

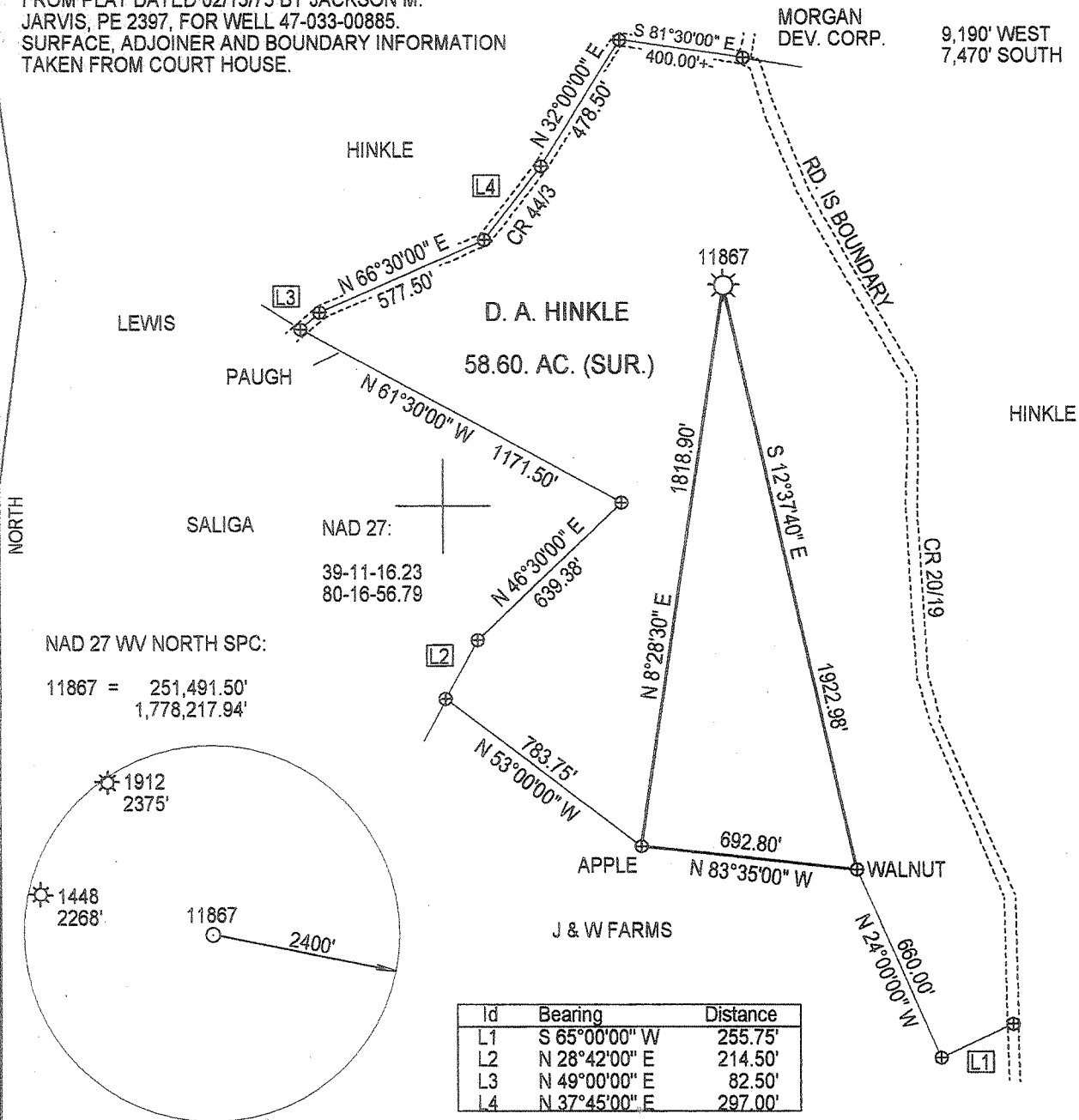
NOTES: LATITUDE, LONGITUDE AND WELL TIES FROM DGPS SUBMETER SURVEY. CORNER TIES FROM PLAT DATED 02/13/75 BY JACKSON M. JARVIS, PE 2397, FOR WELL 47-033-00885. SURFACE, ADJOINER AND BOUNDARY INFORMATION TAKEN FROM COURT HOUSE.

