

Note: Adjoining landowners denied access to two of the wells within the 2,400' circle.

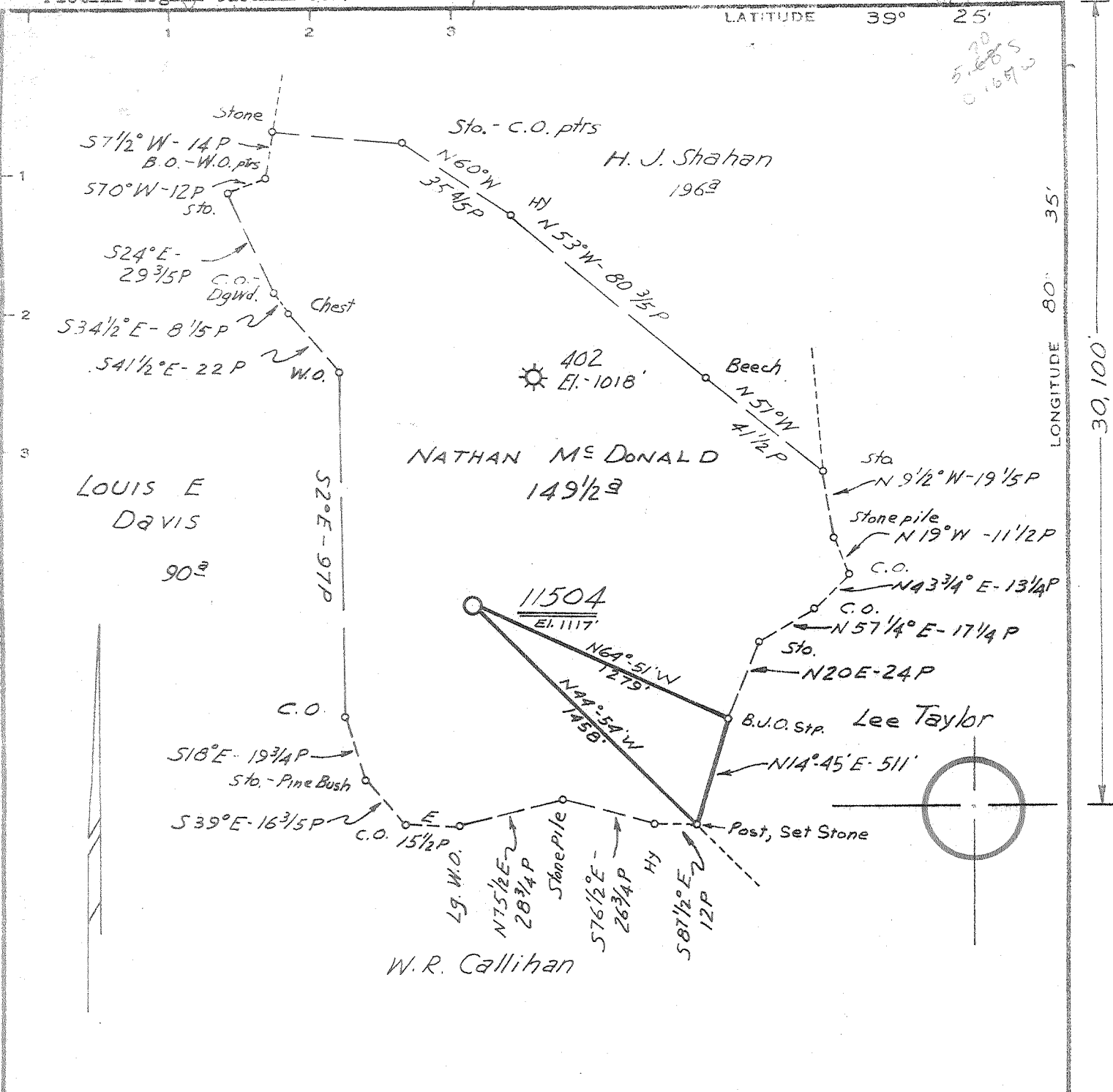
(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: _____	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.	
DRAWING NUMBER: _____		
SCALE: 1" = 600'		
MINIMUM DEGREE OF ACCURACY: 1 in 2500		
PROVEN SOURCE OF ELEVATION: GPS Survey		
(SIGNED) <i>J. Michael Evans</i>		J. Michael Evans, PS 900

STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS #10 McJUNKIN ROAD NITRO, WV 26143-2606 FORM WW-6	LAND SURVEYING SERVICES 21 CEDAR LANE, BRIDGEPORT, WV 26330 PHONE: 304-842-2018 OR 842-6762	DATE: August 16, 1999
WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION <input checked="" type="checkbox"/> WASTE DISPOSAL ___ (IF "GAS") PRODUCTION ___ STORAGE <input checked="" type="checkbox"/> DEEP ___ SHALLOW <input checked="" type="checkbox"/>	OPERATORS WELL NO.: CGTC 11504	API WELL NO. 047-017-1674
LOCATION: ELEVATION 1,112' WATERSHED Big Run	DISTRICT McClellan COUNTY Doddridge	47 - 017 - 01674 F STATE COUNTY PERMIT
QUADRANGLE 3 Salem 7.5'	LEASE NUMBER 3435	COUNTY NAME Doddridge
SURFACE OWNER Lawrence and Dorothy Barker	ACREAGE 201.6	
OIL & GAS ROYALTY OWNER Nathan McDonald	LEASE ACREAGE 149.5	PERMIT 1674 F
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 5361'	
WELL OPERATOR CNG Transmission Corporation	DESIGNATED AGENT James D. Blasingame	
ADDRESS 445 West Main St, Clarksburg, WV 26301	ADDRESS 445 West Main St, Clarksburg, WV 26301	

SEP 27 1999

5.085
0.169



LONGITUDE 80° 35'

Minimum Error of Closure 1' IN 200'
 Source of Elevation B.M. CONSOLIDATED GAS SUPPLY CORP
WELL No 402 ELEVATION - 1018'
 "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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

- New Location
- Drill Deeper
- Abandonment

MAP SHEET 54 S-8, E-1

F.B. 1624 Pgs. 5-7

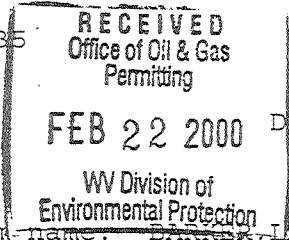
Company CONSOLIDATED GAS SUPPLY CORP
 Address CLARKSBURG, W. VA.
 Farm NATHAN McDONALD
 Tract Acres 149 1/2 Lease No. 3435
 Well (Farm) No. 11504 Serial No. 11504
 Elevation (Spirit Level) 1117'
 Quadrangle CENTERPOINT CENTRAL
 County DODDRIDGE District McCLELLAN
 Engineer Jackson M. Garrow
 Engineer's Registration No. 12397
 File No. _____ Drawing No. _____
 Date MAY 26, 1972 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. Dodd-1674

+ 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.

WR-35



22-Sep-99
API # 47- 17-01674 F

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

Reviewed K

Farm name: BARBER, LAWRENCE & DOROTHY Operator Well No.: 11504

LOCATION: Elevation: 1,112.00 Quadrangle: SALEM

District: MCCLELLAN County: DODDRIDGE
Latitude: 14825 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 3760 Feet West of 80 Deg. 35 Min. 0 Sec.

Company: CNG TRANSMISSION CORP.
445 W. MAIN ST., P.O. BOX 2450
CLARKSBURG, WV 26302-2450

Agent: JAMES D. BLASINGAME

Inspector: MIKE UNDERWOOD
Permit Issued: 09/23/99
Well work Commenced: 10/30/99
Well work Completed: 12/01/99
Verbal Plugging
Permission granted on: _____
Rotary _____ Cable _____ Rig _____
Total Depth (feet) _____
Fresh water depths (ft) _____
Salt water depths (ft) _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.

Is coal being mined in area (Y/N)? _____
Coal Depths (ft): _____

OPEN FLOW DATA

Gordon

Injun

MAXTON

2930-2938' (18)
2152-2202' (20)
1956-1966' (20)

Producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
* Final open flow 103 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 290 psig (surface pressure) after 12 Hours
* Commingled with existing production
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.

