

LATITUDE 39 - 12 - 30

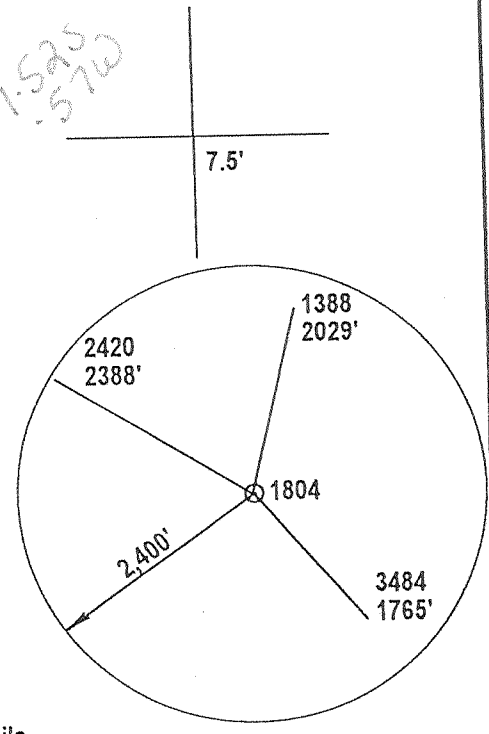
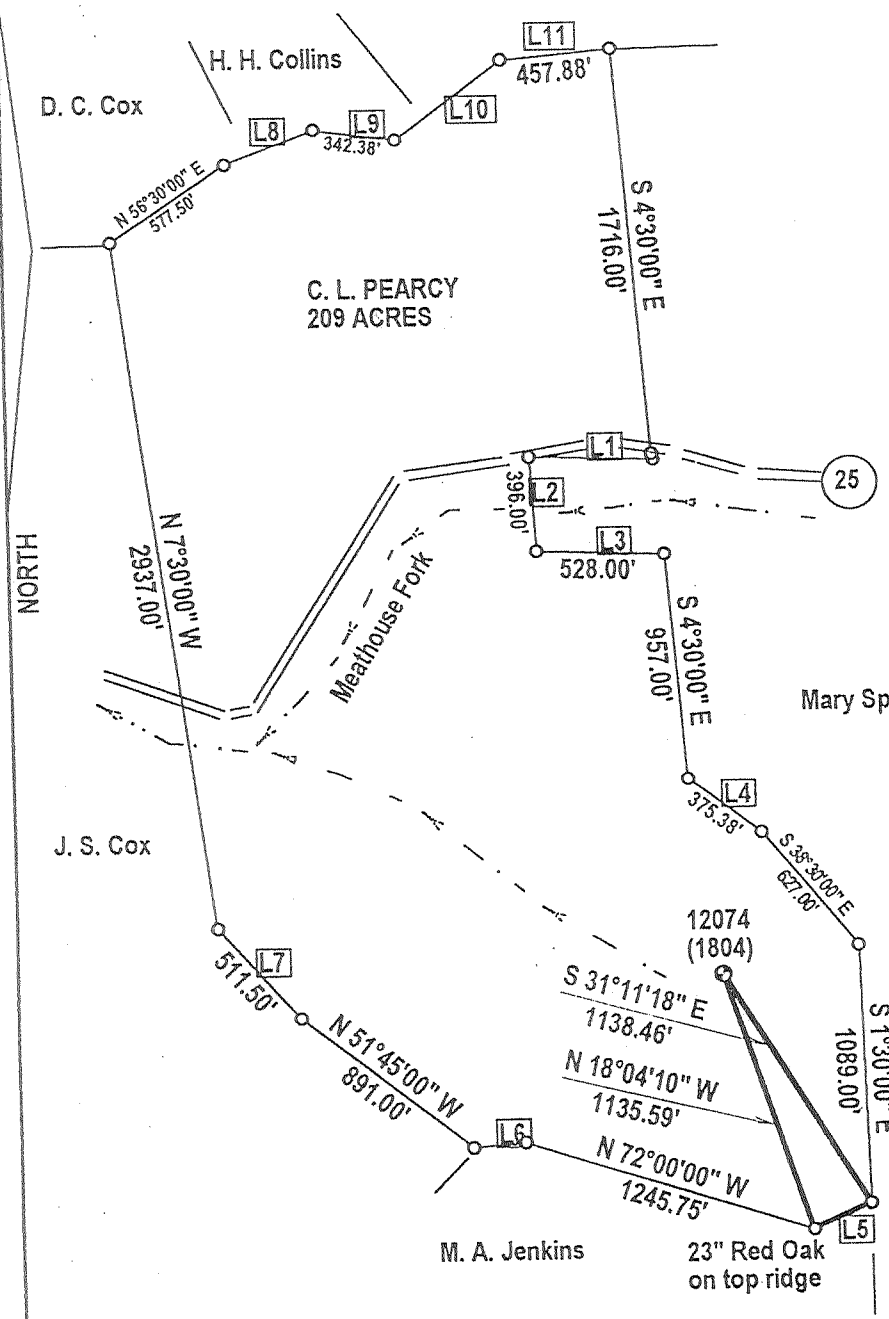
LONGITUDE 80 - 35 - 00

