

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

RECEIVED
Office of Oil and Gas
NOV 28 2022
WV Department of
Environmental Protection

API 47 - 051 - 00458-00-00 County Marshall District Liberty
Quad Cameron, WV Pad Name _____ Field/Pool Name Victory B
Farm name Miller Heirs Well Number 4712
Operator (as registered with the OOG) Columbia Gas Transmission, LLC
Address 1700 MacCorkle Ave. S.E., P.O. Box 1273 City Charleston State WV Zip 25325

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4400501.45 Easting 533223.51
Landing Point of Curve Northing N/A Easting N/A
Bottom Hole Northing Not measured (vertical wellbore) Easting Not measured (vertical wellbore)

Elevation (ft) 774.8' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)

Date permit issued 4/20/2022 Date drilling commenced N/A Date drilling ceased N/A
Date completion activities began 11/7/2022 Date completion activities ceased 11/10/2022
Verbal plugging (Y/N) N/A Date permission granted _____ Granted by _____

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft N/A Open mine(s) (Y/N) depths N
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths N
Coal depth(s) ft 427'-435' (as reported by the driller in 1962). Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) Y

Reviewed by:
12/16/2022

NOV 28 2022

WR-35
Rev. 8/23/13

API 47-051 - 00458-00-00

Farm name Miller Heirs

WV Department of Environmental Protection Well number 4712

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor							
Surface		13-3/8"	95'		48		Y
Coal		8-5/8"	480'		24		Y
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production		5-1/2"	1554'		17		Y
Tubing							
Packer type and depth set							

Comment Details Casing was not altered during workover operations.

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor							
Surface		125 sx.					
Coal		400 sx.					
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production		450 sx.					
Tubing							

Drillers TD (ft) 1738' _____ Loggers TD (ft) 1738' _____

Deepest formation penetrated Big Injun _____ Plug back to (ft) _____

Plug back procedure _____

Kick off depth (ft) _____

Check all wireline logs run
 caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

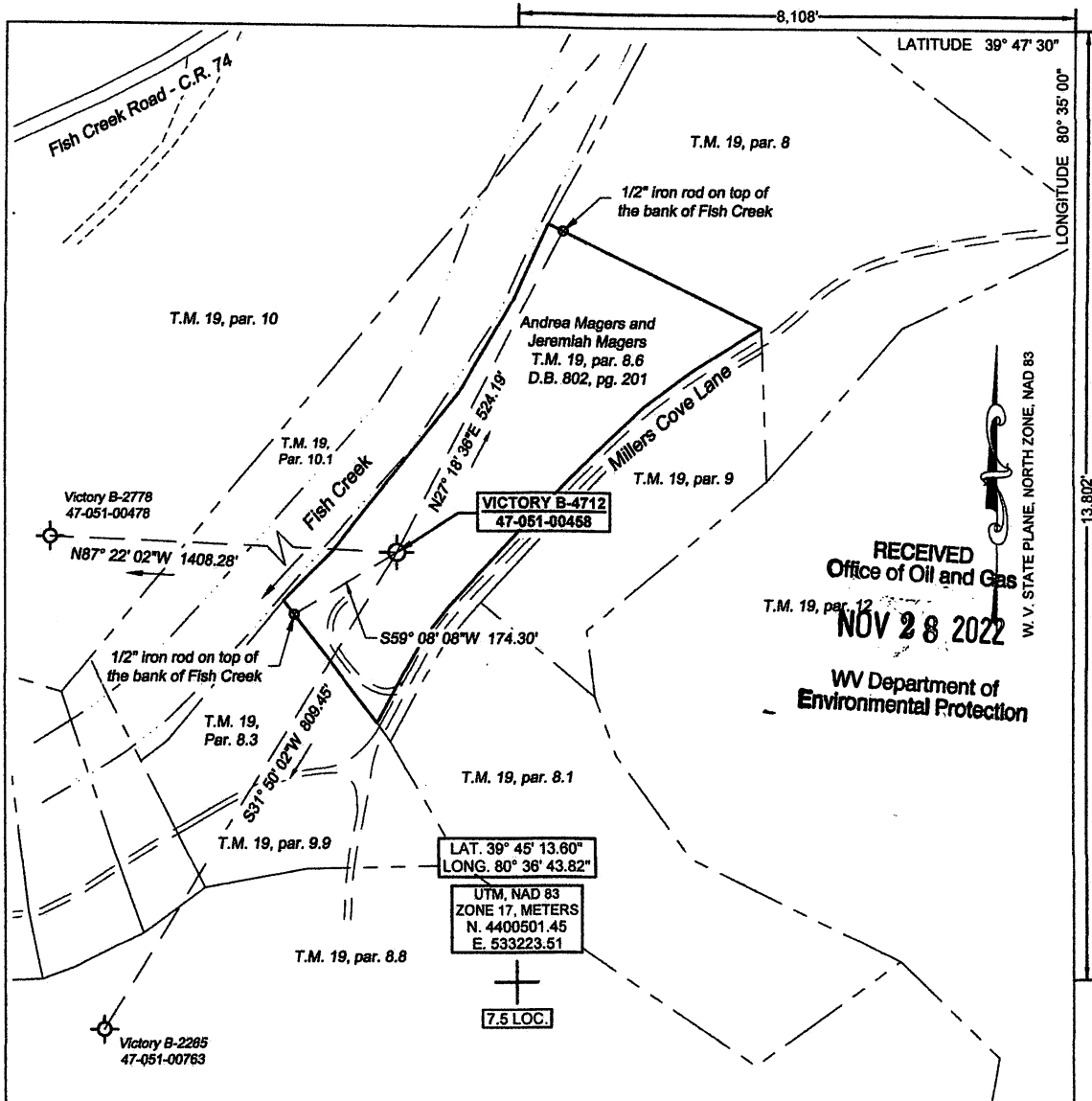
DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