For: CNG TRANSMISSION CORP.
By: Brian Sheppard, Sr. Staff Engineer
Date: 02-11-00

NR

D000 1074F

MAR 3 2000

WEWV11504

10/30/1999 CHECKED T.D. AT 5184'.
11/04/1999 SET SOLID PLUG AT 3060'.
11/10/1999 PERFORATED AND FRACED AS FOLLOWS::
GORDON, 2930 - 2938', 18 HOLES, B.D. 1947#, AVG RATE 17 BPM, AVG PRESS
2561#, 341 BBLs, TOT SAND 16,000#, ISIP 2300#
INJUN, 2152 - 2202', 20 HOLES, B.D. 2300#, AVG RATE 19 BPM, AVG PR3SS
2023#, 428 BBLs, TOT SAND 30,800, ISIP 1900#
MAXTON, 1956 - 1966', 20 HOLES, B.D. 2440#, AVG RATE 7 BPM, AVG PRESS
3050#, 110 BBLs, TOT SAND "0"
11/30/1999 DRILLED OUT SOLID PLUG.
12/01/1999 T.B.I.L. TD AT 5175'.

F.O.F. - 103 MCF/D



RECEIVED

JAN 30 1973

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Rotary XX Oil _____
Cable _____ Gas XX c. NO. L
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle CENTERPOINT

Permit No. DODD-1671

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Nathan McDonald Acres 1 1/9
Location (waters) Big Run of Robinson Run
Well No. 1150 1/2 Elev. 1117'
District McClellan County Doddridge
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 9-11-72
Drilling Completed 9-29-72
Initial open flow Show cu. ft. _____ bbls.
Final production 157 M cu. ft. per day _____ bbls.
Well open _____ hrs. before test 1680# RP.
Well treatment details: 1 1/2 days

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-1/2"	20	20	To surface
2-5/8" 11"	290	290	To surface
8 5/8"	1709	1709	100 bags
7"			
5 1/2"			
4 1/2"	5261	5261	110 Bags
3"			
2"			
Liners Used			

Attach copy of cementing record.

Well fractured 10-21-72 with 578 bbl water, 30,000# sand, 500 gal 15% acid and 2500 HHP

Perforations: 5135-5140' with 20 holes

Coal was encountered at None Feet _____ Inches _____
Fresh water 30' 845' Feet _____ Salt Water None Feet _____
Producing Sand Benson Depth 5135-410'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	55	Water	30' Fresh
Shale & Red Rock			55	890	Water	845' Fresh
Sand & Shale			890	1885		
Little Lime			- 1885	2065		
Big Lime			- 2065	2115		
Big Injun			2115	2250	Gas	2152'
Sand & Shale			2250	5136		
<u>BENSON</u>			- 5136	5141	Gas	<u>5135-5140'</u>
Sand & Shale			5141	5361		
Total Depth				5361'		

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

All measurements taken from K.B. 10' above G.L.

(over)

* Indicates Electric Log tops in the remarks section.

FEB 8 1973



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUN 8 1972

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE June 7, 1972

Surface Owner Anthony R. Noonan

Company Consolidated Gas Supply Corporation

Address Albuquerque, N. M.

Address Clarksburg, W. Va.

Mineral Owner Blanche Whiteman

Farm Nathan McDonald Acres 149

Address Route #2, Box 180, Salem, W. Va.

Location (waters) Big Run of Robinson Run

Coal Owner Mountaineer Coal Company

Well No. 11504 Elevation 1117'

Address Box 1632, Fairmont, W. Va.

District McClellan County Doddridge

Coal Operator No Operations

Quadrangle CENTERPOINT

Address _____

INSPECTOR TO BE NOTIFIED Wm. Wm. Blosser
Box 26 PH: 363-9105
Clarksburg, W. Va. 26566

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 Oct 17, 1972.

[Signature]
Deputy Director - Oil & Gas Division

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 2-22-98 19 by Nathan McDonald made to Carter Oil Company and recorded on the 14th day of April 1998, in Doddridge County, Book 14 Page 31

XX 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 same 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,
(Sign Name) R. E. Payne Manager of Prod.
Well Operator

Consolidated Gas Supply Corporation

Address
of
Well Operator

Street
445 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

Dodd-1674 PERMIT NUMBER

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

PROPOSED WORK ORDER TO XX 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 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 5350' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL _____ GAS XX COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 ¹ / ₂ - 10x	20'	20'	To surface
XXXXXX 11"	300'	300'	To surface
8 - 5/8	1850'	1850'	75 bags
7			
5 1/2			
4 1/2	5350'	5350'	125 Bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS Est. 60' FEET _____ SALT WATER None FEET _____
 APPROXIMATE COAL DEPTHS Est. 620' _____
 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