NAD 27 WV North Coord.  
N 251,887.5 E 1,689,929.5

G. W. Swisher

scaled coord:  
3,000' West  
8,000' South

farm lines		
Id	Bearing	Distance
L1	N 88°00'00" W	511.50'
L2	S 3°00'00" E	396.00'
L3	S 88°00'00" E	528.00'
L4	S 52°30'00" E	375.38'
L5	S 66°00'00" W	259.79'
L6	S 85°15'00" W	214.50'
L7	N 41°30'00" W	511.50'
L8	N 69°00'00" E	396.00'
L9	S 82°00'00" E	342.38'
L10	N 53°00'00" E	552.75'
L11	N 85°00'00" E	457.88'

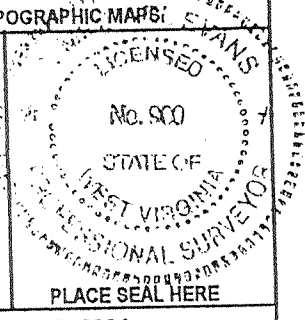


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: \_\_\_\_\_  
 DRAWING NUMBER: \_\_\_\_\_  
 SCALE: 1" = 800'  
 MINIMUM DEGREE OF ACCURACY: 1 in 2500  
 PROVEN SOURCE OF ELEVATION: GPS Survey (submeter 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 DEPARTMENT OF ENERGY.

(SIGNED) *J. Michael Evans*  
 J. Michael Evans, PS 900



STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS  
 #10 McJUNKIN ROAD  
 NITRO, WV 25143-2606  
 FORM WW-6

LAND SURVEYING SERVICES  
 21 CEDAR LANE, BRIDGEPORT, WV 26330  
 PHONE: 304-842-2018 OR 842-6762

DATE: October 8, 2001  
 OPERATORS WELL NO.: 12074  
 API WELL NO. 47 - 017 - 1804 F  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1175' WATERSHED Meathouse Fork  
 DISTRICT Greenbrier COUNTY Doddridge  
 QUADRANGLE Big Isaac LEASE NUMBER 43098

SURFACE OWNER Arthur R. Pollace ACREAGE 77.82  
 OIL & GAS ROYALTY OWNER C. L. Pearcy LEASE ACREAGE 209

PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_  
 PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE (SPECIFY) REWORK  
 PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_  
 TARGET FORMATION ESTIMATED DEPTH

WELL OPERATOR DOMINION TRANSMISSION, INC. DESIGNATED AGENT James D. Blasingame  
 ADDRESS 445 West Main St., Clarksburg, WV 26301 ADDRESS 445 West Main St., Clarksburg, WV 26301

COUNTY NAME PERMIT

FEB 9 1 2002



State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

*APB*

Well Operator's Report of Well Work

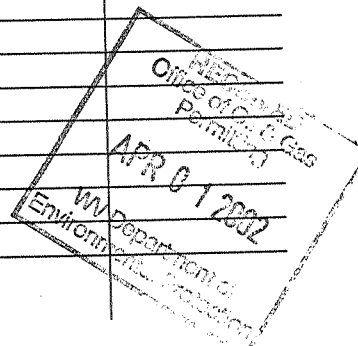
Farm name: Pollace, Arthur R. Operator Well No.: 12074

LOCATION: Elevation: 1175' Quadrangle: Arthur r. Pollace

District: Greenbrier County: Doddridge  
Latitude: 8,000 Feet South of 39 Deg. 12 Min. 30 Sec.  
Longitude 3,000 Feet West of 80 Deg. 35 Min. 00 Sec.

Company: Dominion Transmission, Inc

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 445 W Main Street Clarksburg, WV 26301				
Agent: Brian Sheppard				
Inspector: Mike Underwood				
Date Permit Issued: '10/29/2002		Please see	Original	
Date Well Work Commenced:		WR-35 for	Existing	
Date Well Work Completed: 02/19/2002		Casing	Program	
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary Cable X Rig				
Total Depth (feet):				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				



OPEN FLOW DATA

Producing formation Gordon Pay zone depth (ft) 2797-2838'  
Berea 2506-2512'  
Gas: Initial open flow - MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 84 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 12 Hours  
Static rock Pressure 100 psig (surface pressure) after 12 Hours

\* Comingled with previous formations

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
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.

