

7425
LATITUDE 39° 50' 00"

LONGITUDE 80° 30' 00"
9050

*Janil
6/22/92*

NORTH

N/F
LEIGHLA HIERONDMUS

N/F
HARMEN & STELLA
BROWN

HARRY B. WOOD ET AL
D.B. 341, PG. 47
54.29 ACRES

N/F
LEIGHLA HIERONDMUS

N/F
KEITH A. McCRACKEN

WELL #1786
ELEV. = 1364'
LEASE #2268

FENCE
INTERSECTION

INTERSECTION OF
ROAD & E

N/F
KEITH A. McCRACKEN

INV. MAP 4448N, SHEET
F. B. 1749N, PG. 58
LAT. 39° 48' 31"
LONG. 80° 31' 35"

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

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

FILE NO. _____
DRAWING NO. 601786
SCALE 1" = 500'
MINIMUM DEGREE OF
ACCURACY 1'/2500'
PROVEN SOURCE OF
ELEVATION U.S.G.S
TRIANGULATION POINT 1534'

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF MINES
(SIGNED) James L. Browning
R.P.E. _____ L.L.S. 398

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE FEBRUARY 6, 1992
OPERATOR'S WELL NO. 601786
API WELL NO. 47-051-0584-P

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1364' WATER SHED HARTS RUN
DISTRICT LIBERTY COUNTY MARSHALL
QUADRANGLE CAMERON, WV

SURFACE OWNER HARRY B. WOOD ET AL ACREAGE 54.29
OIL & GAS ROYALTY OWNER KERMIT COURTRIGHT LEASE ACREAGE 54.29
LEASE NO. 2268

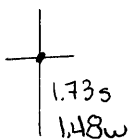
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) CONCEAL

PLUG AND ABANDON X CLEAN OUT AND REPLUG ___
TARGET FORMATION RIG IN LIN ESTIMATED DEPTH 3222'
WELL OPERATOR COLUMBIA NATURAL RESOURCES DESIGNATED AGENT Joseph E. Campbell
ADDRESS PO BOX 6070 ADDRESS P.O. BOX 6070
CHARLESTON, WV. 25362-0070 CHARLESTON, WV. 25362-0070

COUNTY NAME MAR
PERMIT 0584-P

FORM IV-6 (8-78)
H.T. HALL

Latitude



Longitude

Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company Manufact Lt & HT

Farm Sarah J Cartwright 1786

15' Quad _____
(sec.)

7.5' Quad Cameron

District Liberty

WELL LOCATION PLAT

County 051 **Permit** 70033

Now 051 584

6584

Liberty District, Marshall County, W. Va.
 By The Manufacturers Light & Heat Co.
 Commenced Sept. 24, 1914; completed, Nov. 11, 1914.
 No. 330...in Gas Report.

	Top.	Bottom.
Mapletown Coal (Sewickley)	906	- 910
Pittsburgh Coal	1010	- 1018
Murphy Sand	1214	- 1234
Little Dunkard Sand	1380	- 1390
Big Dunkard Sand	1425	- 1450
1st Salt Sand	1800	- 1840
2nd Salt Sand	1950	- 1990
Little Lime	2105	- 2120
Pencil Cave	2120	- 2125
Big Lime	2125	- 2175
Big Injun Sand	2175	- 2430
30-Ft. ? Sand	2802	- 2820
50-Ft. ? Sand	2985	- 3010
Gordon Sand	3045	- 3060
Fourth Sand	3119	- 3125
Total depth		3222

BRUCE COURTRIGHT NO. 1786 WELL.

Now

70033 → 584

Liberty District, Marshall County, W. Va.
By Manufacturers Light & Heat Co.
Completed Nov. 11, 1914.
Record from Mr. Schillhahn Sept. 30, 1939.

	Top.	Bottom.
Pittsburgh Coal	1010	- 1018
Murphy Sand	1214	- 1234
Little Dunkard Sand	1380	- 1390
Big Dunkard Sand	1425	- 1450
1st Salt Sand	1800	- 1840
2nd Salt Sand	1950	- 1990
Little Lime	2105	- 2120
Big Lime	2125	- 2175
Big Injun Sand (gas, 2195')	2175	- 2430
30-Foot? Sand	2802	- 2820
50-Foot Sand	2985	- 3010
Gordon Sand	3045	- 3060
Fourth Sand (gas, 3120')	3119	- 3125
Total depth		3222