

LONGITUDE 81° 20' 52.18

6200

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1' / 200'
 PROVEN SOURCE OF ELEVATION #1 WELL (923.6')

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) _____
 R.P.E. _____ L.L.S. _____

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE _____, 19____
 OPERATOR'S WELL NO. United Fuel Gas #2
 API WELL NO. _____

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL X
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 987.7' WATERSHED SAND RUN
 DISTRICT Big Sandy COUNTY KANAWHA

QUADRANGLE CLENDENIN

SURFACE OWNER UNITED FUEL GAS CO. ACREAGE 412 ac.
 OIL & GAS ROYALTY OWNER UNITED FUEL GAS CO. LEASE ACREAGE 412 ac.
 LEASE NO. _____

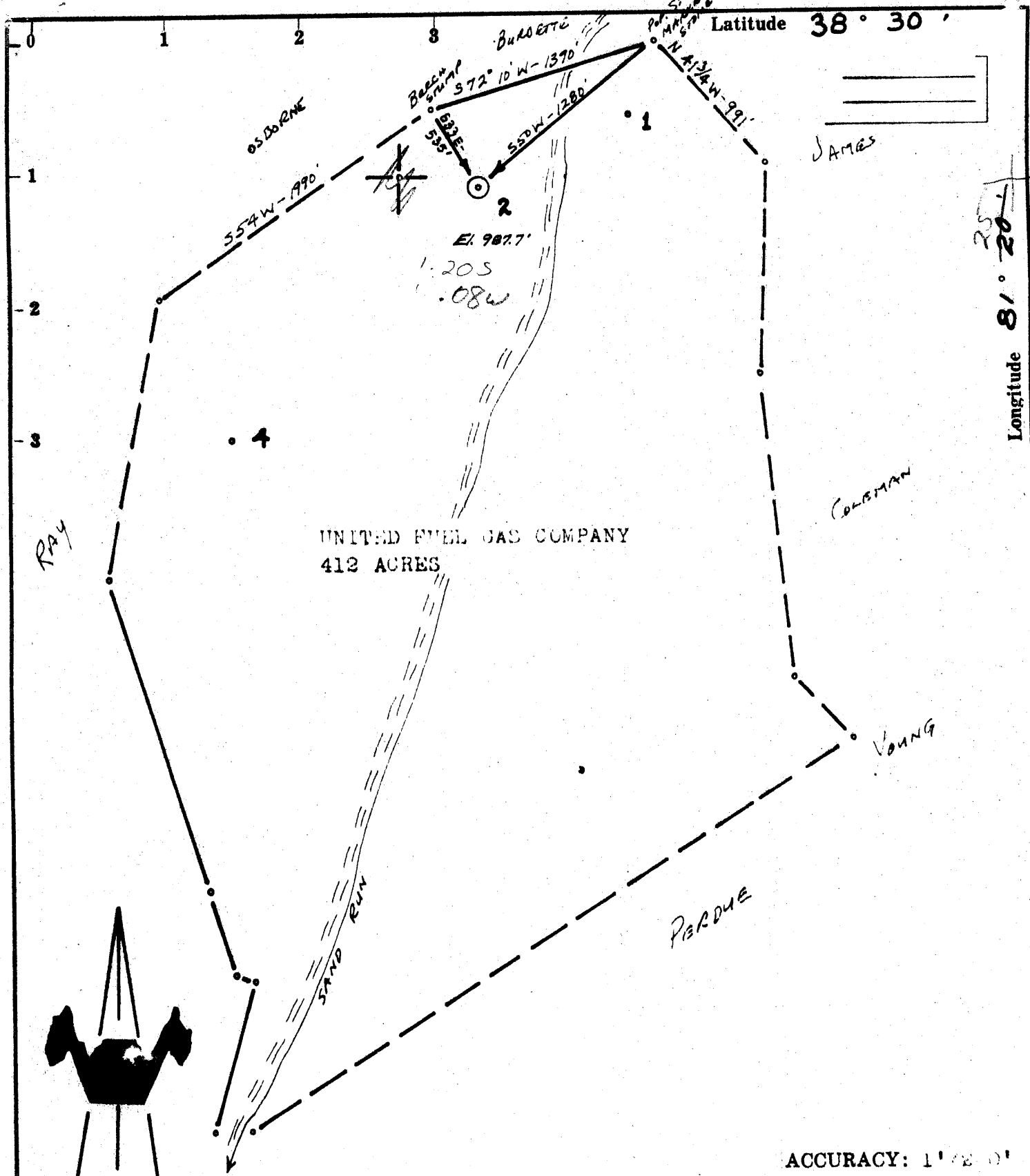
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Big Injun ESTIMATED DEPTH 2071'
 WELL OPERATOR QUAKER STATE CORPORATION DESIGNATED AGENT FRANK ROTUNDA
 ADDRESS P.O. Box 189 BELPRE, OH 45714 ADDRESS P.O. Box 823 PARKERSBURG, WV 26102

