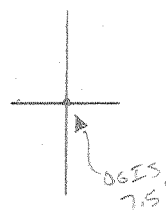


LATITUDE

(15') 38° 20'  
(7.5') 38° 17' 30"

(7.5' 15') 81° 30'

LONGITUDE



7.5 OGIS topo location

7.5' 10C	<u>.675</u>	15' 10C	<u>3.55s</u>
	<u>.61w</u>	(calc.)	<u>.61w</u>

Company United Fuel Gas

Farm Georges Brook Land Mining Co (4657)

Quad Charleston East 7.5 / Charleston 15' SE

County Kanawha

District Malden

WELL LOCATION MAP

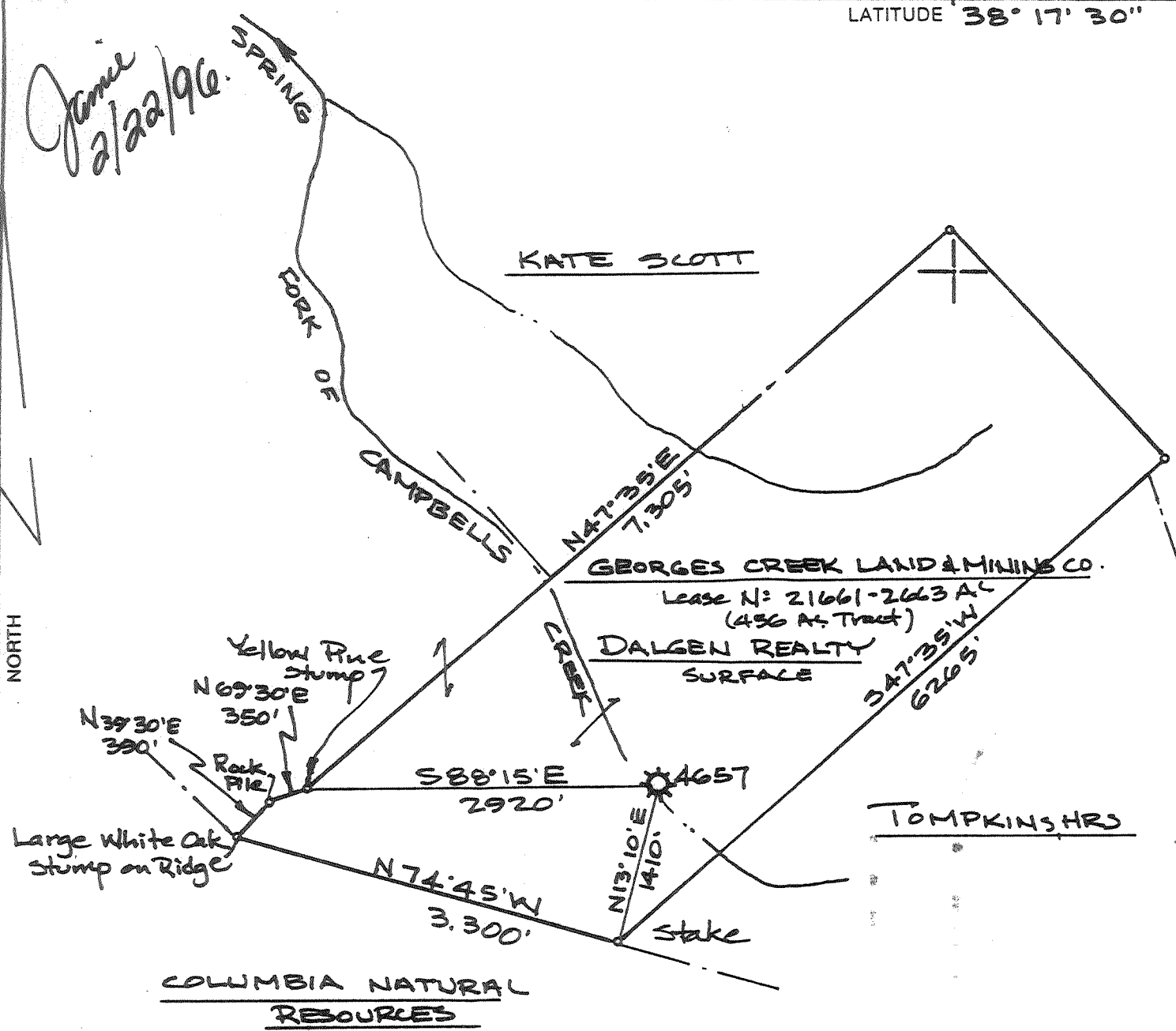
File No. 039-241  
Kanawha

DEEP WELL 6-6 Campbell Creek-Malden (214)

LATITUDE 38° 17' 30" 3,300'

LONGITUDE 81° 00' 30" 10,000'

James  
2/22/96



\*NOTE: PLAT COMPILED FROM U.S. GOVT TOPO SHEET AND EXISTING COMPANY RECORDS

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

FILE NO. 68-53  
 DRAWING NO. 4657  
 SCALE 1" = 1320'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION U.S. GOV'T U.E.

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) James S. Browning  
 R.P.E. \_\_\_\_\_ L.L.S. 398

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



DATE APRIL 27, 1995  
 OPERATOR'S WELL NO. 4657  
 API WELL NO. 47-039-00241-P  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 934.68' WATER SHED SPRING FORK OF CAMPBELLS CRK  
 DISTRICT MALDEN COUNTY KANAWHA  
 QUADRANGLE CHARLESTON EAST  
 SURFACE OWNER DALGEN REALTY CO. ACREAGE 2663  
 OIL & GAS ROYALTY OWNER GEORGES CRK. L. & M. CO. LEASE ACREAGE 2663  
 LEASE NO. 21661  
 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   
 TARGET FORMATION ORISKANY ESTIMATED DEPTH 4824'  
 WELL OPERATOR COLUMBIA NATURAL RES. INC. DESIGNATED AGENT J. E. CAMPBELL  
 ADDRESS P.O. Box 6070 ADDRESS SAME  
CHARLESTON, WV - 25362

FEB 28 1996

FORM WW-6

COUNTY NAME PERMIT

GEORGES CREEK LAND & MINING CO. NO. 4 (4657) WELL.