LATITUDE 39-12-30

SCALED COOR.:

9,190' WEST
7,470' SOUTH

LONGITUDE 80-15-00



NAD 27 WV NORTH SPC:

11867 = 251,491.50'
1,778,217.94'

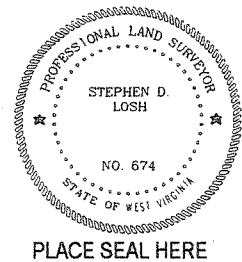
Id	Bearing	Distance
L1	S 65°00'00" W	255.75'
L2	N 28°42'00" E	214.50'
L3	N 49°00'00" E	82.50'
L4	N 37°45'00" E	297.00'

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

FILE NUMBER: _____
DRAWING NUMBER: DTI11867.PCS
SCALE: 1" = 500'
MINIMUM DEGREE OF ACCURACY: SUBMETER
PROVEN SOURCE OF ELEVATION: DGPS SURVEY
SUBMETER SYSTEM

I THE UNDERSIGNED, HEREBY STATE 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) 
STEPHEN D. LOSH, P.S. #674



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
#10 McJUNKIN ROAD
NITRO, WV 25143-2506
FORM WW-6

LAND SURVEYING SERVICES
21 CEDAR LANE, BRIDGEPORT, WV 26330
PHONE: 304-842-2018 OR 842-5762

DATE: AUGUST 21, 2009
OPERATORS WELL NO.: 11867

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ CBM ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
STATE COUNTY PERMIT 47 - 033 - 00885 F

LOCATION: ELEVATION 1103.55' WATERSHED ELK CREEK
DISTRICT ELK COUNTY HARRISON
QUADRANGLE MOUNT CLARE LEASE NUMBER 76646

SURFACE OWNER DAVID A. HINKLE ACREAGE 58.60 (408-47.1)
OIL & GAS ROYALTY OWNER CONSOLIDATED GAS SUPPLY CORP. LEASE ACREAGE 502.36

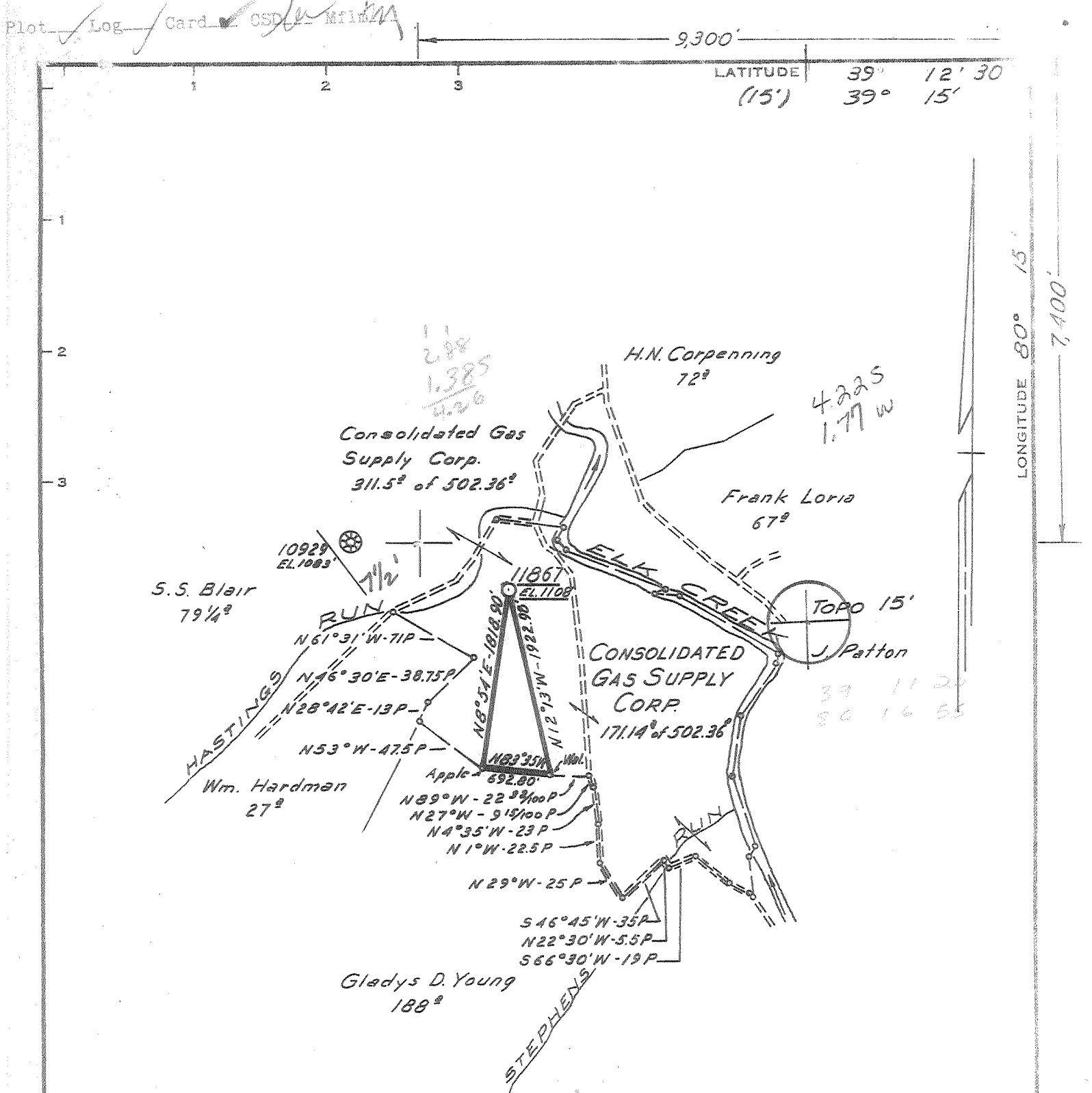
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) _____

PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR DOMINION TRANSMISSION, INC. DESIGNATED AGENT JAMES D. BLASINGAME
ADDRESS 445 W. MAIN ST., CLARKSBURG, WV 26301 ADDRESS 445 W. MAIN ST., CLARKSBURG, WV 26301

COUNTY NAME PERMIT

OCT 02 2009



Minimum Error of Closure 1' in 200'

Source of Elevation U.S.G.S. Standard Tablet #80 WSM 1012'-1957"
55' NW of Jct. of Hastings Run Rd. & Stephens Run Rd.

"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 4 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

- New Location
- Drill Deeper
- Abandonment

MAP 56 S19 E18 F.B. 1729 P. 29-35

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W. Va.
 Farm CONSOLIDATED GAS SUPPLY CORP.
 Tract _____ Acres 502.36° Lease No. 76646
 Well (Farm) No. _____ Serial No. 11867
 Elevation (Spirit Level) 1108' NE
 Quadrangle MOUNT CLARE 7 1/2' Weston 15'
 County HARRISON District ELK
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date FEB. 13, 1975 Scale 1" = 1320'

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

WELL LOCATION MAP
FILE NO. Har-885

Denotes location of well on United States Topographic Maps, scale 1 to 24,000' latitude and longitude lines being represented by border lines as shown.

Denotes one inch spaces on border line of original tracing.

47-033

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

Well Operator's Report of Well Work

Farm Name: David A. Hinkle

Operator Well No. : 11867

LOCATION: Elevation: 1103'

Quadrangle: Mount Clare

District: Elk

County: Harrison

Latitude: Feet South of 39

Deg. 12 Min. 30 Sec.

Longitude: Feet West of 80

Deg. 15 Min. 00 Sec.

Company: Dominion Transmission Inc.
445 West Main Street
Clarksburg, WV 26301

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

Agent: James D. Blasingame

Inspector: Tristan Jenkins

Permit Issued: 08/21/2009

Well Work Commenced: 10/22/2010

Well Work Completed: 11/03/2010

Verbal Plugging N/A

Permission granted on: 09/25/2009

Rotary Cable Rig X

Total Depth (feet): 2280

Total Measured Depth (feet): 2280

Fresh water depths (ft) Behind pipe

Salt water depths (ft) Behind pipe

Is coal being mined in area (Y/N)? N

Coal Depths (ft): N/A

Void(s) encountered (N/Y) Depth(s): N/A

5-1/2"	2280'	2280'	200 sks.
Squeeze job on 5-1/2" pipe			CT 1050'

APR 9 2012
 DIVISION OF ENVIRONMENTAL PROTECTION
 STATE OF WEST VIRGINIA

OPEN FLOW DATA

Producing formation	5 th Sand	Pay zone depth (ft)	2170	
Gas: Initial open flow	Show	MCF / D	Oil: Initial open flow	N/A Bbl / D
Final open flow	158	MCF / D	Oil: Final open flow	N/A Bbl / D
Time of open flow between initial and final tests				72 Hours
Static rock pressure	300	psig (surface pressure)	after	72 Hours

Second producing formation	4 th Sand	Pay zone depth (ft)	1825	
Gas: Initial open flow	Show	MCF / D	Oil: Initial open flow	N/A Bbl / D
Final open flow	158	MCF / D	Oil: Final open flow	N/A Bbl / D
Time of open flow between initial and final tests				72 Hours
Static rock pressure	300	psig (surface pressure)	after	72 Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

