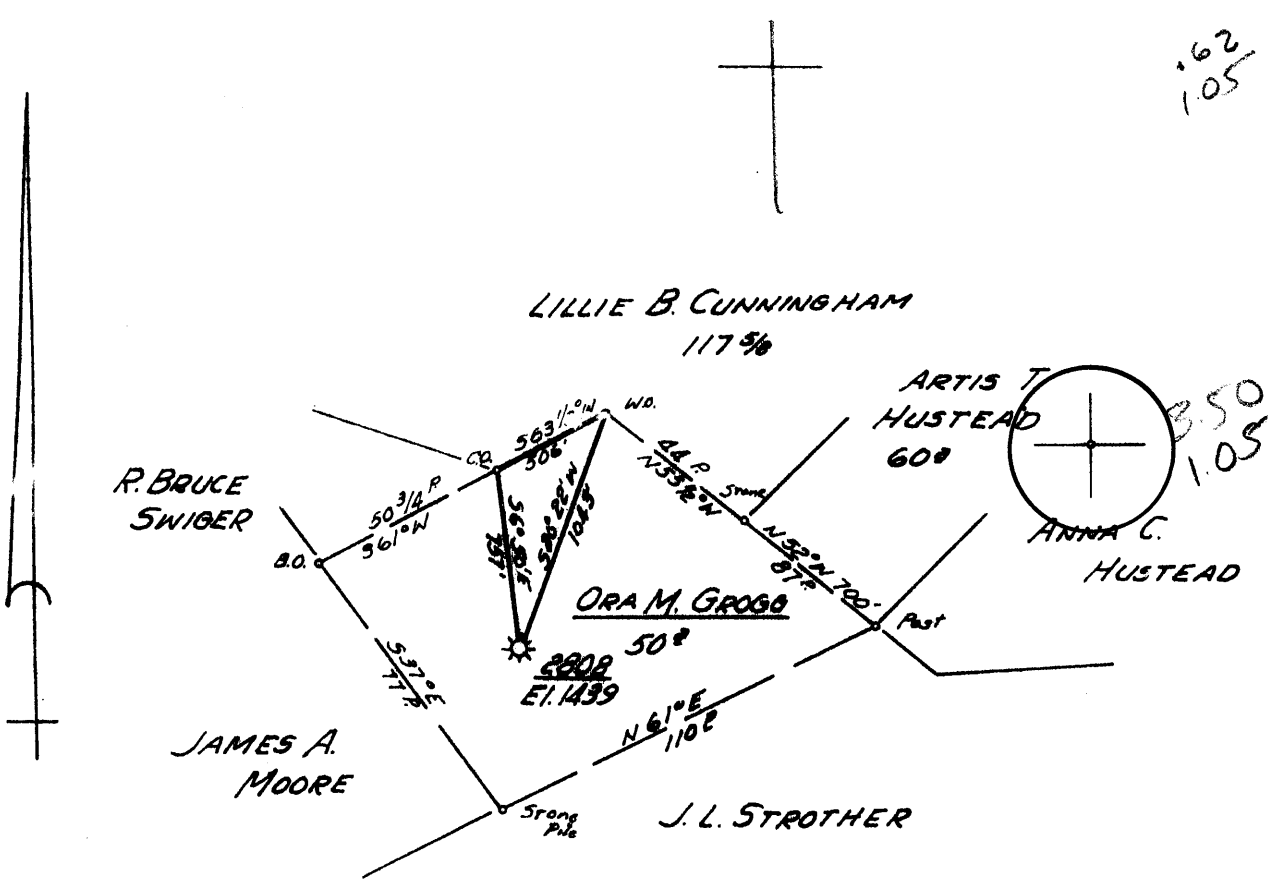


2230

LONGITUDE 80° 25'

18800'



Minimum Error of Closure 1' IN 200'
 Source of Elevation ROAD FORK ELEVATION FLAG RUN ROAD 1218'
 "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."

