



8774  
2725  
5499

75' loc  
2135 38°05'  
0.57W 80°22'30"  
U.S. 2/10/2010  
Calc 15' loc  
2.135  
2.84W

- Fracture Before 6/5/27
- New Location
- Drill Deeper
- Redrill
- Abandonment

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 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.  
The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.  
PROVEN ELEVATION 2775.3

Company UNION OIL CO. OF CALIFORNIA  
 Address P.O. Box 311, OLNEY, ILLINOIS  
 Farm G.L. WALTON  
 Tract \_\_\_\_\_ Acres 36.37 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. 1  
 Elevation (Spirit Level) 2,775.3  
 Quadrangle LOBELIA - SC / Trout 7.5' quad  
 County GREENBRIER District FALL SPGS.  
 Engineer Tom W. Hand  
 Engineer's Registration No. 2168  
 File No. \_\_\_\_\_ Drawing No. U.O. 2  
 Date 10-28-66 Scale 1" = 400'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON  
 WELL LOCATION MAP  
 FILE NO. Green-17

+ 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 NEW

A flow of gas at a rate estimated to be between 20 and 25 million cu ft per day from untreated Newburg was logged at the Walter Duncan 1 Pugh, Union district, Charleston quadrangle, Kanawha County, West Virginia. Duncan continues testing at the well, which is in an unnamed Newburg field about five miles north of the city of Charleston. The 1 Pugh bottomed at 5545 ft in Newburg, picked at 5538 ft from driller's log. The operator was originally reported as Ira VanTuyll.

**WEST VIRGINIA WILDCAT FAILURE DRILLED TO ORDOVICIAN**

The Union Oil of California 1 Walton... a Greenbrier County, West Virginia wildcat abandoned last April... bottomed at 9509 ft in Ordovician. The unsuccessful well is in Falling Springs district, Lobelia quadrangle. Gas, at the rate of 24,800 cu ft per day, flowed from 8719 ft in Tuscarora (Silurian). Slight shows of gas were found at 6073 ft, 6130 and 6693 ft in Devonian shale, at 6909 and 6968 ft in Onondaga (Devonian), at 7698 ft in Salina (Silurian), and at 8662 ft in Tuscarora. Water was recovered from 8722-25 ft in Tuscarora. Log tops include Devonian shale at 1710 ft, Onondaga at 6858, Oriskany at 6999, Salina at 7600, Tuscarora at 8594, Juniata (Ordovician) at 8774, Oswego at 9315 and Martinsburg at 9419 ft. The remote wildcat is 20 miles north of the town of Lewisburg, in the Ellis Chapel area.

Green  
17

ENSON

ULL CREEK 38.15 81.35 WOD  
0 5 23600 W PEYTONA  
KANAWHA FOREST

OTD 4709  
PROJ DEPTH NEWBURG AC 4000  
TOOLS CT  
NY PRODUCER  
95  
L CREEK COAL LAND CO

HA FOREST FIELD  
CHARLESTON  
86 NCFGPD, ORISKANY

**GREENBIER**

UNION OIL OF CALIF 1 G L WALTON 38.05 80.20 WF WF  
\*\* 17 11350 S 15100 W FALLING SPRGS D-A  
2786 KB 2775 GR WILDCAT  
SPUD 12/29/66 COMP 04/17/67  
CSG 20 AT 37 AT 192  
11 AT 3462 7 AT 9181  
DTD 9509 LTD 9498

LOG-- TOP	LOG-- TOP
GREENBR 606	WMSPORT 8028
MACCRADY 1222	KEEFER 8340
POCONO 1300	ROSEHILL 8357
DEV SH 1710	CAPON 8537
ONONDAGA 6858	TUSCARORA 8594
ORISKANY 6999	ORDOR-
HELDERSB 7022	JUNIATA 8774
SIL-	OSWEGO 9315
SALINA 7600	MARTNSBG 9419

MAP QUAD LOBELIA AC 36  
CONTR LOHMAN-JOHNSON TOOLS RT  
CARTER COORD 7-S-110  
OPR WELL #1  
20 MI N OF TOWN OF LEWISBURG IN ELLIS CHAPEL AREA  
12/28 DROPPED FROM REPORT 9/8/67  
DRLD 0-205 W/AIR & FOAM, 205-490 W/AIR,  
490-3990 W/FOAM, 3990-8722 W/AIR, 8721-9181  
W/MUD, 9181-9509 W/AIR & FOAM  
SSG AT 6073, 6130, 6693, 6909, 6968, 7698, 8662, GAS AT 8719 F 24.8 MCF, WTR 8722-25

