

Minimum Error of Closure 1' IN 200'
 Source of Elevation ROAD FORK ELEVATION - 783'

"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."

- FRACTURE...
- New Location...
- Drill Deeper...
- Abandonment...
- Partial Plugging 2/17/69

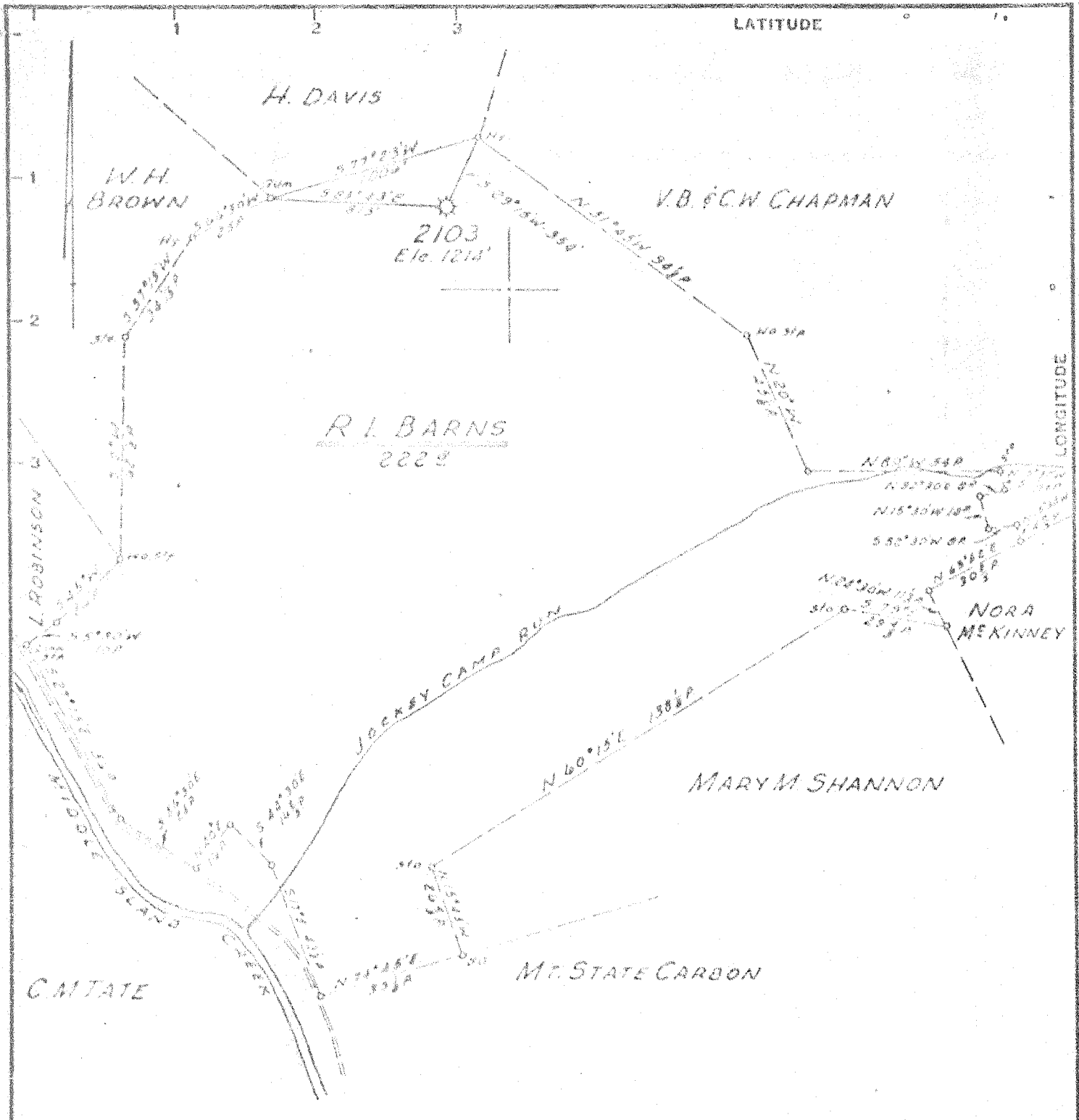
MAP SHT. 60, SQ. 510-WB, FB. 1216 P. 22-23.

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, WEST VIRGINIA
 Farm R.L. BARNES
 Tract _____ Acres 222 Lease No. 4865
 Well (Farm) No. _____ Serial No. 2103
 Elevation (Spirit Level) 1214'
 Quadrangle CENTERPOINT SW
 County DODDRIDGE District WEST UNION
 Engineer Jackson M. Lewis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date JAN. 20, 1969 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. Dodd-1214-APP
TRANS. TO DOD-30-FRAC.
2402

+ 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 $1/1000'$
 Source of Elevation ROAD FORK ELEVATION 783'
 "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."

- FRACTURE
- New Location
- Drill Deeper
- Abandonment

MAP SHEET 60 SQ 510-W8 FB 1216 P 22-23

Company CONSOLIDATED GAS SUPPLY CO.
 Address CLARKSBURG, WEST VIRGINIA
 Farm R.L. BARNES
 Tract _____ Acres 222 Lease No. 2809
 Well (Farm) No. _____ Serial No. 2103
 Elevation (Spirit Level) 1214'
 Quadrangle CENTERPOINT
 County BOYD District WEST VIRGINIA
 Engineer Richard M. Newell
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 10/20/1939 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. Dodd -30 F

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Trans. to Dod-30-Frac.

