

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

FILE NO. _____
DRAWING NO. 7303
SCALE 1" = 400'
MINIMUM DEGREE OF ACCURACY 1/2500
PROVEN SOURCE OF ELEVATION USGS BM DISK SET IN TOP NE END OF SE HEADWALL 22' SE OF CENTERLINE OF RT. 21 STAMPED T-103

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 DIVISION OF ENVIRONMENTAL PROTECTION.
(SIGNED) [Signature]
R.P.E. _____ L.L.S. 2153



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

DATE MAY 5, 20 09
OPERATOR'S WELL NO. 7303
API WELL NO. 47 035 000536-F
STATE 47 COUNTY 035 PERMIT 000536-F

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE X DEEP SHALLOW

LOCATION: ELEVATION 828.31 WATER SHED LEFT FORK OF SYCAMORE CREEK
DISTRICT RIPLEY COUNTY JACKSON
QUADRANGLE RIPLEY COORDINATES LAT: 38°52'13" LONG: 81°42'19"

SURFACE OWNER BOBBY KEITH ADKINS ACREAGE 95.44
ORIGINAL OIL & GAS ROYALTY OWNER T. B. HARRISON LEASE ACREAGE 126
COAL OWNER _____ LEASE NO. 1052730

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 _____

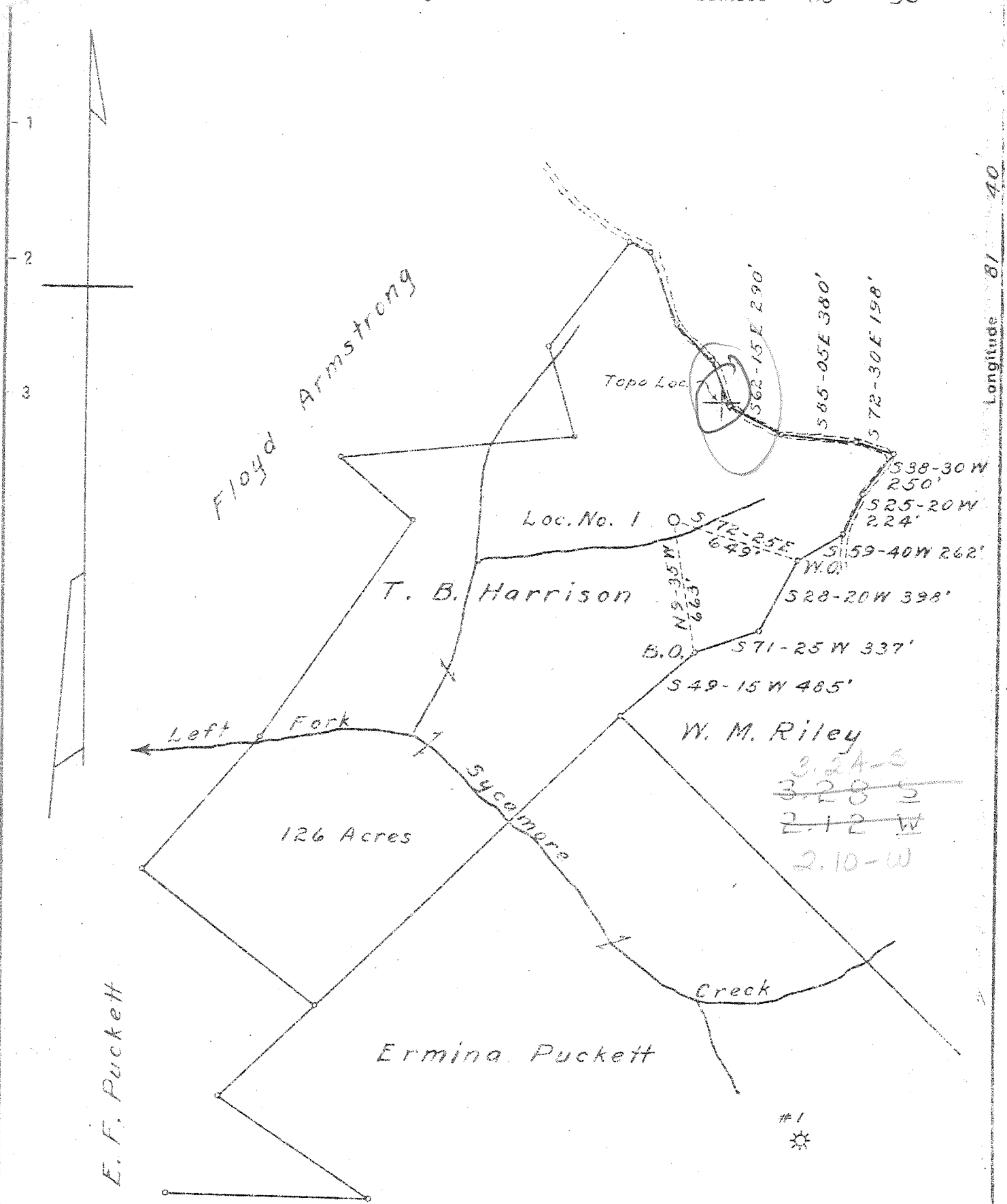
WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP DESIGNATED AGENT PAUL AMICK
ADDRESS PO BOX 1273, CHARLESTON, WV 25325-1273 ADDRESS PO BOX 1273, CHARLESTON, WV 25325-1273