James D. Blasingame
Signature

3/12/12
Date

07/20/2012

Weston-Jane-Lew (153)

DTI Well # 11867 (47-033-00885 F)

Were core samples taken? Yes ___ No X Were cuttings caught during drilling? Yes ___ No X

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list No

Perforated Intervals, Fracturing, or Stimulating:

- 1) 5th Sand 2162'–2172' (20 holes) sand and water, 25,000# 20/40 sand, 372 bbl. water
- 2) 4th Sand 1815'–1825' (21 holes) sand and water, 27,200# 20/40 sand, 409 bbl. water

FORMATIONS Encountered:

Top Depth / Bottom Depth

RECORDED
INDEXED
APR 08 2012
UNITED STATES DEPARTMENT OF
LAND MANAGEMENT



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

RECEIVED
OCT 15 1975
DEPT. OF MINES

Quadrangle Mount Clare

Permit No. HAR-885

Rotary XXXX Oil _____
Cable _____ Gas XXXX
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company Consolidated Gas Supply Corp.
Address 445 West Main St., Clarksburg, WV.
Farm Commercial Coal & Coke Co Acres 502.36
Location (waters) Elk Creek
Well No. 11867 Elev. 1108'
District Elk County Harrison
The surface of tract is owned in fee by _____

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16 Cond. 13 3/8 13 3/8	250	250	To Surface
9 5/8			
8 5/8	1779	1779	To Surface
7			
5 1/2	4281	4281	80 sax.
4 1/2			
3			
2			
Liners Used			

Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 3-18-75
Drilling Completed 3-29-75
Initial open flow 823 M cu. ft. _____ bbls.
Final production 492 M cu. ft. per day _____ bbls.
Well open S.L. 14 days hrs. before test 1850 RP.

Attach copy of cementing record.

Well fractured with 56,000# sand, 500 gal. 15% acid & 660 bbl. water.

Perforations: 4171 - 4180 with 18 holes, .51.

*P.I. cords perf @ 4154-64, interval listed above 492 MCF
do not fall ab/ in Benson @ stated below in well log record.*

Coal was encountered at 395' Feet 7' Inches
Fresh water 40', 286' Feet _____ Salt Water _____ Feet _____
Producing Sand Benson Depth See Perfs.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	395	Water	40 Fresh
Coal			395	402	Water	286 Fresh
Sand & Shale			402	1080		
Red Rock			1080	1155		
Big Lime			1155	1235		
Big Injun			1235	1390		
Sand & Shale			1390	1600		
Gantz			1600	1655		
Gantz A			1655	1670		
Sand & Shale			1670	2170	Gas	2043
5th Sand			2170	2200		
Sand & Shale			2200	2745		
Upper Speechley			2745	2785		
Shale			2785	2835		
Speechley			2835	2890		
Sand & Shale			2890	4150		
Benson			4150	4170	Gas	4196
Shale			4170	4321		
Total Depth				4321		

Consolidated Gas Supply Corp.
445 West Main St.
Clarksburg, WV. 26301

K.B. Measurements 11' above G.L.

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

MAR 13 1975

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 March 11, 1975

Surface Owner Lewis Hinkle

Company Consolidated Gas Supply Corporation

Address Rt. #1, Box 197, Mt. Clair, W. Va.

Address Clarksburg, W. Va.

Mineral Owner Consolidated Gas Supply Corp.

Farm Consolidated Gas Supply Acres 502.36

Address Clarksburg, W. Va.

Location (waters) Elk Creek

Coal Owner Lewis Hinkle

Well No. 11867 Elevation 1108'

Address Mt. Clair, W. Va.

District Elk, County Harrison

Coal Operator None

Quadrangle WESTON

Address _____

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

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 7-14-75.

[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 3-1-67 19 by Commercial Coal & Coke made to Consol. Gas Supply and recorded on the 21st day of April 1967, in Harrison County, Book 932 Page 161

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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

Address
of
Well Operator

Very truly yours, [Signature] Manager of Prod.
(Sign Name) _____ Well Operator

Consolidated Gas Supply Corporation
Street
1115 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 treating 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

HAR-885

PERMIT NUMBER

47 033

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 Company NAME R. E. Bayne
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.
 TELEPHONE - - TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 4350' ROTARY xxx 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.
x20 - 16 "	20'	20'	To surface
xxxxx10 11"	250'	250'	To surface
9 - 5/8			
8 - 5/8	1700'	1700'	85 Bags
7			
5 1/2			
4 1/2	4350'	4350'	125 Bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 75' FEET SALT WATER None FEET
 APPROXIMATE COAL DEPTHS None
 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