Quadrangle CENTERTPOINT

WELL RECORD

Permit No. Dodd-1211-PP

Oil or Gas Well **Gas**
(KIND)

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm R. L. Barnes Acres 222
Location (waters) _____
Well No. 2103 Elev. 1214'
District West Union County Doddridge
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 1-2-11
Drilling completed 3-28-11
Date Shot 8-16-13 From Injun & Gordon
With 90 Qts

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	320	None	Size of
8 1/4	1220	1220	
6 3/4	2060	2060	Depth set
5 3/16	2135	2135	
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow 1/10ths Water in Inch _____
1/10ths Merc. in Inch _____
Volume Will Frac to increase Prod. Cu. Ft. _____
Rock Pressure Not taken lbs. _____ hrs. _____
oil None bbls., 1st 24 hrs. _____
WELL ACIDIZED (DETAILS) No
WELL FRACTURED (DETAILS) Will Frac

Attach copy of cementing record.
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) No Cementing
Name of Service Co. _____
COAL WAS ENCOUNTERED AT 700 FEET 60 INCHES
FEET _____ INCHES FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) _____

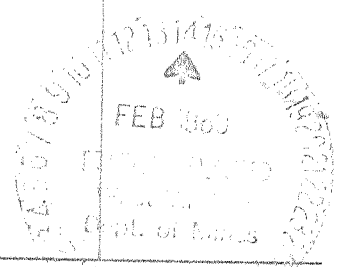
ROCK PRESSURE AFTER TREATMENT _____ HOURS _____

Fresh Water None Feet _____ Salt Water 1180' Feet _____
Production Sand Injun & Gordon - Will plug Gordon & Frac Injun Depth See Log

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Pittsburgh Coal			700	705			
Dunkard			1100	1230			
Salt Sand			1410	1835	Water	1180'	
Maxton Sand			1910	1925			
INJUN SAND			2085	2185			
Squaw			2185	2230	Gas	2118-26'	prod. intel.
Berea			2390	2410			
Fifty Foot			2590	2604			
Stray Sand			2781	2790			
GORDON SAND			2808	2814	Gas	2809'	
Total Depth				2850'			

Will abandon lower hole to 2235' & Frac Injun.

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



Well 2103
Permit DOD-30-FRAC
Farm R. L. Barnes
District West Union
County Doddridge
CP 7-21

Mr. Robert L. Dodd, Deputy Director
State of West Virginia
Department of Mines
Oil and Gas Division
Charleston, West Virginia 25301

Dear Sir:

The following information on the completion of the above mentioned well should be added to the completion report (Form OG-10) already on file in your office:

Ran 2237 feet of 3 1/2" tubing Big Injun
~~g.~~ Perforated from 2194
to 2150 with 16 holes and fractured 2-27-69 with
500 Gal Acid, 800 bbls. water, 30,000# Sand and 1700 HHP

The final open flow was 146,000 146M cubic feet and the rock pressure was 255 pounds in 16 ~~g.~~/hours.

Very truly yours,

R. Bayne
Manager of Production

OWWO; No new footage drld



OCT 27 1969

4415

2-18-69 FMO 04934

SCHLUMBERGER

FORMATION DENSITY LOG
Gamma-Gamma

COUNTY FIELD or LOCATION WELL	COMPANY	COMPANY <u>CONSOLIDATED GAS SUPPLY</u>
		<u>CORPORATION</u>
		WELL <u>R.L. BARNES NO. 2103</u>
		FIELD _____
		COUNTY <u>DODDRIDGE</u> STATE <u>WEST VIRGINIA</u>
		Location: <u>CENTER POINT QUADRANGLE</u> <u>MAP NO. 60 S 10 W 8</u> <u>WEST UNION DISTRICT</u>
		Other Services: <u>GRN</u>
		Sec. _____ Twp. _____ Rge. _____

Permanent Datum: <u>GROUND LEVEL</u> ; Elev.: <u>2181</u>	Elev.: <u>K.B. N.A.</u>
Log Measured From <u>D.F.</u> , <u>2</u> Ft. Above Perm. Datum	<u>D.F. 2183</u>
Drilling Measured From <u>D.F.</u>	<u>G.L. 2181</u>

Date	2-18-69	2-20-69	
Run No.	ONE	TWO	
Type Log	FDL-GR	FDL-GR	
Depth—Driller	2850	2850	
Depth—Logger	2218	N.A.	
Bottom logged interval	2217	2300	
Top logged interval	SURFACE	2102	
Type fluid in hole	EMPTY	EMPTY	
Salinity, PPM Cl.			
Density			
Level			
Max rec. temp., deg F.	81	82	
Operating rig time	1 HOUR	1 HOUR	
Recorded by	SCHIEMAN	SCHIEMAN	
Witnessed by	RAGSDALE	YEDLOSKY	KAUSS

RUN No.	BORE-HOLE RECORD				CASING RECORD			
	Bit	From	To	Size	Wgt.	From	To	
ONE	5	2130	T.D.	5 1/2		SURFACE	2130	
TWO	5	2130	T.D.	5 1/2		SURFACE	2130	