

4,715'

LATITUDE 38° 25' 00"

STATE PLANE NAD 27 (SOUTH ZONE)
LONGITUDE 81° 27' 30"
4,545'

WELL 7097
(47-039-01259)

WELL 7054
(47-039-01280)

LARRY MICHAEL & STEPHANIE LILLY
D.B. 2464, PG. 38
0.752 ACRE
TAX MAP 38, PAR 72.24

WELL 7098
(47-039-01248)

WELL 7228
(47-039-01623)

N 30°30'01" E
217.42'

N 36°56'03" E
212.55'

REBAR
(FOUND)

3/4" I.P.
(FOUND)

S 35°37'39" E
71.15'

N 89°07'53" W
89.88'

S 69°09'52" E
72.02'

S 62°18'57" E
72.27'

S 18°30'44" W
1100.71'

WELL 7075
(47-039-01258)

FLATWOOD

RUN

86
89

LEGEND

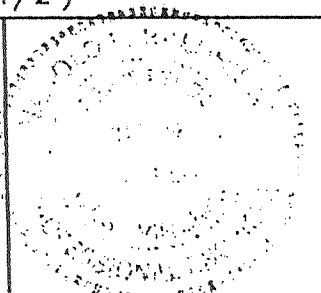
- EXISTING WELL
- IRON PIPE FOUND

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

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS (7 1/2')

FILE NO. _____
 DRAWING NO. 7228
 SCALE 1" = 400
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION G.P.S.

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) [Signature]
 R.P.E. 12794 L.L.S. 1605



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION



DATE: APRIL 24, 2001
 OPERATOR'S WELL NO. 7228
 API WELL NO.

SECTION OF OIL & GAS
 WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 797.65 WATER SHED FLATWOOD RUN
 DISTRICT ELK COUNTY KANAWHA

QUADRANGLE BLUE CREEK, W. VA. COORDINATES LAT: 38° 24' 15.1" LONG: 81° 28' 29.2"
 SURFACE OWNER LARRY MICHAEL & STEPHANIE LILLY ACREAGE 0.752

ORIGINAL OIL & GAS ROYALTY OWNER MATT AMOS, ET. AL. LEASE ACREAGE 851.5
 COAL OWNER LARRY MICHAEL & STEPHANIE LILLY LEASE NO. 49098

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

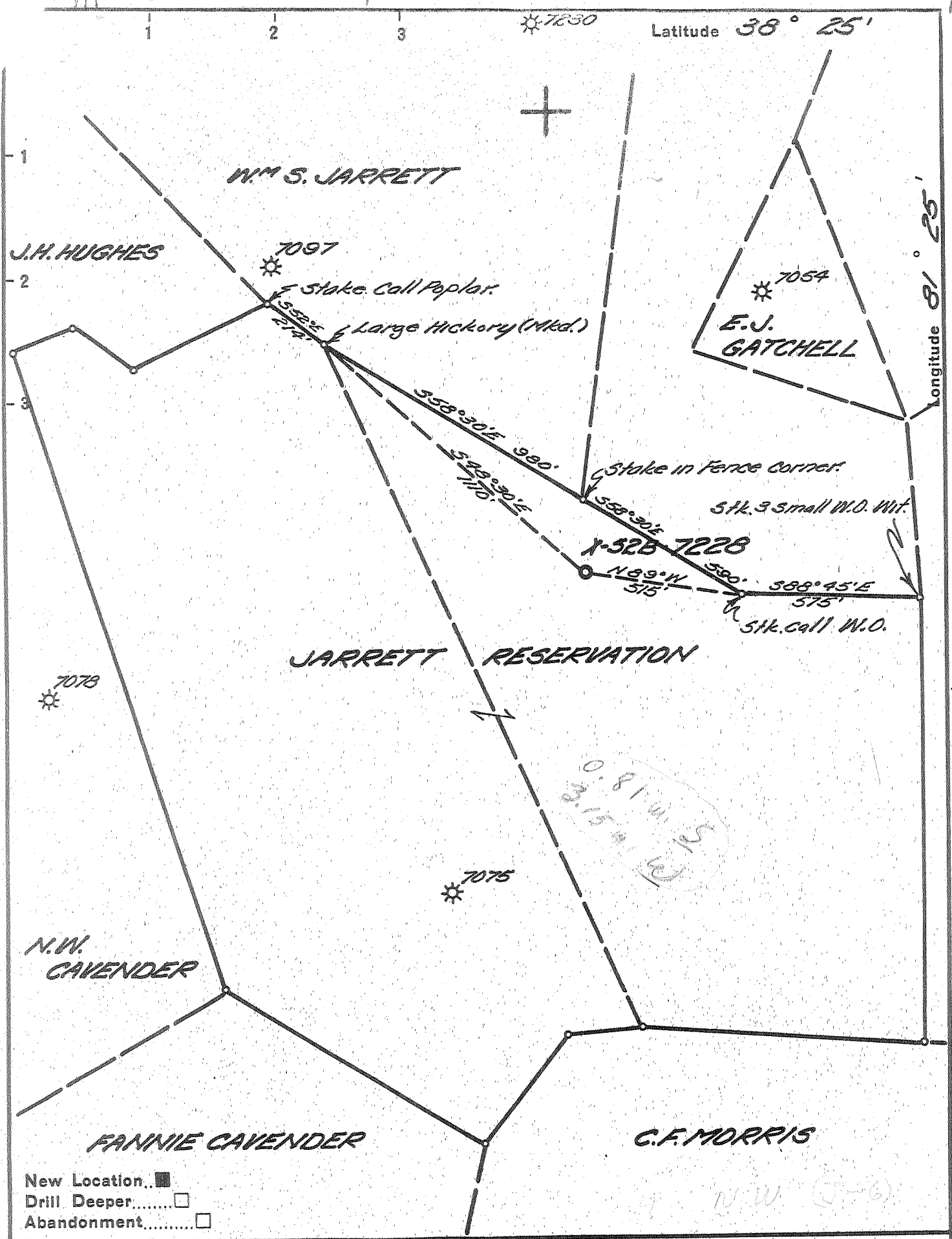
PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP. DESIGNATED AGENT PAUL AMICK

