

Minimum Error of Closure 1' IN 200'

Source of Elevation U.E. TAKEN AT FORKS IN ROAD AT $\frac{28}{2}$ ON COTTAGEVILLE QUADRANGLE. ELEV. 971'

"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

9/5/75
 MAP 43W S 41 W 69 EB. 1737 Pgs 14-18

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, WEST VIRGINIA
 Farm W.B. BARNETT
 Tract Acres 438 Lease No. 54115
 Well (Farm) No. Serial No. 11905
 Elevation (Spind. Level) 903 SC
 Quadrangle RAVENSWOOD (SOUTH CENTRAL)
 County JACKSON District UNION
 Engineer *George J. Mason*
 Engineer's Registration No. 3628
 File No. Drawing No.
 Date 4/23/75 Scale 1"=1000'

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

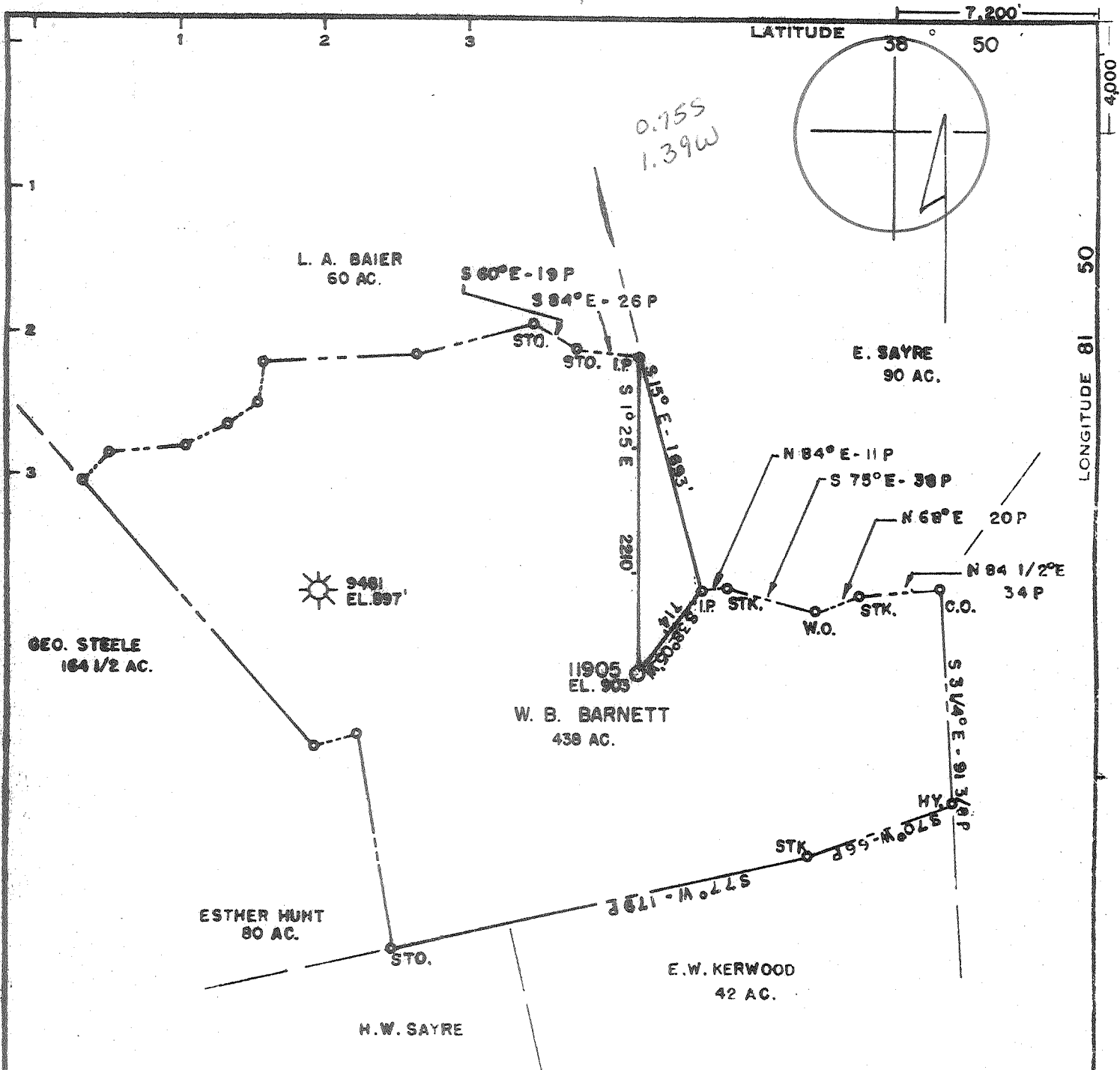
WELL LOCATION MAP
 FILE NO. JAC-1370-P

+ 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.