APR 20 1992

H.T. HALL 98673 FORM WW-6

COUNTY NAME PERMIT



Latitude 38° 30'

Longitude 81° 20'

UNITED FUEL GAS COMPANY
412 ACRES

Source of Elevation Well #1 (923.8')

ACCURACY: 1' ± 0'

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Chet Waterman

Company	JOSEPH S. GRUSS		
Address	SPENCER, W. VA.		
Farm	UNITED FUEL GAS CO.		
Tract	Acres	412	Lease No.
Well (Farm) No.	2	Serial No.	
Elevation (Spirit Level)	987.7'		
Quadrangle	GLENDENIN Nc		
County	LANAWHA	District	BIG SANDY
Engineer	CHET WATERMAN		
Engineer's Registration No.	3788		
File No.	67003-70	Drawing No.	
Date	5/30/87	Scale	1" = 300'

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

WELL LOCATION MAP
FILE NO. KAN - 2129

+ 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.

Charleston



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Clendenin

WELL RECORD

Permit No. Kaw-2129

Oil or Gas Well Oil
(KIND)

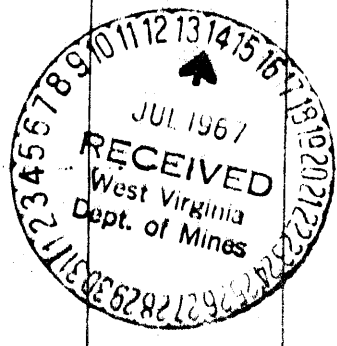
Company Joseph S. Gruss
Address P. O. Box 471 Spencer, W. Va.
Farm United Fuel Acres 412
Location (waters) Sand Run
Well No. 2 Elev 987.761
District Elk County Kanawha
The surface of tract is owned in fee by O. R. Gaudes
Address Clendenin, W. Va.
Mineral rights are owned by United Fuel
Address Charleston, W. Va.
Drilling commenced 6-7-67
Drilling completed 6-12-67
Date Shot - From - To -
With -
Open Flow /10ths Water in - Inch
/10ths Merc. in /- Inch
Volume - Cu. Ft.
Rock Pressure - lbs. - hrs.
Oil Shaw bbls., 1st 24 hrs.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			Depth set
8 1/4	167	167	
6 3/4			
5 3/16			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

WELL ACIDIZED (DETAILS) -
WELL FRACTURED (DETAILS) 30,000# 20/40 Sand & 30,000 Gallons Gelled fresh water
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 24 BOPD
ROCK PRESSURE AFTER TREATMENT * HOURS -
Fresh Water - Foot - Salt Water - Foot -
Producing Sand Big Injun Depth -

Attach copy of cementing record.
CASING CEMENTED 4 1/2 SIZE 2073 No. Ft. 6-12-67 Date
Amount of cement used (bags) 125
Name of Service Co. Howco
COAL WAS ENCOUNTERED AT - FEET - INCHES
- FEET - INCHES FEET - INCHES
- FEET - INCHES FEET - INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Rock			0	52			
Shale			52	172			
Shale & Rock			172	440			
Sand & Shale			440	665			
Sand & Shale			665	930			
Sandy Shale			930	1125			
Sand			1125	1153			
Salt Sand			1153	1725			
Pencil Cave Shale			1772	1777			
Lime			1777	1927			
Big Injun Sand			1927	1973			
Shale			1973	2071	(T. D.)		



JUN 04 92

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

WV Division of
Environmental Protection

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: 1-79 PROPERTIES Operator Well No.: UNITED FUEL #2

LOCATION: Elevation: 987.70 Quadrangle: BLUE CREEK
District: BIG SANDY County: KANAWHA
Latitude: 6200 Feet South of 38 Deg. 30 Min. 0 Sec.
Longitude 200 Feet West of 81 Deg. 25 Min. 0 Sec.

Well Type: OIL _____ GAS _____ X WASTE DISPOSAL

Company: Quaker State Corporation Coal Operator _____ N/A
P. O. Box 189 or Owner _____
Belpre, OH 45714

Agent: Frank Rotunda Coal Operator _____ N/A
or Owner _____

Permit Issued: 04/14/92

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Kanawha ss:

Timothy S. Knobloch and George Cumberledge 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 30th day of April, 1992, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
GEL	2073'	1950'		
CMT (15SX)	1950'	1750'		
GEL	1750'	962'		
CMT (70SX)	962'	762'	962' - 0 (4 1/2")	962'-2073' (4 1/2")
GEL	762'	254'		
CMT (85 SX)	254'	0		

Description of monument: 6 5/8" CSG (4' Above Ground) 47-039-2129P 5/1/92
and that the work of plugging and filling said well was completed on the 1st day of May, 1992.

And further deponents saith not.

Sworn and subscribe before me this 3rd day of June, 1992
My commission expires: March 14, 1995

Dolores L. Branch
Notary Public, State of Ohio
My Commission Expires March 14, 1995

Notary Public JUN 16 1992

Oil and Gas Inspector: Carlos Hively