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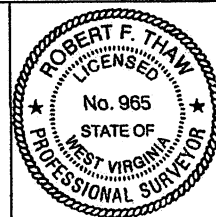
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE No. 2101-2345-001-003
DRAWING No. VICTORY B-4712
SCALE 1"=200'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION TRIMBLE R10
GPS UNIT

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)

ROBERT F. THAW PS #965



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
NITRO, WV

DATE MARCH 18 2022
OPERATOR'S WELL No. 4712
API WELL No. 47 051 - 00458

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL STATE COUNTY PERMIT
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 774.8' WATER SHED FISH CREEK
DISTRICT LIBERTY COUNTY MARSHALL
QUADRANGLE CAMERON, WV

SURFACE OWNER ANDREA MAGERS AND JEREMIAH MAGERS ACREAGE 3.66 ACRES
OIL & GAS ROYALTY OWNER ANDREA MAGERS AND JEREMIAH MAGERS
LEASE ACREAGE 88 LEASE No. 3032009-000, 3002298-000

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

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION MAXTON, BIG INJUN ESTIMATED DEPTH 1738
WELL OPERATOR COLUMBIA GAS TRANSMISSION, LLC DESIGNATED AGENT BRAD NELSON
ADDRESS PO BOX 1273, CHARLESTON, WV ADDRESS 455 RACETRACK ROAD
25325-1273 WASHINGTON, PA 15301

Columbia Gas Transmission, LLC
1700 MacCorkle Ave., SE, Charleston, WV, USA 25325



RECEIVED
Office of Oil and Gas
NOV 28 2022
WV Department of
Environmental Protection

November 22, 2022

WV DEP – Office of Oil & Gas
601 57th Street, SE
Charleston, WV 25304-2345

Enclosed are completed WR-34 Discharge Monitoring Report and WR-35 Well Operator's Report of Well Work forms for the following permitted wells:

Victory B well 4712 API 051-00458 Stimulate / Re-Work

If you have questions, feel free to call.

Regards,

A handwritten signature in blue ink that reads "Brad Nelson".

Brad Nelson
Storage Engineer
TC Energy (Columbia Gas Transmission, LLC)
brad_nelson@tcenergy.com
off: 724-223-2753
cell: 724-250-0610