

J. SMITH
132.55

A.L. McWHORTER

APPALACHIAN ROYALTIES INC.
99% OF 166.67

J. FREEMAN
935

Minimum Error of Closure 1' = 200'
 Source of Elevation LEVELS from CONSOLIDATED GAS SUPPLY CORP. PLUG WELL 10568 El. 1293'
 "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 Hole
 Amendment

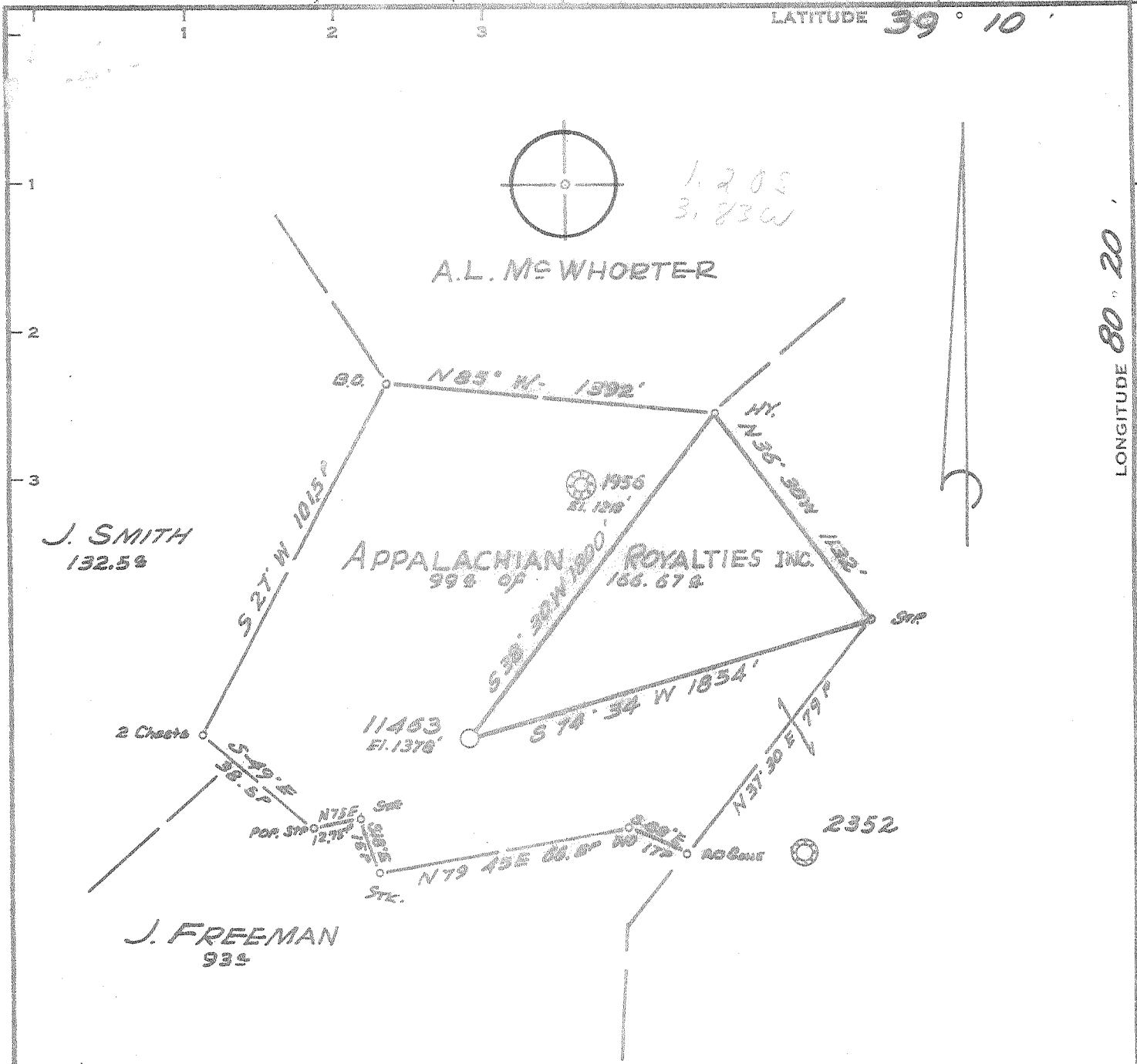
issued 7/13/72
 MAP SHEET 56-57 S22 E11 FB1616 PG 30-31

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, WVA.
 Farm APPALACHIAN ROYALTIES INC.
 Tract _____ Acres 166.67 Lease No. 72051
 Well (Farm) No. _____ Serial No. 11463
 Elevation (Spirit Level) 1378'
 Quadrangle WESTON, WVA. CC
 County HARRISON District GRANT
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 3-16-72 Scale 1" = 40 FEET

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

WELL LOCATION MAP
 FILE NO. Har-614-P

+ 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.



