

LATITUDE 38° 27' 30"

LONGITUDE 81° 27' 30"

0050'

ROBERT G. & LINDA LOU MELTON

RICHARD M. & LARETTE ROSS MELTON

OKEY & TESSIE MYERS

VIRGINIA L. REED, ET AL. (DAVID M. GRAHAM, HRS.)

GAS WELL #12385

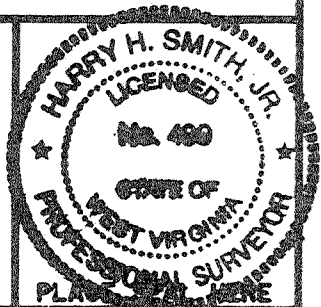
PROPOSED DOWNHOLE LOCATION MD. 5890' TYD. 5120'

NOTE: This Map is For Well Location 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. 12385 SCALE 1" = 400' MINIMUM DEGREE OF ACCURACY 1/200 PROVEN SOURCE OF ELEVATION U.S.G.S. "BM" Standard

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) Harry H. Smith



STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION



DATE January 9, 1988 OPERATOR'S WELL NO. 12385 API WELL NO. 47 039 STATE COUNTY PERMIT

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL STATE COUNTY PERMIT LOCATION: ELEVATION 729' WATER SHED Buffalolet Branch Of Elk River DISTRICT Elk COUNTY Kanawha QUADRANGLE Blue Creek, WV COORDINATES LAT: 38°26'10" LONG: 81°27'44" SURFACE OWNER Virginia L. Reed, Et Al. ACREAGE 34 OIL & GAS ROYALTY OWNER Virginia L. Reed, Et Al. LEASE ACREAGE 486 COAL OWNER Virginia L. Reed, Et Al. LEASE NO. 48243 PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUS OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 9-0 217

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION Oriskany ESTIMATED DEPTH TYD 5120 WELL OPERATOR COLUMBIA GAS TRANSMISSION CORP DESIGNATED AGENT Richard L. Coty ADDRESS PO Box 1273, Charleston, WV 25325-1273 ADDRESS P O Box 1273, Charleston, WV 25325-1273

KANAWHA COUNTY NAME: PERMIT 5220 H

DEEP WELL

WR-35
RECEIVED
 Office of Oil & Gas
 Office of Chief
MAY 13 1999
 WV Division of
 Environmental Protection

08-Apr-98
 API # 47- 39-05220 H

State of West Virginia
 Division of Environmental Protection Reviewed AS
 Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: REED, VIRGINIA Operator Well No.: Coco"C" #12385

LOCATION: Elevation: 729.00 Quadrangle: BLUE CREEK

District: ELK County: KANAWHA
 Latitude: 8050 Feet South of 38 Deg. 27Min. 30 Sec.
 Longitude 1200 Feet West of 81 Deg. 27 Min. 30 Sec.

Company: COLUMBIA GAS TRANSMISSION
 P. O. BOX 1273
 CHARLESTON, WV 25325-1273

Agent: RICHARD L. COTY

Inspector: CARLOS HIVELEY
 Permit Issued: 04/09/98
 Well work Commenced: 11-21-98
 Well work Completed: 03-25-99
 Verbal Plugging
 Permission granted on: _____
 Rotary X Cable _____ Rig
 Total Depth (feet) 6379' MD
 Fresh water depths (ft) 86', 170'
 Salt water depths (ft) 775', 1016', 1588'
 Is coal being mined in area (Y/N)? No
 Coal Depths (ft): N/A

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
16", 651b	H-40	427'	To surface 400 sx net
10-3/4", 40.51b, K-55		2127'	To surface 100 sx net 260 sx lit
7", 231b, N-80		5111' MD	100 sx net 125 sx lit
2-3/8", 4.71b J-55		5097' MD	

OPEN FLOW DATA

Producing formation Oriskany Storage Pay zone depth (ft) 5211'-6379' (MD)
 Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/c
 Final open flow N/A MCF/d Final open flow N/A Bbl/c
 Time of open flow between initial and final tests N/A Hours
 Static rock Pressure N/A psig (surface pressure) after N/A Hours
 Second producing formation Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/c
 Final open flow _____ MCF/d Final open flow _____ Bbl/c
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: COLUMBIA GAS TRANSMISSION CORP.
 By: Paul C. Amick, Sr. Storage Eng.
 Date: May 10, 1999

MAY 24 1999

KAN 5320 H

<u>Formation</u>	<u>Top</u>	<u>Base</u>
Salt Sands	874'	1378'
Big Lime	1560'	1732'
Weir	1807'	1833'
Injun	Not Present	Not Present
Sunbury	2108'	2119'
Berea	Not Present	Not Present
Onondaga	5071'MD 5046'TVD	5211'MD 5173'TVD
Oriskany	5211'MD 5173'TVD	6379'MD

Stimulated Oriskany with 4,000 gallons of 15% HCl thru coiled tubing.