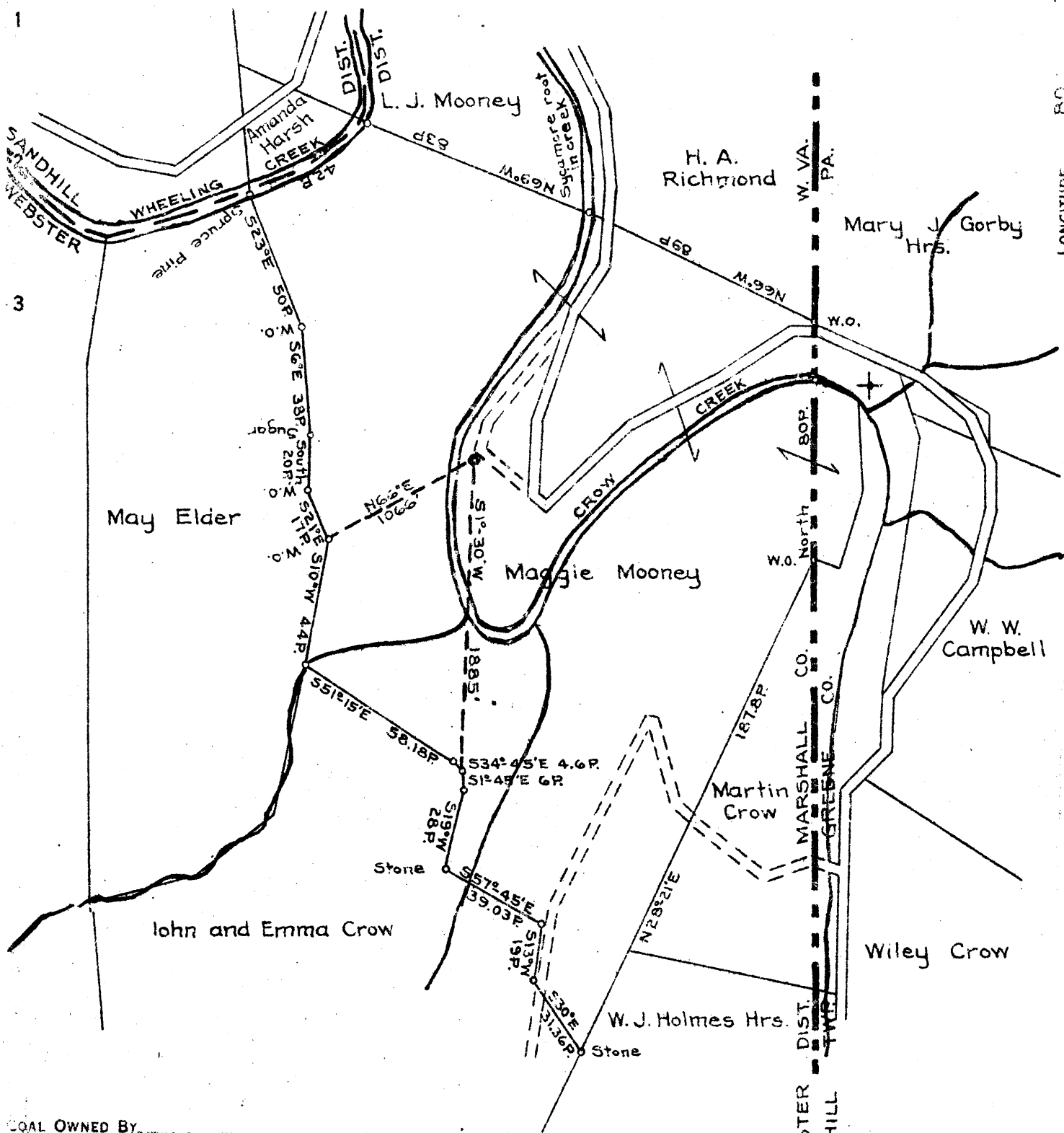
SURFACE OWNER ORANGE SCHERICH ACREAGE 233.5
OIL & GAS ROYALTY OWNER ORANGE SCHERICH LEASE ACREAGE 233.5
LEASE NO. L-2901

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 BIG INJUN ESTIMATED DEPTH 1500'
WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP. DESIGNATED AGENT R.A. SCHOFF
ADDRESS P.O. BOX 1273 CHARLESTON, W.V. 25325 ADDRESS P.O. BOX 498 WASHINGTON, PA 15317

OCT 30 1990

MARSHALL COUNTY NAME
178 PERMIT



COAL OWNED BY _____

NEW LOCATION

DRILL DEEPER

ABANDONMENT

COMPANY The Manufacturers Light and Heat Company
 ADDRESS 800 Union Trust Bldg. Pittsburgh Pa.
 FARM Maggie Mooney
 TRACT _____ ACRES 233 1/2 LEASE NO. 2901
 WELL (FARM) NO. 2 SERIAL NO. 3962
 ELEVATION (SPIRIT LEVEL) 945' (Bar)
 QUADRANGLE Cameron
 COUNTY Marshall DISTRICT Webster
 ENGINEER A. C. Streater
 ENGINEER'S REGISTRATION NO. 9442
 FILE NO. _____ DRAWING NO. Y-13-18
 DATE Mar. 9, 1948 SCALE 1" = 800'

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

WELL LOCATION MAP
 FILE NO. MARS-178

+ 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.

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Mars 178
Cameron Quad.
Company
Address
Farm
Location
Well No.
District
Commenced
Completed
Surface
Mineral
Volume
Rock Pressure
Water

The Manf. Light & Heat Co.

