

0.27 W 8035
0.47 S 391230

Minimum Error of Closure 1" IN 200'
 Source of Elevation LEVELS FROM CONSOLIDATED GAS SUPPLY CORP. WELL 3141 E.N. 1157'
 "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 Plugging

Fracture case
 New Location
 Drill Deeper
 Abandonment

Issued 7-10-72 (Canc)
 issued 6/26/73
 MAP Sheet 38-517 E1 F.B. 1216, R 30

Company CONSOLIDATED GAS SUPPLY CORP
 Address CLARKSBURG, W.VA.
 Farm J.R. DENNISON
 Tract Acres 72 1/2 Lease No. 18472
 Well (Farm) No. 3469 Serial No. 3469
 Elevation (Spirit Level) 1157'
 Quadrangle VADIS NC
 County DOODRIDGE District GREENBRIER
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. Drawing No.
 Date 6-5-72 Scale 1" = 30 FEET

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 Now: Dodd-1736-DD
 WELL LOCATION MAP
 FILE NO. Dodd 1242(A) pp Can
Fractured to Had 52 In. Can
 + 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.
47-017



RECEIVED
JUL 10 1972

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle VADIS
Permit No. - - 2412

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

Company CONSOLIDATED GAS SUPPLY CORPORATION
Address CLARKSBURG, W. VA.
Farm J. R. Dennison Acres 72-1/2
Location (waters) Bonnets Fork
Well No. 3469 Elev. 1157'
District Greenbrier County Doddridge
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 1-17-74
Drilling Completed 7-21-74
Initial open flow - - cu. ft. _____ bbls.
Final production - - cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			No cementing
Cond. 10 "	1113'	None	
9 5/8	1767'	None	
8 5/8			
7	2175'	2175'	
5 1/2	2711	2711	
4 1/2			
3			
2	2875	None	
Liners Used			

Well treatment details:

Attach copy of cementing record.

Old well exhausted - Will frac to increase production

Coal was encountered at 742' Feet 60 inches
Fresh water None recorded Feet _____ Salt Water None Feet _____
Producing Sand Gordon exhausted - will frac Injun Depth 2155-2252'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Pittsburgh Coal			742	747		
Dunkard Sand			1100	1233		
Salt Sand			1602	1743		
Injun Sand			2155	2252	Gas	2217'
Gantz			2509	2532		
50' Sand			2596	2635		
30' Sand			2707'	2737	Gas	2729'
Stray Sand			2792	2809		
Gordon Sand			2820	2852	Gas	2828-2835'
Total Depth				3103'		
Plugged back in 1943 to				2850'	Present T. D.	

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

Oil and Gas Division

WELL RECORD

Quadrangle Holbrook
Permit No. DOD-1736 DD

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

Company Consolidated Gas Supply Corp.
Address Clarksburg, WV
Farm J. R. Dennison Acres 72.50
Location (waters) Johnson Fork
Well No. 3469 Elev. 1157
District Greenbrier County Doddridge
The surface of tract is owned in fee by _____
H. R. Amos
Address Clarksburg, WV
Mineral rights are owned by A. E. Dennison, Agt.
Address LaRue, Ohio
Drilling Commenced 6-21-73
Drilling Completed 8- 3-73
Initial open flow _____ cu. ft. _____ bbls.
Final production 6 M cu. ft. per day 10 bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2	5125	5125	300 SKS
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Frac. 9-8-73 with 1555 bbl. water, 112,000# 20-40 sand. Perforations: 5010-15
20 holes; 3870-2876 18 holes; 3610-20 12 holes; 3444-48 8 holes. *E. Benson*
Benson sand would not fracture. Est. 10 bbl. oil per day.