Partial Plug...
 FRACTURE issued 8/15/73
 New Location
 Drill Deeper
 Abandonment issued 9/25/73

MAP SHEET 44-57 E 10 FB. 515 Pg. 40

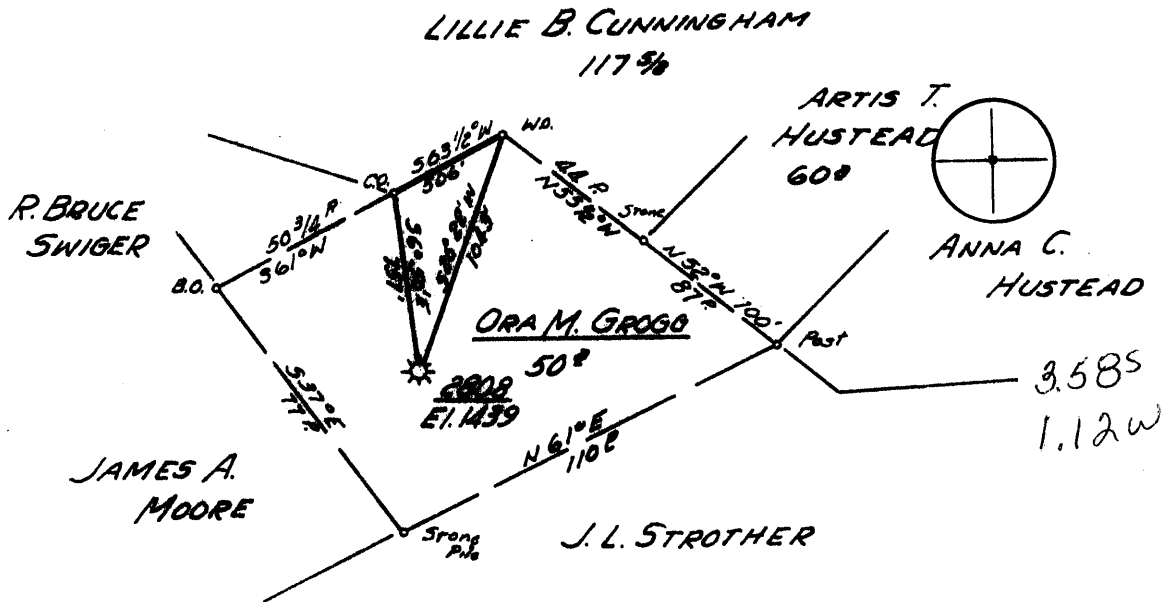
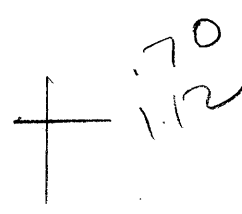
Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG W. VA.
 Farm ORA M. GROGG
 Tract _____ Acres 50 Lease No. 14879
 Well (Farm) No. _____ Serial No. 2808
 Elevation (Spirit Level) 1439'
 Quadrangle CLARKSBURG WC
 County HARRISON District SARDIS
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 8-19-73 Scale 1" = 800'

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

WELL LOCATION MAP
 FILE NO. Hex-1928-A
to Hex-26-Struc & Fracture Correl

+ 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.

47-033



Minimum Error of Closure 1' IN 200'
 Source of Elevation ROAD FORK ELEVATION FLAG RUN ROAD 1218'
 "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."

- Partial Plug...
- FRACTURE
- New Location
- Drill Deeper
- Abandonment

issued 8/15/73

MAP SHEET 44-57 E 10 F.B. 515 Pg. 40

Company CONSOLIDATED GAS SUPPLY CORP
 Address CLARKSBURG W. VA.
 Farm ORA M. GROGG
 Tract _____ Acres 50 Lease No. 14879
 Well (Farm) No. _____ Serial No. 2808
 Elevation (Spirit Level) 1439'
 Quadrangle CLARKSBURG we wd
 County HARRISON District SARDIS
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 8-13-73 Scale 1" = 800'

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

WELL LOCATION MAP

FILE NO. 1928A
Mar-1925-A-PP Inva.
to Mar-26-Inva.