8340  
2786  
5554

9419  
2786  
-6633

8594  
2786  
5808

8774  
2786  
5988

9315  
2786  
6579

8774  
6858  
1916

RAN GRN LOG 100-9498, SONIC LOG 190-9203,  
DENSITY LOG 9185-9498  
D-A COMPLETION

CONSOL GAS SUPPLY MYRTLE HAYNES UNIT 38.10 80.50 WF  
\*\* 18 26950 S 3300 W MEADOW BLUFF  
2660 GR  
SPUD 12/18/67  
MAP QUAD WINONA PROJ DEPTH NEWBURG AC 514  
CONTR DELTA TOOLS RT  
CARTER COORD 21-T-104  
OPR WELL #10960  
LEASE #73580 & 72598  
15 MI SE OF TOWN OF SUMMERSVILLE  
12/28 110 TD, SD

ROCKY DRLG 1 WOODROW & DOTTE  
466 1750 S

1130 GR T  
SPUD 11/29/67  
CSG 18 AT 19  
10 3/4 AT 860  
MAP QUAD WESTON  
CONTR OWN  
CARTER COORD 3-FF-11  
WELL NAME - 1 WOODROW  
TRACT 1  
2 MI W OF BENSON  
12 MI NE OF TOWN OF  
12/28 DRLG 1260

**HARRISON**

DELTA PRODUCING 1 JOHNSON-LANG 39.15 80.10 WO  
458 8300 S 11800 W SIMPSON  
1281 GR  
SPUD 08/14/67  
CSG 4 1/2 AT 2161  
DTD 2577  
DRLR-- TOP --  
B LM 1510  
KEENER 1570 1618  
INJUN 1636 1675  
SAND 1975 2055  
SAND 2055 2095  
SAND 2145 2193  
MAP QUAD PHILIPPI PROJ DEPTH 5TH SAND AC 94  
CONTR G SIMS TOOLS CT  
CARTER COORD 8-GG-112  
1100 FT W OF 5TH SD OIL DISCOVERY  
2100 FT NW OF 5TH SD GAS DISCOVERY  
10/12 REDUCED HOLE AT 2018  
SG 2083-92  
12/28 FRACT 5TH SAND, TSTG

STYDAHAR OGG 1 ANDREW DOUGL  
467 5100 S

1190 GR T  
MAP QUAD PHILIPPI  
CARTER COORD 7-FF-11  
TRACT 1  
12/28 LOC

ST CLAIR OIL 1 HILL LEWIS 39.10 80.15 D  
460 22600 S 5700 W ELK  
1296 GR  
SPUD 10/13/67  
CSG 10 3/4 AT 1462  
7 AT 2060W/ PKR  
DRLR-- TOP --  
B LM 1653  
INJUN 1754 1859  
GANTZ 1975 2087  
SAND 2100  
MAP QUAD WESTON PROJ DEPTH BENSON AC 67  
CONTR BENGCO TOOLS CT  
CARTER COORD 19-FF-111  
OPR WELL #34755  
LEASE #24760  
12/28

T W M PET 1 C S TRINELE  
468 3100 S

1061 GR  
SPUD 12/06/67  
CSG 8 5/8 AT 1171  
DTD 4448  
MAP QUAD WESTON  
CONTR S W JACK  
CARTER COORD 1-  
4 MI N OF BENSON  
SHALLOW PRODUCTION  
5 MI SE OF TOWN OF  
12/28 TSTG

**JACKSON**

RAY BROS DRLG 3 S L CUMBER  
\*\* 1150  
668 GR  
MAP QUAD KERRAN  
CARTER COORD 20-  
ORISKANY 18  
SISSONY 18  
10 MI N OF  
1 1/2 MI W OF VILL  
12/28 LOC

