

Minimum Error of Closure 1' IN 200'
 Source of Elevation ROAD FORK AT WAGONER HAYMOND FARM 1223'

"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."

- RE-DRILL
- New Location
- Drill Deeper
- Abandonment

Partial - 2-12-73
 MAP SHEET 56-524 E 14 F.B. 534 Pg. 26

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG W.VA.
 Farm SIDNEY COOKMAN
 Tract _____ Acres 174 Lease No. 8461
 Well (Farm) No. _____ Serial No. 1385 CW-415
 Elevation (Spirit Level) 1223'
 Quadrangle WESTON C
 County HARRISON District GRANT
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date JAN. 25, 1973 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. HAR-1909-A-PP

+ 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

WELL RECORD

Quadrangle Weston

Permit No. HAR-1909-Rec

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

Company <u>Consolidated Gas Supply Corp.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Clarksburg, WV</u>	Size			
Farm <u>Sidney Cookman</u> Acres <u>174</u>	20-16			
Location (waters) _____	Cond.			
Well No. <u>CW-415</u> Elev. <u>1223</u>	13-10"			
District <u>Grant</u> County <u>Harrison</u>	9 5/8			
The surface of tract is owned in fee by _____	8 5/8			
<u>Hartzel Messenger</u>	7			
Address <u>Jane Lew, WV</u>	5 1/2			
Mineral rights are owned by <u>Cora S. Coleman</u>	4 1/2	2250	2250	450 SKS
Address <u>Lost Creek, WV</u>	3			
Drilling Commenced <u>3-21-73</u>	2			
Drilling Completed <u>3-26-73</u>	Liners Used			
Initial open flow _____ cu. ft. _____ bbls.				
Final production _____ cu. ft. per day _____ bbls.				
Well open <u>16 days</u> hrs before test <u>16#</u> RP.				

Well treatment details:

Attach copy of cementing record.

*Reconditioned for Lost Creek Storage.

Coal was encountered at _____ Feet _____ Inches
 Fresh water _____ Feet _____ Salt Water _____ Feet _____
 Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Big Lime			1343	1418		
Big Injun			1418	1523		
<u>Gantz</u>			1696	1726	Gas 1511-21	
Gantz "A"			1745	1765	Gas 1707-26	
50'			1786	1879		
30'			1906	1936		
Total Depth				2255		

(over)

* Indicates Electric Log tops in the remarks section.



Minimum Error of Closure 1' IN 200'
 Source of Elevation ROAD FORK AT WAGNER HAYMOND FARM 1223'
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- Re-Direct
- New Location
- Drill Deeper
- Abandonment

Partial - 2-12-93

MAP SHEET 56-524 E14 FB 534 Pg 26

Company CONSOLIDATED GAS SUPPLY CORP
 Address CLARKSBURG WVA
 Farm SIDNEY COOKMAN
 Tract Acres 174 Lease No. 8461
 Well (Farm) No. 1325 Serial No. CW-415
 Elevation (Spirit Level) 1223'
 Quadrangle WESTON

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

WELL LOCATION MAP
 FILE NO HAR-1909-A-PP

WELL NO. 1144 NAME *Williams Creek*

LEASE NO. 1167 AC RECORD

CW-415

DATE ACQUIRED
 DATE COMPLETED
 DATE TURNED ON
 DATE DISCONNECTED
 DATE RECONNECTED
 DATE PURCHASED
 DATE PLUGGED
 DATE ABANDONED
 ELEVATION *12-3'*

DEPTH	13 ft
DEPTH TO TOP OF	155
DEPTH TO BOTTOM	170
DEPTH TO WATER	175
DEPTH TO OIL	182
DEPTH TO GAS	190
DEPTH TO SAND	205
DEPTH TO GRAVEL	224
DEPTH TO BEDROCK	2280
DEPTH TO PLUG	2295
DEPTH TO CEMENT	2160
DEPTH TO SAND	2000
DEPTH TO GRAVEL	1440

VOLUME AND PRESSURE TESTS

DATE	TIME	READING	LIQUID	DEPTH	1 MIN	5 MIN	10 MIN	30 MIN
Oct 2	1904	1/0	Water	2'				
21		1/0		4'				
Nov 2		3 1/0		4'				
27		1/0		6 1/2'	15	90	150	300
								500
					2	20		20
Dec 9	1905				5	25	40	85
Aug 2	1905							5
						15		110
Dec 4	1940	30/10		1' 1/2"	1	10	20	60

RES 174 N S. 31 E 11 W DISTRICT ^{Buffalo} CANNING AND TUBING

DATE	WATER AT	FORESH AIT	DEPTH WELL	DEPTH BUFFER	DEPTH Casing	Top	Bottom
1105			240	125			
			136				
			1635				

SHOOTING

DATE	QTS.	SAND	VOLUME BEFORE	VOLUME AFTER
11 1 51	100	1H	380,160	1160,000

PACKERS

EC MIN.	ROCK	VOLUME	SAND	SIZE	MAKE	SET AT
365	1100	1,224,412	sturdy	8x10	BH	
		105,112	sturdy	6x8		
		473,168	sturdy	2x2		
		1,120,000		2x2		
				2x2		
				2x2		
						1929

INITIAL OIL PRODUCTION

DATE	BARRELS	SAND

105,112
473,168
1,120,000
365 1100 1,224,412
365 1100 1,224,412
365 1100 1,224,412
365 1100 1,224,412
365 1100 1,224,412
365 1100 1,224,412
365 1100 1,224,412
365 1100 1,224,412
365 1100 1,224,412

ESTIMATED T BEL WELL

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

INSPECTOR'S WELL REPORT

HA-1909-A.P.P.