KAN - 241

Malden District, Kanawha County, W. Va.  
By United Fuel Gas Co., Charleston, W. Va.  
On Spring Fork.

Map Square 68-53.

Commenced June 8, 1936; completed, Sept. 22, 1936.

Elevation, 940.26' L.

Conductor, 16"; 13" casing, 30"; 10", 293'; 8", 1480'; 6", 4747'.

Contractor: Drilling Department.

Drillers: Geo. Bowens, Boyd Dodson.

Water, 800'.

Gas, 1918-1920'.

Gas, 4821-4826', 110/10 W. in 2" (497 M.); gas, 4826-4829', 90/10 W. in 3" (1017 M.)

Test after shut down at 6:00 p. m., 9-20-36 to 6:00 p. m. 9-21-36, 50/10 W. in 3" (768 M.)

Test, 4831-4833', 60/10 W. in 3" (830 M.)

Test, 4833-4834', 80/10 W. in 3" (958 M.)

Test, 4837', 60/10 W. in 3" (830 M.)

Test before shot, 60/10 W. in 3" (830 M.)

Shot Sept. 23, 1936, with 30 qts., at 4824-4836'; open shot.

Test 15 min. after shot, 48/10 Here. in 3" (2883 M.)

Test 6 hrs. after shot, 2,502 M.

12-hr. rock pressure, 1240 lbs.

Gas well. Record to RCT from J. L. Steward, United Fuel Gas Co., April 21, 1943.

3.4 S 38° 20'  
0.65 W 81° 30'

Del XV F  
low 1918-1920  
alt water 800'  
w 4821-4826  
4831-4834

	Top.	Bottom.
Surface	0	30
Sand	30	50
Slate and shells	50	93
Coal	93	95
Slate and shells	93	115
Coal	115	121
Sand	121	152
Slate and shells	152	180
Sand	180	210
Slate and shells	210	230
Coal	230	232
Slate	232	245
Sand	245	275
Lime	275	300
Slate and shells	300	375
Sand	375	455
Slate and shells	455	520
Lime	520	540
Sand	540	640
Slate	640	650
Salt Sand	650	910
Black slate	910	935
Gritty lime	935	1071
Red rock	1071	1073
Blue slate	1073	1100
Red rock	1100	1105
Lime	1105	1135
Red rock	1135	1147
Marion Sand	1147	1230

(OVER)

	Top.	Bottom.
Little Line	1230	- 1253
Slate	1253	- 1265
Lime shells	1265	- 1275
Pencil Cave	1275	- 1280
Big Line	1280	- 1460
Big Injun Sand, red	1460	- 1520
Slate and shells	1520	- 1900
Berea Sand	1900	- 1925
Slate and shells	1925	- 4360
Brown shale	4360	- 4635
White slate	4635	- 4645
Brown shale	4645	- 4665
Black slate	4665	- 4725
Corniferous Lime	4725	- 4823
Oriskany Sand	4823	- 4836
Sandy line	4836	- 4837
Total depth (Halliburton)		4837

NOTE: Total depth (sand line) 4643

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
SECTION 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: GEORGES CK. INVESTMENTS Operator Well No.:4657

LOCATION: Elevation: 934.68 Quadrangle: CHARLESTON EAST  
District: MALDEN County: KANAWHA  
Latitude: 3600 Feet South of 38 Deg. 17 Min. 30 Sec.  
Longitude 3300 Feet West of 81 Deg. 30 Min. 0 Sec.

Well Type: OIL \_\_\_\_\_ GAS X

Company: CNR  
P.O.Box 6070  
Charleston, WV 25362

Coal Operator  
or Owner \_\_\_\_\_  
Coal Operator  
or Owner \_\_\_\_\_  
Office of Oil & Gas

Agent: J. A. Watson, Jr.

Permit Issued: 02/20/96

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Kanawha ss:

Charles White and Brian Bostic 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 the above named well operator, and participated in the work of plugging and filling the above well, and Carlos Hively Oil and Gas Inspector representing the Director, say that said work was commenced on the 18th day of Oct., 1996 and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	4914	4686	Shot 7" @	
Gel	4686	1653	2015 & 1983	
Cement	1653	1453	1653' 7"	3111'
Gel	1453	450		
Cement	450	283	438' 8"	1038'
Gel	283	258	Free Point 8" @	406'
Cement	258	188		293' 10"
Gel	188	150	No free Point on 10"	
Cement	150	0		

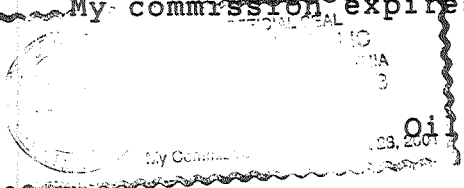
Description of monument: 7" Casing with API # Attached  
and that the work of plugging and filling said well was completed on the 30th day of Oct., 1996.

And further deponents saith not.

Sworn and subscribe before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_  
My commission expires: Oct. 28, 2001

Charles E. White  
Brian Bostic  
Mary Holcomb  
Notary Public

Oil and Gas Inspector: Carlos W. Hively



RECEIVED  
Environmental Protection  
JAN 08 1997  
Permitting  
Office of Oil & Gas

1/19/96

JAN 23 1997