Minimum Error of Closure 1' = 200'
 Source of Elevation LEVELS FROM CONSOLIDATED GAS SUPPLY COMPANY PLUG WELL 10368 EL 1293'

"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 56-57 S22 E11 FB 116 PG 30-31

Company CONSOLIDATED GAS SUPPLY CO.
 Address CLARKSBURG, WVA.
 Farm APPALACHIAN ROYALTIES INC.
 Tract _____ Acres 166.67 Lease No. 72081
 Well (Farm) No. _____ Serial No. 11463
 Elevation (Spirit Level) 1378'
 Quadrangle WESTON, WVA. (CC)
 County HARRISON District GRANT
 Engineer JACKSON M. JARVIS
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 3-16-72 Scale 1" = 40 FEET

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

WELL LOCATION MAP
 FILE NO. How-614

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

RECEIVED

JUL 19 1972

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle WESTON

Permit No. HAR-511

Rotary XX Oil _____
Cable _____ Gas Dry C. Well _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ Dry
(Kind)

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Appalachian Royalties, Incores 166.67
Location (waters) Duck Creek
Well No. 11153 Elev. 1378'
District Grant 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. 13-10X	337	337	To surface
9 5/8			
8 5/8	2206	2206	To surface
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Address _____
Mineral rights are owned by _____
Address _____

Drilling Commenced 7-3-72
Drilling Completed 7-13-72

Initial open flow Dry cu. ft. _____ bbls.
Final production Dry cu. ft. per day _____ bbls.

Well open _____ hrs. before test _____ RP.
Well treatment details: _____

Attach copy of cementing record.

Not treated

Coal was encountered at See log Feet _____ Inches _____
Fresh water 600' Feet _____ Salt Water _____ Feet _____
Producing Sand No gas in any formation Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
le & Red Rock			0	407		
l			407	410		
d & Shale			410	590		
l			590	595		
d & Shale			595	855	Water	600'
l			855	858		
d & Shale			858	1555		
ttle Lime			1555	1570		
ale			1570	1598		
g Lime			1598	1660		
r Injun			1660	1765		
d & Shale			1765	2095		
Sand			2095	2150		
d & Shale			2150	2505		
n Sand			2505	2525		
d & Shale			2525	4541		
NSON			4541	4565	No gas in Benson	
tal Depth				4660'		

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

(over)

* Indicates Electric Log tops in the remarks section.

JUL 31 1972

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

RECEIVED

JUL 19 1972

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

<p>No Operations</p> <p>COAL OPERATOR OR OWNER</p> <hr/> <p>ADDRESS</p> <p>Union National Bank, Trustee</p> <p>COAL OPERATOR OR OWNER</p> <p>Clarksburg, W. Va.</p> <p>ADDRESS</p> <p>Virginia Allen</p> <p>LEASE OR PROPERTY OWNER</p> <p>Clarksburg, W. Va.</p> <p>ADDRESS</p>	<p>Consolidated Gas Supply Corporation</p> <p>NAME OF WELL OPERATOR</p> <p>Clarksburg, W. Va.</p> <p>COMPLETE ADDRESS</p> <p>July 11, 1972</p> <p>WELL AND LOCATION</p> <p>Grant, District</p> <p>Harrison, County</p> <p>Well No. 11463</p> <p>Appalachian Royalties, Inc. Farm</p>
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STATE INSPECTOR SUPERVISING PLUGGING..... Mr. Bill Blosser

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Harrison } ss:

G. R. McManus and Elmer E. Byers
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidated Gas Supply Corp., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 13th day of July, 1972, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSS PULLED	CSS LEFT IN
	Aquagel 1460' to 1450'			
	Cement 1450' to 1400'			
	Aquagel 1400' to 3350'			
	Cement 3350' to 3300'			
	Aquagel 3300' to 2575'			
	Cement 2575' to 2475'			
	Aquagel 2475' to 2287'			
	Cement 2287' to 2087'			
	Aquagel 2087' to Surface			
	This well is plugged temporarily from 2087'. In the near future it will be reopened for use as a storage well.			
COAL SEAMS		DESCRIPTION OF MONUMENT		
(NAME)		Partial plugging - No monument		
(NAME)				
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 14 day of July, 1972.

And further deponents saith not.

Sworn to and subscribed before me this 14 day of July, 1972.

G. R. McManus
Elmer E. Byers
Walter L. White

My commission expires:

March 13, 1980

Notary Public.

Permit No. HAR-614-~~17~~ C. 1017



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
MAY 31 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 May 30, 1972
Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Appalachian Royalties Acres 166.67
Location (waters) Duck Creek
Well No. 11463 Elevation 1378'
District Grant, County Harrison
Quadrangle WESTON

Surface Owner Virginia Allen
Address Rt. #1, Clarksburg, W. Va.
Mineral Owner Union National Bank, Trustee
Address P. O. Box 1450, Clarksburg, W. Va.
Coal Owner No coal
Address _____
Coal Operator None
Address _____

INSPECTOR TO BE NOTIFIED Mr. Wm. Blosser
Box 24 Fairmont
Calfax, W. Va. PH: 363-9105
24546

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 Sept. 30, 1972
Robert L. Todd
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 7-27-62 19 by Appalachian Royalties, Inc made to Hope Natural Gas Co. and recorded on the 17th day of October 1962 in Harrison County, Book 868 Page 167
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 _____ 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. C. Bayner Manager of Prod.
Well Operator

Address
of
Well Operator

Consolidated Gas Supply Corporation
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

Mar-614 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: 4640' 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 - XX	20'	20'	To surface
13 - XX	350'	350'	To surface
9 - 5/8			
8 - 5/8	2180'	2180'	To surface
7			
5 1/2			
4 1/2	4640'	4640'	125 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 175 FEET SALT WATER None FEET
 APPROXIMATE COAL DEPTHS Below all coal
 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