ADDRESS PO BOX 1273, CHARLESTON, WV ADDRESS PO BOX 1273, CHARLESTON, WV
25325-1273 25325-1273

AUG 03 2001

KANAWHA COUNTY NAME PERMIT 01623 F



New Location..
 Drill Deeper.....
 Abandonment.....

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm JARRETT RESERVATION
 Tract _____ Acres 851.5 DEED 49098
 Well (Farm) No. _____ Serial No. 7228
 Elevation (Spirit Level) 787.84'
 Quadrangle CLENDENIN - WC
 County KANAWHA District ELK
 Engineer Seybert R. Sturcell
 Engineer's Registration No. 2529
 File No. 70-63 Drawing No. _____
 Date 7-10-53 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. KAN-1623

+ 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.

6-6-215

Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 5

Quadrangle Clendenin
Permit No. KAN-1623

WELL RECORD

Oil or Gas Well Gas
(KIND)

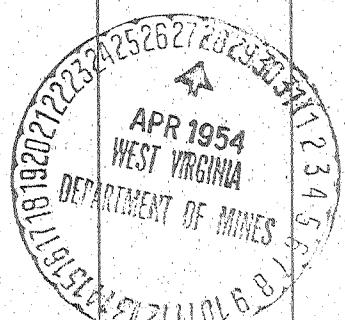
Company UNITED FUEL GAS CO.
Address P.O. Box 1273, Charleston 25, W. Va.
Farm Jarrett Reservation Acres 851.5¹
Location (waters) Flatwood Run
Well No. X-52B-7228 Elev. 787.84¹
District Elk County Kanawha
The surface of tract is owned in fee by Geo. Acree
Address _____
Mineral rights are owned by United Fuel Gas Co.
Address Charleston, W. Va.
Drilling commenced 9-17-53
Drilling completed -2-16-54
Date Shot 2-23-54 From 5113 To 5123
With 23 qts.
Open Flow 22/10ths Water in 7 Inch
/10ths Merc. in _____ Inch
Volume 2,002,000 Cu. Ft.
Rock Pressure 850 lbs. 24 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 640 feet 1676 feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18 -3/8"		305'	
10 -3/4"		1500'	Size of
2 7"		2007'	
2 5 1/2"		5022'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 111 FEET 48 INCHES
640 FEET 24 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	18			
Slate & Shells			18	42			
Sand			42	80			
Slate & Shells			80	111			
Coal			111	115 ✓			
Slate			115	190			
Sand			190	230			
Slate & Shells			230	314			
Sand			314	329			
Slate & Shells			329	354			Hole full water 640'
Sand			354	388			
Slate & Shells			388	430			Water 1676' 1/2 bailer per hr.
Sand			430	470			
Slate & Shells			470	508			Show oil & Gas 1880'
Sand			508	547			
Slate & Shells			547	591			Gas 5116-5121' 8/10 W 7" 23# 1,207 M
Sand			591	640			
Coal			640	642 ✓			
Sand			642	678			Test before shot 8/10 W 7" 23# 1,207 M
Slate			678	690			Shot 2-23-54 with 23 qts. from 5113-5123'
Lime			690	725			Test 1 hr. after shot 22/10 W 7" 23#
Sand			725	771			2,002 M
Lime			771	818			
Salt Sand			818	848			
Slate			848	857			
Sand			857	1060			FINAL OPEN FLOW - 2,002 M - Oriskany
Slate & Shells			1060	1083			24 Hr. R.P. 850#
Salt Sand			1083	1340			
Slate			1340	1349			
Red Rock			1349	1353			
Lime			1353	1427			
Maxon Sand			1427	1466			
Slate			1466	1470			
Lime			1470	1500			
Slate			1500	1510			
Lime			1510	1522			
Slate			1522	1525			
Big Lime			1525	1698			
Slate			1698	1714			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			1714	1770			
Injun Sand			1770	1780			
Slate & Shells			1780	1870			
Weir Sand			1870	1936			
Slate			1936	1994			
Lime			1994	2070			
Slate & Shells			2070	3712			
Brown Shale			3712	3730			
Slate & Shells			3730	3840			
Brown Shale			3840	3970			
Slate & Shells			3970	4535			
Brown Shale			4535	4861			
Slate			4861	4915			
Brown Shale			4915	4987			
Corniferous			4987	5096			
Oriskany			5096	5139½			
Total depth			5139½ SLM				

Date April 27, 19 54

APPROVED _____ UNITED FUEL GAS CO. _____ Owner