

P

Lat 40 32 35

6437

W.J. PATTERSON

Stake on R. 6

Chestnut Oak on Ridge

White Oak Stamp on Ridge

6488

Black Oak by Large Rock

C.E. HALSTEAD

P.E. MCLIGHEE

6426

0625 75' Loc 15'

5.15
4.26 W

New Location
Drift Deeper
Abandonment

33°32'30" 2.07S 4.95S
81°27'30" 1.88W 4.13W

9 SW (I-6)

Company UNITED FUEL GAS CO.
 Address CHARLESTON, W. VA.
 Farm C.E. HALSTEAD
 Tract _____ Acres 25 Lease No. 47299
 Well (Farm) No. 2 Serial No. 6488
 Elevation (Spirit Level) MERI
 Quadrangle WALTON - SW
 County KANAWHA District 11E
 Engineer W. J. MARR
 Engineer's Registration No. 55E
 File No. 6869 Drawing No. _____
 Date 1-5-29 Scale 1" = 400'

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

WELL LOCATION MAP
FILE NO. KAN 1498

○ 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.

Deep Well

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Kan 1498
Walton Quad.
Company
Farm
Location
Well No.
District
Surface
Mineral

Gas Well
CASING & TUBING

United Fuel Gas Co.
C.E. Halstead Acres 46 10 $\frac{1}{2}$ 445 445
Ruffner Fork of Little Sandy Cr. 8 5/8 1690 1690
6488 Elev. 915.21 7 5097 5097
Elk Kanawha County

Commenced
Completed
Date shot

Clayton E. Halstead, et al
Frame, W. Va.
1-27-49
5-16-49
5-17-49 Depth 5222 to 5264

Open flow
Volume
Rock Pressure
Fresh Water
Salt Water

with 400# gel.
6/10ths W in 7"
1,057 M. Oriskany
900 lbs. 48 hrs.
470°
1191' show

Soil	0	10	✓ Corniferous Lime	5077	5222
Clay	10	35	✓ Oriskany Sand	5222	5263
Red Rock	35	50	✓ Black Lime	5263	5274
Mud	50	60	✓ Sand	5274	5293
Red Rock	60	65	✓ Lime	5293	5297
Slate	65	90	Total Depth		5297
Red Rock	90	115	Gas 1190' show		
Slate & Mud	115	157	B. Lime Gas 1750-1755 show		
Blue Sand	157	169	Gas 5230-5237 100/10 W 2" 421 M		
Slate	169	176	Test before shot 72/10 W 2" 358 M		
Red Rock	176	195	Shot 5-17-49 with 400# gel. 5222-5264		
Blue Mud	195	250	Test 1 hr. after shot 6/10 W 7" 22#		
Red Rock	250	272	1,057 M		
Blue Slate	272	295	Open flow 1,057 M Oriskany		
Sand	295	365	48 hr. R.P. 900#		
Blue Slate	365	410	Shut in 6-1-49 in 2" tubing		
Sand	410	427			
Slate	427	441			
Lime	441	455			
Slate	455	465			
Sandy Lime	465	526			
Slate	526	535			
Sand	535	560			
Slate	560	578			
Sand	578	615			
Slate	615	712			
Sand	712	770			
Slate	770	773			
Sandy Lime	773	825			
Slate & Shells	825	885			
Sand	885	1011			
Slate	1011	1030			
Sand	1030	1050			
Slate	1050	1068			
Lime	1068	1125			
Sand	1125	1135			
Slate	1135	1150			
✓ Salt Sand	1150	1195			
Slate	1195	1210			
✓ Salt Sand	1210	1640			
✓ Black Lime - L. Lime	1640	1665			
✓ Pencil Cave	1665	1686			
✓ Big Lime	1686	1810			
✓ Injun Sand	1810	1908			
Black Lime	1908	1920			
Slate & Shells	1920	3950			
Brown Shale	3950	4165			
Slate & Shells	4165	4763			
✓ Brown Shale	4765	5000			
White Slate	5000	5040			
✓ Black Shale	5040	5077			

5077 5222 5293
915 915 915

4162 4307 4378