+ 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.

47-033

DRILLER'S RECORD

Previously Requested, but NOT
AVAILABLE

DATE: _____

<u>033</u> COUNTY	<u>26F</u> PERMIT
----------------------	----------------------

ID: COUNTY: 033 (HARRISON) PERMIT: 26F SFX: 0 (New Location) REASSIGNED ID #: ()

COMPLETION INFO: ELEVATION: 1439 COMP REC FLAG: (not@DOE/OGIS) * LOCATION TAX DST: 7 (Sardis)
 ELEVATION TYPE: G RIG TYPE: 0 * INFO: DEGREES MINUTES MILES
 (Ground Lvl) (unknown) * 7.5' LATITUDE: 00 00.0 0.00S
 * LONGITUDE: 00 00.0 0.00W
 * QUADRANGLE: (?)
 CLASSIFICATION: DATES: MM/DD/YYYY * * * * *
 INITIAL: (unclassified) SPUD: 12/05/1912 WELL TYPE: B * * * * *
 FINAL: (unclassified) COMP: 03/27/1913 (Dry w/ Gas Show) * * * * *
 FIELD: 000 BATCH: / / CMPL METH: 1 * * * * *
 (Unnamed) YEAR RPTD: (Nat/Open H) * * * * *
 OPEN GAS-BEFORE TREATMENT: (MCFPD) OIL-BEFORE TREATMENT: (BOPD) * * * * *
 FLOW: GAS-AFTER TREATMENT: (MCFPD) OIL-AFTER TREATMENT: (BOPD) * * * * *
 * UTM: EASTING: 548458.1 NORTHING: 4357194.0
 * COORDINATE DIGITIZED (Y/N): N
 * * * * *
 * OWNER STATUS: C (Cmplt'd) DATE: 03/27/1913
 * INFO: SURFACE OWNER: Ora M Gross
 * OIL&GAS OWNER:
 * COMPANY NUMBER: (2808)
 * OPERATOR: 0179 (Consol Gas Sup)
 * * * * *

ROCK NATURAL (PSI): 0 TIME (NATURAL, IN HOURS): 0
 PRESSURE: TREATED (PSI): 0 TIME (TREATED, IN HOURS): 0

DEPTHS: TOTAL FTG: 2814 NEW FTG: 2814 EXPL FTG: 0

DEEPEST FM: AT TOTAL DEPTH: 421 TESTED: 999
 (Fourth) (undetermined unit)

PAYS INFO:

ACTIVITY	PRODUCT	TOP FORMATION	INTERVALS:		BOTTOM FORMATION	VOLUMES:	
			TOP	BTM		BEFORE	AFTER
(S) Show	Gas (2)	()	0 -	2035	Bis Injun (Grnbr) (365)	0	0
(S) Show	Gas (2)	()	0 -	2507	Thirty-foot (416)	0	0
(S) Show	Gas (2)	()	0 -	2765	Gordon (419)	0	0

STRAT INFO:

FORMATION	FM QUALITY	DEPTH	DEPTH QLTY	THCKNS	THCKNS QLTY	ELEV	ELEVATION TYPE
Pittsburgh Coal (229)	-	572	-	9	-	1439	G (Ground Lvl)
Buffalo Ss/Lit Dnkrd (245)	-	1085	-	75	-	1439	G (Ground Lvl)
Salt Sands (285)	-	1351	-	71	-	1439	G (Ground Lvl)
Maxton (325)	-	1801	-	94	-	1439	G (Ground Lvl)
Bis Lime (345)	-	1895	-	68	-	1439	G (Ground Lvl)
Bis Injun (Grnbr) (365)	-	1963	-	75	-	1439	G (Ground Lvl)
Berea Ss (395)	-	2276	-	27	-	1439	G (Ground Lvl)
Gantz (413)	-	2340	-	25	-	1439	G (Ground Lvl)
Fifty-foot (414)	-	2402	-	34	-	1439	G (Ground Lvl)
Thirty-foot (416)	-	2505	-	35	-	1439	G (Ground Lvl)
Gordon Stray (418)	-	2634	-	13	-	1439	G (Ground Lvl)
Gordon (419)	-	2679	-	107	-	1439	G (Ground Lvl)
Fourth (421)	-	2797	-	13	-	1439	G (Ground Lvl)