Signed: *Brian C. Sheppard*  
By: Brian Sheppard  
Date: 03-25-02

*MR*

APR 5 2002

Dodd 1804 F

COMPANY/WELL NO.: DTI 12074

02/19/02 KEY PERFERED AND BJ FRACED AS FOLLOWS:

03/20/2002

GORDON, 2797 - 2838', 20 HOLES, BD 1820#, AVG RATE 17 BPM, AVG PRESS 2095#, 323 BBLS, TOT SAND 15,000#, ISIP 1900#

BEREA, 2506 - 2512', 18 HOLES, BD 2300#, AVG RATE 23 BPM, AVG PRESS 2493#, 381 BBLS, TOT SAND 27,000#, ISIP 1480#



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

Quadrangle VADIS  
Permit No. DOD-1804

Rotary XX Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas XX  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Company <u>Consolidated Gas Supply Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Clarksburg, W. Va.</u>				
Farm <u>C. L. Percy</u> Acres <u>209</u>				
Location (waters) <u>Meathouse Fork</u>				
Well No. <u>12074</u> Elev. <u>1177'</u>	Size <u>16"</u>	<u>20'</u>	<u>20'</u>	To surface
District <u>Greenbrier</u> County <u>Doddridge</u>	Cond. <u>11"</u>	<u>220'</u>	<u>220'</u>	To surface
The surface of tract is owned in fee by <u>R. S. Glotfelty</u>	<u>9 5/8</u>			
Address <u>Clarksburg, W. Va.</u>	<u>8 5/8</u>	<u>1898'</u>	<u>1898'</u>	75 bags
Mineral rights are owned by <u>Alvin Nicholson</u>	<u>7</u>			
Address <u>Charleston, W. Va.</u>	<u>5 1/2</u>			
Drilling Commenced <u>3-22-76</u>	<u>4 1/2</u>	<u>5119'</u>	<u>5119'</u>	100 bags
Drilling Completed <u>4-1-76</u>	<u>3</u>			
Initial open flow <u>179 M</u> cu. ft. _____ bbls.	<u>2</u>			
Final production <u>133 Mcu. ft.</u> per day _____ bbls.	Liners Used			
Well open <u>14 days</u> hrs. before test <u>1700'</u> RP.				
Well treatment details:				

Attach copy of cementing record.

Fractured with 56,000# sand, 550 bbl water and 500 gal acid.  
Perforations: 5017-5023' with 24 holes

Coal was encountered at 150' Feet 60 Inches  
Fresh water None Feet \_\_\_\_\_ Salt Water 1550' Feet \_\_\_\_\_  
Producing Sand Benson Depth 5017-5023'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	150		
Coal			150	155		
Sand & Shale			155	1602	Water	1550' Salt
Coal			1602	1605		
Sand & Shale			1605	2080		
Little Lime			2080	2130		
Big Lime			-2130	2190		
Big Injun			2190	2270		
Sand & Shale			2270	3080	Gas	2510'
Bayard			3080	3100		
Sand & Shale			3100	3960		
Balltown			3960	4020		
Sand & Shale			4020	5016		
<u>Benson</u>			- 5016-	5026	Gas	5017-5023'
Total Depth				5145'		

5146  
3080  
2066 explor. ft.

KBM 11' above G. L.

Consolidated Gas Supply Corporation  
145 West Main Street  
Clarksburg, W. Va.

\* Indicates Electric Log tops in the remarks section.

(over)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

MAR 12 1976

DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE March 1, 1976

Surface Owner Robert S Glotfelty  
Address 212 Fairview Ave., Clarksburg, WV

Company Consolidated Gas Supply Corporation  
Address Clarksburg, W. Va.

Mineral Owner Alvin L. Nicholson  
Address 237 Beaumont Ave., Charleston, WV

Farm C. L. Pearcy Acres 209

Coal Owner None  
Address \_\_\_\_\_

Location (waters) Meathouse Fork

Coal Operator None  
Address \_\_\_\_\_

Well No. 12074 Elevation 11771

District Greenbrier County Doddridge

Quadrangle VADIS

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22 of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 7-12-76.

Robert S Glotfelty  
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett  
PH: 622-3871 ADDRESS Clarksburg, W.Va.

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated 12-24-12 19   by C. L. Pearcy made to Hope Natural Gas Co. and recorded on the 26th day of December 19  12 in Doddridge County, Book 26 Page 182  
XXXX NEW WELL \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  
\_\_\_\_\_ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, Robert S Glotfelty  
(Sign Name) Robert S Glotfelty Manager of Prod.  
Well Operator

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey Address  
P. O. Box 579 of  
Morgantown, W. Va. 26505 Well Operator  
AC 304-230-4461

Consolidated Gas Supply Corporation  
\_\_\_\_ Street  
115 West Main Street  
\_\_\_\_ City or Town  
Clarksburg, W. Va.  
\_\_\_\_ State

\*SECTION 3. If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

DOD-1804

47-017

PERMIT NUMBER

THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XXX DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME S. W. Jack Drilling Co. NAME R. E. Bayne  
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.  
 TELEPHONE \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
 ESTIMATED DEPTH OF COMPLETED WELL: 5160' ROTARY XXX CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Penson  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS XXX COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	FEET IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
<del>20x16</del>	20'	20'	To surface
<del>11"</del>	200'	200'	To surface
9 - 5/8			
8 - 5/8	2150'	2150'	85 Bags
7			
5 1/2			
4 1/2	5160'	5160'	125 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 95' FEET SALT WATER None FEET  
 APPROXIMATE COAL DEPTHS 705' , 60"  
 IS COAL BEING MINED IN THE AREA? No BY WHOM? \_\_\_\_\_

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

\_\_\_\_\_  
For Coal Company

\_\_\_\_\_  
Official Title