**KANAWHA**

ASHLAND OIL & REF 1 A S PET  
\*\* 485 GO 744-D 1000



2199

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Green 17

EMSON

ULL CREEK 38.15 81.35 WOOD  
O S 23600 W PEYTONA  
KANAWHA FOREST  
OTO 4709  
PROJ DEPTH NEWBURG AC 4000  
COALS CT  
BY PRODUCER  
L CREEK COAL LAND CO  
KA FOREST FIELD  
CHARLESTON  
66 WCFPD, ORISKANY

GREENBRIER  
UNION OIL OF CALIF I G L WALTON 38.05 80.20 WF WF  
\*\* 17 11350 S 15100 W FALLING SPRGS  
2786 KB 2775 GR WILDCAT  
SPUD 12/29/66 COMP 04/17/67 D-A  
CSG 20 AT 37 16 AT 192  
11 AT 3462 7 AT 9187  
DTD 9509 LTD 9498  
LOG --- TOP ---  
GREENBR 606 - WMSPORT 8028  
MACCRADY 1222 - KEEPER 8340  
POCONO 1300 - ROSEHILL 8357  
DEV SH 1710 - CAPON 8537  
ONONDAGA 6858 - TUSCARORA 8594  
ORISKANY 6999 - ORDOV 8774  
HELDERSG 7022 - JUNIATA 8774  
SIL - OSWEGO 9315  
SALINA 7600 - MARTINSBG 9419  
MAP QUAD LOBELIA AC 36  
CONTR LOHMAN-JOHNSN TOOLS RT  
CARTER COORD 7-S-110  
OPR WELL #1  
20 MI N OF TOWN OF LEWISBURG IN ELLIS CHAPEL  
AREA  
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DRLD 0-205 W/AIR & FOAM, 205-490 W/AIR,  
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W/MUD, 9181-9509 W/AIR & FOAM  
SSG AT 8073, 8130, 8293, 8703, 8968, 9550 7698,  
8662. GAS AT 8719 F 24.8 MCF, WTR 8722-25  
COMT

8340  
2786  
5554  
9419  
2786  
-6633-  
8594  
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5988  
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6858  
1916  
9315  
2786  
6529

RAN GRN LOG 100-9498, SONIC LOG 190-9203  
DENSITY LOG 9186-9498  
D-A  
COMPLETION

CONSOL GAS SUPPLY MYRTLE HAYNES UNIT 38.10 80.50 WF  
\*\* 18 26950 S 3300 W MEADOW BLUFF  
2660 GR  
SPUD 12/18/67  
MAP QUAD WINONA PROJ DEPTH NEWBURG AC 514  
CONTR DELTA TOOLS RT  
CARTER COORD 21-T-104  
OPR WELL #10960  
LEASE #73580 & 72598  
15 MI SE OF TOWN OF SUMMERSVILLE  
12/28 110 TD, SD

ROCKY DRG 1 WOODROW & DOTT  
446 1750  
1130 GR T  
SPUD 11/29/67  
CSG 16 AT 19  
10 3/4 AT 860  
MAP QUAD WESTON  
CONTR OWEN TO  
CARTER COORD 3-FF-  
WELL NAME - 1 WOOD  
TRACT 1  
2 MI W OF BENSON P  
12 MI NE OF TOWN OF  
12/28 DRG 1200

HARRISON  
DELTA PRODUCING 1 JOHNSON-LANG 39.15 80.10 WO  
458 8300 S 11800 W SIMPSON  
1281 GR  
SPUD 08/14/67  
CSG 4 1/2 AT 2161  
DTD 2577  
DRLR --- TOP ---  
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SAND 1975 2055  
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1190 GR T  
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B LM 1553  
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GANTZ 1975 2067  
SAND 2100  
MAP QUAD WESTON PROJ DEPTH BENSON AC 67  
CONTR BENCO TOOLS CT  
CARTER COORD 19-FF-111  
OPR WELL #34755  
LEASE #24780  
12/14 SALT WTR AT 1573, SG-0 1830-59, SO AT 1985, MFW

JACKSON  
RAY BROS DRG 3 S E  
\*\* 1150  
668 GR  
MAP QUAD KEENE  
CARTER COORD 20-  
ORISKANY IS THE  
SISSONVILLE  
10 MI N OF ROCKE  
1 1/2 MI W OF VIL  
12/28 LOC  
KANAWHA  
ASHLAND OIL & REF 1 A S RE  
\*\* 744-D 1000  
685 GR  
MAP QUAD CHARLESTON