JACKSON COUNTY NAME

PERMIT 536

SEP 04 2009

FORM WW-5



3.24-8
~~3.28-5~~
~~2.12-W~~
 2.10-W

New Location X
 Drill Deeper
 Abandonment

Company United Carbon Company
 Address Charleston, W. Va.
 Farm T. B. Harrison
 Tract _____ Acres 126 Lease No. 3064
 Well (Farm) No. 1 Serial No. 1422
 Elevation (Spirit Level) 829.3'
 Quadrangle Ripley - WC.
 County Jackson District Ripley
 Engineer E. W. Ithrow
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date Sept. 27, 1946 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. JAC-536

+ 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

10-6-1946 ✓

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

Permit No. Jac 536
Ripley Quad.

Gas Well
CASING & TUBING

Company	United Carbon Company		
Address	Box 1913, Charleston 27, W.Va.	16	16
Farm	T.B. Harrison et al Acres 126	13 3/8	715
Location	Left Fork of Sycamore Creek	10 1/2	1184
Well No.	1 (1422) Elev. 834.33'	8 5/8	2181
District	Ripley Jackson County	7" OD	4879
Surface	T.B. Harrison, Ripley, W.Va.	2 3/8	4977
Mineral	Same		
Commenced	Oct. 28, 1946	Casing cemented:	
Completed	Jan. 18, 1947	8 5/8 to 1710' 1-9-47	
Not shot		7" OD 10 bags cement	
Open flow	4/10ths M in 7" 22#	1-10-47	
Volume	3,181,000 C.F.		
Rock Pressure	1040 lbs. 24 hrs.		
Fresh Water	410' 5 BPH; 665' 2 BPH		
Salt Water	1475' 1 BPH; 1760-1795 H.F.		

Surface	0	16
Red Rock	16	75
Slate	75	150
Red Rock	150	250
Slate & Shells	250	325
Red Rock	325	375
Sand	375	430
Slate & Shells	430	450
Sand	450	500
Red Rock	500	625
Sand, Pittsburgh	625	685
Slate	685	750
Sand	750	815
Red Rock	815	860
Sand	860	890
Red Rock	890	940
Slate & Shells	940	1015
Red Rock	1015	1035
Slate & Shells	1035	1195
Sand	1195	1230
Slate & Shells	1230	1335
Sand	1335	1365
Slate & Shells	1365	1395
Sand - <i>Sick Sand</i>	1395	1525
Slate & Shells	1525	1750
Salt Sand	1750	1850
Slate Break	1850	1854
Big Lime	1854	1990
Slate Break <i>3340</i>	1990	2000
Injun Sand	2000	2150
Slate & Shells	2150	2485
Shale Brown	2485	2500
Berea	2500	2512
Slate & Shells	2512	3975
Shale Brown	3975	4250
Slate White	4250	4625
Shale Brown	4625	4865
Corniferous Lime - <i>463</i>	4865	4974
Oriskany Sand	4974	5007
Lime - <i>Heel</i>	5007	5010
Total Depth	5010	

485

Gas 4975-4991 3,181 MCF