

**LEGEND**

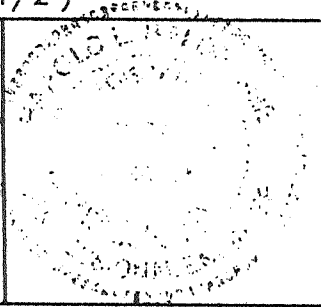
- EXISTING WELL
- IRON PIPE FOUND

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. 7281  
 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  
 SECTION OF OIL & GAS

DATE: APRIL 24 2001  
 OPERATOR'S WELL NO. 7281  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 975.62 WATER SHED STUMP HOLLOW  
 DISTRICT ELK COUNTY KANAWHA

QUADRANGLE KETTLE W. VA. COORDINATES LAT: 38° 30' 42.1" LONG: 81° 28' 49.4"

SURFACE OWNER WILLIAM W. STUMP & DELCIE P. STUMP ACREAGE 137  
 ORIGINAL OIL & GAS ROYALTY OWNER DELLA F. PATTERSON ET. AL. LEASE ACREAGE 137  
 COAL OWNER PEGGY S. WHITT, ET. AL. LEASE NO. 00826

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

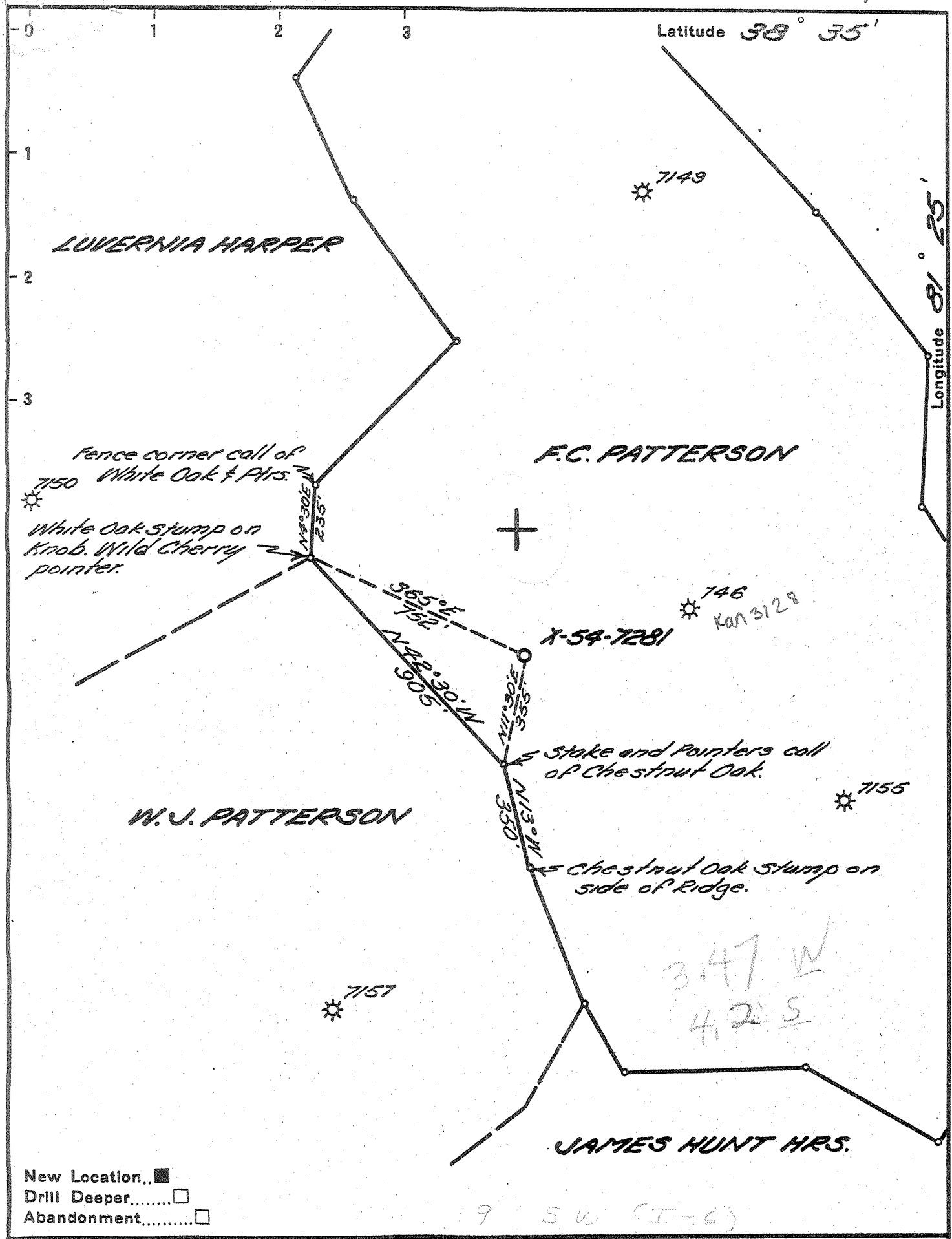
PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_

WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP DESIGNATED AGENT PAUL AMICK  
 ADDRESS PO BOX 1273, CHARLESTON, WV 25325-1273 ADDRESS PO BOX 1273, CHARLESTON, WV 25325-1273

COUNTY NAME KANAWHA  
 PERMIT 01617

JUN - 1 2001

P



Company UNITED FUEL GAS CO.  
 Address CHARLESTON, W.VA.  
 Farm F.C. PATTERSON  
 Tract \_\_\_\_\_ Acres 137 Lease No. 826  
 Well (Farm) No. \_\_\_\_\_ Serial No. 7281  
 Elevation (Spirit Level) 974.64'  
 Quadrangle WALTON - SW  
 County KANAWHA District ELK  
 Engineer Seybert R. Jewell  
 Engineer's Registration No. 2529  
 File No. 70-71 Drawing No. \_\_\_\_\_  
 Date 6-25-53 Scale 1" = 400'

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

**WELL LOCATION MAP**  
 FILE NO. KAN-1617

+ 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.

6-6-192 Deep Well





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Walton

WELL RECORD

Permit No. KAN-1617

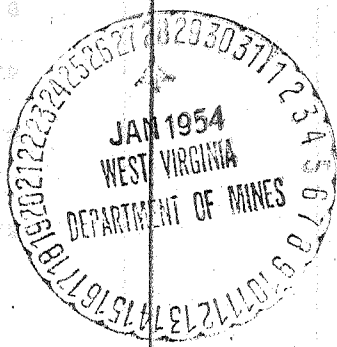
Oil or Gas Well Gas  
(KIND)

Company UNITED FUEL GAS COMPANY  
Address P.O. Box 1273, Charleston 25, W. Va.  
Farm F. C. Patterson Acres 137  
Location (waters) Poca Fork of Little Sandy  
Well No. X-54-7281 Elev. 974.64  
District Elk County Kanawha  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Della Patterson, Agt.  
Address Frame, W. Va.  
Drilling commenced 9-8-53  
Drilling completed 12-30-53  
Date Shot Not shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow 10ths Water in \_\_\_\_\_ Inch  
9/10ths Merc. in 7" Inch  
Volume 4,777,000 Cu. Ft.  
Rock Pressure 1100 lbs. 24 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 1293' feet 1322' feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18		20'	
10	561'		Size of
8 5/8"		1793'	
6 3/4"			Depth set
5 3/8"		5257'	
3			Perf. top
2		5346'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT			
		FEET	INCHES
		FEET	INCHES
		FEET	INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	15			
Sand			15	80			
Slate			80	100			
Red Rock			100	150			
Slate			150	160			
Red Rock			160	180			
Slate			180	188			
Red Rock			188	220			
Slate			220	226			
Red Rock			226	270			
Slate			270	325	Show gas 1275'		
Red Rock			325	365	Show oil 1285'		
Slate & Shells			365	375			
Sand			375	382	Water 1293'		
Slate			382	403			
Sand			403	445	Hole full water 1322'		
Slate & Shells			445	482			
Sand			482	545	Show gas 1805'		
Slate			545	555			
Lime			555	565	Gas 1895'		
Sand			565	682			
Slate & Shells			682	741	Gas 5334-5344' 14/10 Merc. 7" 22#		
Sand			741	763	5,955 M blew down to 9/10 Merc. 7" 22# 4,777 M		
Slate			763	828			
Sand			828	842			
Slate			842	865	Not shot		
Sand			865	885			
Slate			885	965			
Sand			965	995	FINAL OPEN FLOW - 4,777 M - Oriskany		
Slate			995	1088	24 Hr. R.P. 1100#		
Sand			1088	1105			
Slate			1105	1130			
Sand			1130	1172	Shut in 12-30-53 in 2" Tubing.		
Slate			1172	1205			
Sand			1205	1727			
Little Lime			1727	1745			
Pencil Cave			1745	1750			
Big Lime			1750	1890			
Injun Sand			1890	1950			



1890  
975  
-915

Formation	Color	Hard or Soft	Top <sup>2</sup>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Weir Shells			1950	1960			
Weir Sand			1960	2050			
Slate & Shells			2050	2310			
Brown Shale			2310	2330			
Berea Sand			2330	2350			
Slate & Shells			2350	2500			
Gritty Lime			2500	2850			
Slate & Shells			2850	2550			
Brown Shale			2550	2625			
Slate & Shells			2625	3820			
Brown Shale			3820	4175			
White Shale			4175	4325			
Slate & Shells			4325	4736			
Brown Shale			4736	5070			
White Shale			5070	5125			
Brown Shale			5125	5198			
Corniferous Lime			5198	5328			
Oriskany Sand			5328	5346			
Total depth			5346'				

Date January 27, \_\_\_\_\_, 1954

APPROVED UNITED FUEL GAS COMPANY, Owner

By J. R. [Signature]  
(Title)