Oil or Gas Well

<i>Consolidated Gas Supply Co.</i>		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<i>CHALKSBURY -</i>					
<i>Sidney Cookman</i>		Size			Kind of Packer
<i>C.W. 415</i>		16			
<i>GRANT</i> County <i>HARRISON</i>		13			Size of
Work commenced		10			Depth set
Work completed		6 1/2			Depth set
Total depth <i>1450'</i>		5 3/16			Perf top
Depth of shot		3			Perf bottom
Open flow		2			Perf top
/10ths Water in		Liters Used			Perf bottom
Inch					
Flow after tubing					
/10ths Merc in					
Inch					
Cu Ft		CASING CEMENTED	SIZE	No FT	Date
lbs		NAME OF SERVICE COMPANY			
hrs		COAL WAS ENCOUNTERED AT			
bbls, 1st 21 lbs		FEET	INCHES	FEET	INCHES
water		FEET	INCHES	FEET	INCHES
feet		FEET	INCHES	FEET	INCHES
feet		FEET	INCHES	FEET	INCHES

Inspector's Name

Contractor: DELTA Drilling Co. Rotary

MARCH 23 1973

William J. Blaine
 DISTRICT WELL INSPECTOR

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

RECEIVED

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Hol. 1769 A. 22.

Oil or Gas Well _____
KIND

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Consolidated Gas Supply Co.</u>				
Address <u>MARK 36019</u>	Size			
Farm <u>SIDNEY COOKMAN</u>	16			Kind of Packer
Well No. <u>C.W. 415</u>	13			
District <u>GRANT</u> Count <u>HARRISON</u>	10			Size of
Drilling commenced	7' 800' C+S			Depth set
Drilling completed <u>Completed.</u> Total depth <u>2255'</u>	5 3/16			
Date shut <u>Completed.</u> Depth of shut	4 1/2 2250' C-E-M			Perf. top <u>250 SK. CEM.</u>
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom <u>300 SK. ANTR.</u>
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu Ft				Perf. bottom _____
Rock pressure _____ lbs _____ hrs	CASING CEMENTED _____ SIZE _____ No. FT _____ Date _____			
Oil _____ lbs., 1st 24 hrs	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES FEET _____ INCHES			

Drillers' Names _____

Remarks _____

Contractor - DELTA Drilling Co.

March 1923
DAYS

William J. Brown
INSPECTOR OF OIL AND GAS WELLS



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

March 24, 1975

JOHN ASHCRAFT
Director

ROBERT L. DODD
Deputy Director

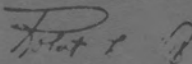
Paul Garrett
321 Beech St.
Clarksburg, W.Va.

PERMIT	HAR-1909-A-PP
COMPANY	Consolidated Gas Supply
FARM	Sidney Cookman
WELL NO	CW-415
DISTRICT	Grant
COUNTY	Harrison

Dear Sir:

Please make a final inspection of the well described above.

Very truly yours,


Robert L. Dodd

RLD/ cc

P.S. This well was not Partial Plunged just cleaned out for Storage...

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

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

Quadrangle Reston
 Permit No. HAR-1009-Rec

Company <u>Consolidated Gas Supply Corp.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Clarksburg, WV</u>				
Farm <u>Sidney Cookman</u> Acres <u>17 1/2</u>				
Location (waters) _____	Size			
Well No. <u>CW-415</u> Elev. <u>1223</u>	<u>20 1/2</u>			
District <u>Grant</u> County <u>Harrison</u>	Cond			
The surface of tract is owned in fee by _____	<u>13 10'</u>			
<u>Hartzel Messenger</u>	<u>9 5 8</u>			
Address <u>Jane Lew, WV</u>	<u>8 5 8</u>			
Mineral rights are owned by <u>Cora G. Tolman</u>	<u>7</u>			
Address <u>Lost Creek, WV</u>	<u>5 1 2</u>			
Drilling Commenced <u>3-21-73</u>	<u>4 1 2</u>	<u>2250</u>	<u>2250</u>	<u>450 SKS</u>
Drilling Completed <u>3-26-73</u>	<u>3</u>			
Initial open flow _____ cu. ft. _____ bbls	<u>2</u>			
Final production _____ cu. ft. per day _____ bbls	Liners Used			
Well open <u>16 days</u> <u>88%</u> before test <u>10#</u> RP				
Well treatment details _____				

Attach copy of cementing record.

*Reconditions for Lost Creek Storage.

Coal was encountered at _____ Feet _____ Inches
 Fresh water _____ Feet _____ Salt Water _____ Feet
 Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Big Lime			1343	1418		
Big Injun			1418	1523	Gas 1511-21	
Gantz			1696	1726	Gas 1707-2'	
Gantz "A"			1745	1765		
50'			1786	1879		
30'			1906	1936		
Total Depth				2255		