47-035 SEP 23 1975

Deep well 6883



Minimum Error of Closure 1" IN 200'

Source of Elevation U.E. TAKEN AT FORKS IN ROAD AT $\textcircled{28}$ ON
COTTAGEVILLE QUADRANGLE, ELEV. 971'

"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 X
 Drill Deeper
 Abandonment

MAP 43W S 41 W 69 FB 1737 Pgs 14-18

Company **CONSOLIDATED GAS SUPPLY CORP.**
 Address **CLARKSBURG, WEST VIRGINIA**
 Farm **W.B. BARNETT**
 Tract Acres **438** Lease No. **54115**
 Well (Farm) No. Serial No. **11905**
 Elevation (Spirit Level) **903** *SC*
 Quadrangle **RAVENSWOOD (SOUTH CENTRAL)**
 County **JACKSON** District **UNION**
 Engineer *George J. Brown*
 Engineer's Registration No. **3628**
 File No. Drawing No.
 Date **4/23/75** Scale **1" = 1000'**

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

WELL LOCATION MAP
 FILE NO. **JAC-1370**

— 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.

47-035 JUL 21 1975

2-0 Mt. Alto (158) Deep Well (Oriskany) 883



RECEIVED
SEP 15 1975

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle RAVENSWOOD

Permit No. JAC-1370-P

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

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm W. B. Barnett Acres 438
Location (waters) Grass Run/Cow Ck.
Well No. 11905 Elev. 903'
District Union County Jackson
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 10 1/2 16	30'	30'	To surface
Cond. 10 1/2 11"	36 1/2	36 1/2	To surface
9 5/8			
8 5/8	2442	2442	180 bags
7			
5 1/2			
4 1/2	4708	4708	180 bags
3			
2			
Liners Used			

Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 6-13-75
Drilling Completed 6-27-75
Initial open flow Show cu. ft. _____ bbls.
Final production Dry cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.
Well treatment details:
Not treated

Attach copy of cementing record.

Coal was encountered at None Feet _____ Inches _____
Fresh water 110 Feet _____ Salt Water 1740' Feet _____
Producing Sand All sands dry Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	430	Water	410'
Sand & Red Rock			990	1120	Water	1075' Damp
Sand & Shale			1120	1695		
Little Lime			1695	1715		
Big Lime			1715	1915	Water	1740' Salt
Shale			1915	2400		
Berea			2400	2422'	Water	1950' Salt
Sand & Shale			2422	4465		
Lime <u>Onondaga</u>			4465	4543	Gas show	4428
Oriskany			4543	4550'		
<u>Helderberg</u>			4550	4658		
Total Depth				4794'		

4465
903
3562

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

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
JUN 30 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 June 27, 1975

Surface Owner Emory Ramsey
Address Route #1, Cottageville, W. Va.
Mineral Owner Same
Address _____
Coal Owner None
Address _____
Coal Operator None
Address _____

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm W. B. Barnett Acres 438
Location (waters) Grass Run of Cow Creek
Well No. 11905 Elevation 903'
District Union County Jackson
Quadrangle RAVENSWOOD

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 11-1-75

INSPECTOR TO BE NOTIFIED Martin Nichols
PH: 548-6993 ADDRESS Clendenin, W. Va.

Robert H. ...
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 10-17-41 19 by W. B. Barnett made to Hope Natural Gas Co. and recorded on the 12 day of January 1942, in Jackson County, Book 57 Page 71

XXX 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, R. E. Bayne Manager of Prod.
(Sign Name) Well Operator

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

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.

Jac-1370 PERMIT NUMBER
47-035

BLANKET BOND

**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 Co. NAME R. E. Bayne
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.
 TELEPHONE _____ TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 4750' ROTARY XXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Oriskany
 TYPE OF WELL: OIL _____ GAS XXX 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	30'	30'	To surface
18 11"	250'	250'	To surface
9 - 5/8			
8 - 5/8	2550'	2550'	100 bags
7			
5 1/2			
4 1/2	4750'	4750'	150 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 65' 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