Maggie Mooney A 233

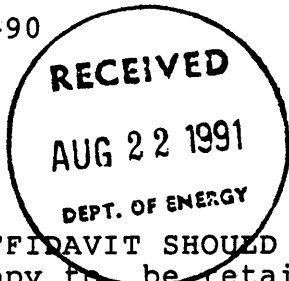
3962-2 Elev.
Webster Marshall County
May 3, 1948
June 14, 1948

1,025,585 Big Injun
228 lbs. 48
22° HW

Gas Well
CASING & TUBING

	13	45'6	Same
	10	296	296
	8½	759	759
	6 5/8	1386	1386
	4		1515
		Anchor Packer	
		6 5/8 x 4	
		1391	

Conductor	24	SLM 272'	
Clay	0	20	10,000 C.F. gas at 333
Gravel	20	28	Show of gas at 317'
Slate & Lime	28		Sand broken 1/2 blr. Water 995'
✓ Show of coal	165	170	Sand broken 1445 to 1455
Lime	170		Gas at 1458 to 1463 41/10 M in 2½" opng.
✓ Pittsburgh Coal	272	280	1,114,864 C.F.
Slate	280	294	Gas 1465-1466½ 22/10 M in 3" opng.
Lime	294	304	1,224,226 C.F.
Slate	304	330	Test after tubing was run 32/10 M in 2½"
Sand Shell	330	342	1,025,585 C.F. 4" tubing record (Thds.on)
Slate & Shells	342	359	Perf. 16' 3"
Red Rock	359	364	Perf. 22' 11"
Slate & Shells	364	374	Perf. 23' 1"
Lime H	374	400	Tubing 2 jts. 45' 4"
Slate & Shells	400	545	Total Anchor 107' 7"
Red Rock	545	557	6 5/8 x 4" Packer 3' 11"
Shells & Red Rock	557	590	111' 6"
Sand & Shells	590	625	Tubing 63 jts. 1407' 5"
Slate & Shells	625	668	Total 1518' 11"
Lime	668	723	Minute shut in test in 4" tubing
Slate	723	765	1 2 3 4 5 6 7 8 9
✓ Big Dunkard Sand	765	790	65 102 123 134 141 145 149 152 154
Slate	790	812	
✓ Sand	812	840	10 11 12 13½ 14 15 16 17 18
Slate & Lime	840	882	156 157 159 160 161 162 163 164 165
Sand	928	962	
Slate & Shells	962	1010	19 20 30 45 60
✓ Coal	1010	1015	165½ 166 171 177 181
Slate & Shells	1015	1160	
✓ Salt Sand	1160	1185	24 hr. Rock Max. Rock Pressure
Slate & Shells	1185	1248	205 228
Sand	1248	1351	
Break	1351	1375	
✓ Big Injun	1375		
Total Depth		1499½	



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION 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: SCHERICH, THOS., E, Operator Well No.: L 3962

LOCATION: Elevation: 832.00 Quadrangle: MAJORSVILLE
District: WEBSTER County: MARSHALL
Latitude: 4450 Feet South of 40 Deg. 0 Min. 0 Sec.
Longitude 7150 Feet West of 80 Deg. 30 Min. 0 Sec.

Well Type: OIL _____ GAS X

Company: COLUMBIA GAS TRANSMISSION CORP.
P.O. Box 498
WASHINGTON, PA. 15301

Coal Operator CONSOLIDATION COAL CO.
or Owner 450 RACE TRACK ROAD
WASHINGTON, PA. 15301

Agent: ROBERT C. WEIDNER
Inspector: DONALD ELLIS
Permit Issued: 10/22/90

Coal Operator HILLMAN COAL & COKE CO.
or Owner 40 WILMINGTON SECURITIES INC.
WILMINGTON TRUST CENTER - SUITE 100
RODNEY SQUARE NORTH
WILMINGTON, DELAWARE 19801

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MARSHALL ss:

RONALD A. SCHOFF and JEFFERY P. WIGMAN 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 COLUMBIA GAS TRANSMISSION CORP., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 14th day of JANUARY, 1991, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
4" BRIDGE PLUG CALSEAL (1 ^{5E})	-	1400'	687' OF 4 1/2" OD	46' OF 13 3/8" OD
CEMENT (40 ^{3E} OF 50/50 PZ MIX)	1400'	1385'	687' OF 7" OD	22' OF 10 3/4" OD
14 spg MUD	1385'	977'	419' OF 8 5/8" OD	340' OF 8 5/8" OD
8" BRIDGE PLUG CEMENT (160 ^{3E} OF CLASS A)	977'	605'	274' OF 10 3/4" OD	697' OF 7" OD
14 spg MUD	-	605'		811' OF 4 1/2" OD
CEMENT (160 ^{3E} OF CLASS A)	605'	250'		
14 spg MUD	250'	240'		
CEMENT (160 ^{3E} OF 25/75 PZ MIX + 6% CALSEAL)	240'	0'		

Description of monument: NONE - AREA TO BE SUBMERGED DUE TO NEW DAM SITE.

and that the work of plugging and filling said well was completed on the 15th day of MARCH, 1991.

And further deponents saith not.

Sworn and subscribe before me this 19 day of August, 1991
My commission expires: BEENE GAWRONSKI, Notary Public
South Strabeno Twp., Washington County
My Commission Expires Oct. 7, 1993

Ronald A. Schoff
Jeffery P. Wigman
Beene G. Gawronski
Notary Public
SEP 16 1991