MECHANICAL LOG INFO: STATUS: RANGE OF INTERVALS: 0- 2070 DEEPEST FM LOGGED:
 LOGS AVAILABLE: GR,D,I,* MICROFILM ROLL NUMBER(S): 17
 COMMENT:
 LOG TYPES: GR-gamma ray; D-density; T-temperature; I-induction; N-neutron; S-sonic; *Other types not noted



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

RECEIVED
AUG 14 1973
OIL & GAS
DEPT. OF MINES

Quadrangle _____

Permit No. -- HAR-1928-A

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

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Ora M. Grogg Acres 50
Location (waters) _____
Well No. 2808 Elev. 1139'
District Sardis 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.			No cement
2 3/4"	587	587	
9 5/8			
8 5/8	1695	1695	
7	1936	1936	
5 1/2	2515	2515	
4 1/2			
3			
2			
Liners Used			

Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 12-5-12
Drilling Completed 3-27-13
Initial open flow Exhausted cu. ft. _____ bbls.
Final production -- cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Well treatment details:

Will frac to increase Prod.

Attach copy of cementing record.

Coal was encountered at 572 Feet 108" Inches
Fresh water None Feet _____ Salt Water None Feet _____
Producing Sand Will plug back & frac Injun Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Pittsburgh Coal			572	581		
Dunkard Sand			1085	1160		
Salt Sand			1351	1422		
Maxton Sand			1801-	1895		
Big Lime			1895	1963		
Big Injun			1963	2038	Gas	2035'
Berea			2276	2303		
Gantz			2340	2365		
50' Sand			2402	2436		
30' Sand			2505	2540	Gas	2507'
Stray			2634	2647		
Gordon			2679	2786	Gas	2765'
Fourth Sand			2797	2810		
Total Depth				2811'		

Consolidated Gas Supply Corporation
1115 West Main Street
Clarksburg, W. Va.

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
AUG 14 1973
OIL & GAS DIVISION

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE August 13, 1973

Surface Owner Not known
Address _____
Mineral Owner Earl McCarty
Address 111 W. Olive, Bridgeport, W. Va.
Coal Owner Same
Address _____
Coal Operator No Operations
Address _____

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Ora M. Grogg Acres 50
Location (waters) Issacs CK / Little Ten Mile Creek
Well No. 2808 Elevation 1439'
District Sardis County Harrison
Quadrangle Clarksburg

Mr. Wm.

INSPECTOR TO BE NOTIFIED Blosser
Box 1857 PH: Fairmont
Calday, W. Va. 363-9105
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 fracturing. This permit shall expire if
operations have not commenced by 12-17-73.

Robert L. Jones
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 4-10-09 19 by Ora M. Grogg made to Sheridan R. Griffin and recorded on the 20th day of June 19 09, in Harrison County, Book 183 Page 185

 NEW WELL DRILL DEEPER REDRILL XXX FRACTURE OR STIMULATE
 XXX 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) Robert B. Bagnall 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

Has-26-Tree PERMIT NUMBER
47-033

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

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN xxx FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Chisler Bros. NAME R. F. Bayne
 ADDRESS Pentress, W. Va. ADDRESS Bridgeport, W. Va.
 TELEPHONE _____ TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 2063' ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Injun
 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 - 10			
9 - 5/8			
8 - 5/8			
7			
5 1/2			
4 1/2	2063	2063	125 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS N.R. FEET SALT WATER N.R. FEET
 APPROXIMATE COAL DEPTHS 572'
 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