Coal was encountered at 742 Feet 60 Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand U. Speechley 3610-20; Balltown 3870-76 Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Pittsburgh coal			742	747		
Dunkard			1100	1233		
Salt sand			1602	1743		
Injun			2155	2252	Gas 2217	
Gantz			2509	2532		
50'			2596	2635		
30'			2707	2737	Gas 2729	
Stray			2792	2809	Gas 2796	
Gordon			2820	2852		
Orig. T.D.		<u>below Fifth sd</u>		3103		
Electric Log						
<u>Stray Sand</u>			3446	3450		
<u>U. Speechley</u>			3612	3622	Gas 3612-15, 3618-22	} <i>Speechley + Balltown are new deeper pays</i>
<u>Speechley</u>			3709	3717		
<u>Balltown</u>			3870	3887	Gas 3869-76	
<u>Benson</u>			5009	5017	Gas 5016	
Total Depth				5154		

*5154
3103
2051 new ft.
All explor.*

(over)

* Indicates Electric Log tops in the remarks section.

1673-D Benson disc 2 mi to NE
1750 Benson Ext to 1673-D

FEB 26 1975



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
JUL 10 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 July 6, 1972

Surface Owner No operations

Company Consolidated Gas Supply Corporation

Address _____

Address Clarksburg, W. Va.

Mineral Owner Arthur E. Dennison, Agt.

Farm J. R. Dennison Acres 72 1/2

Address Route #2, LaRue, Ohio

Location (waters) Bonnets Fork

Coal Owner Same

Well No. 3469 Elevation 1157'

Address _____

District Greenbrier County Doddridge

Coal Operator None

Quadrangle VADIS

Address _____

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 11-10-72

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Bill Blosser
Colfax, W. Va. PH: 363-9105

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 12-17-09 19 by J. R. Dennison made to Hope Natural Gas Company and recorded on the 10th day of March 1970, in Doddridge County, Book Page

 NEW WELL DRILL DEEPER REDRILL XX 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) *[Signature]* Mer. 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

DOD-52-FRAC. PERMIT NUMBER
Transferred from DOD-1242-PP (A)

[Handwritten signature]

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

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN XX FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME B. & S. Drilling NAME R. E. Bayne
 ADDRESS Brohard, W. Va. ADDRESS Bridgeport, W. Va.
 TELEPHONE - - TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 2350' ROTARY _____ CABLE TOOLS XX
 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	2350'	2350'	100 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS None FEET _____ SALT WATER None FEET _____
 APPROXIMATE COAL DEPTHS 712' _____
 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



RECEIVED

JUN 22 1973

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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 20, 1973

Surface Owner No operations

Company CONSOLIDATED GAS SUPPLY CORPORATION

Address _____

Address Clarksburg, W. Va.

Mineral Owner Arthur E. Dennison, Agt.

Farm J. R. Dennison Acres 72 1/2

Address Rt. #2, La Rue, Ohio

Location (waters) Johnson 7 h. of Meathouse Fl.

Coal Owner same

Well No. 3469 Elevation 1157

Address _____

District Greenbrier County Doddridge

Coal Operator none

Quadrangle HOLBROOK

Address _____

See Permit No. Dodd-1242-PP - Conc.
Dodd-52-Frac - Conc.

DRILL DEEPER

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 deepening. This permit shall expire if operations have not commenced by 10-26-73.

INSPECTOR TO BE NOTIFIED Blosser
Box 1857 PH: Fairmont
Calfax, W. Va. 363-9105
GENTLEMEN: 26566

Deputy Director - Oil & Gas Division

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 12-17 1909 by J. R. Dennison made to Lepe. Nat Gas Co. and recorded on the 10th day of March 1910, in Doddridge County, Book _____ Page _____

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. E. Bayne 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

Dodd-1736-D.O. PERMIT NUMBER

47-017

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

PROPOSED WORK ORDER TO _____ DRILL XX DEEPEN _____ FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Chisler Brothers _____ NAME R. E. Bayne _____
 ADDRESS Pentress, W. Va. _____ ADDRESS Bridgeport, W. Va. _____
 TELEPHONE - - _____ TELEPHONE 623-3611 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 5150' _____ ROTARY _____ 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 - 16			
13 - 10			
9 - 5/8			
8 - 5/8			
7			
5 1/2			
4 1/2	5150'	5150'	125 Bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS None 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:

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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.

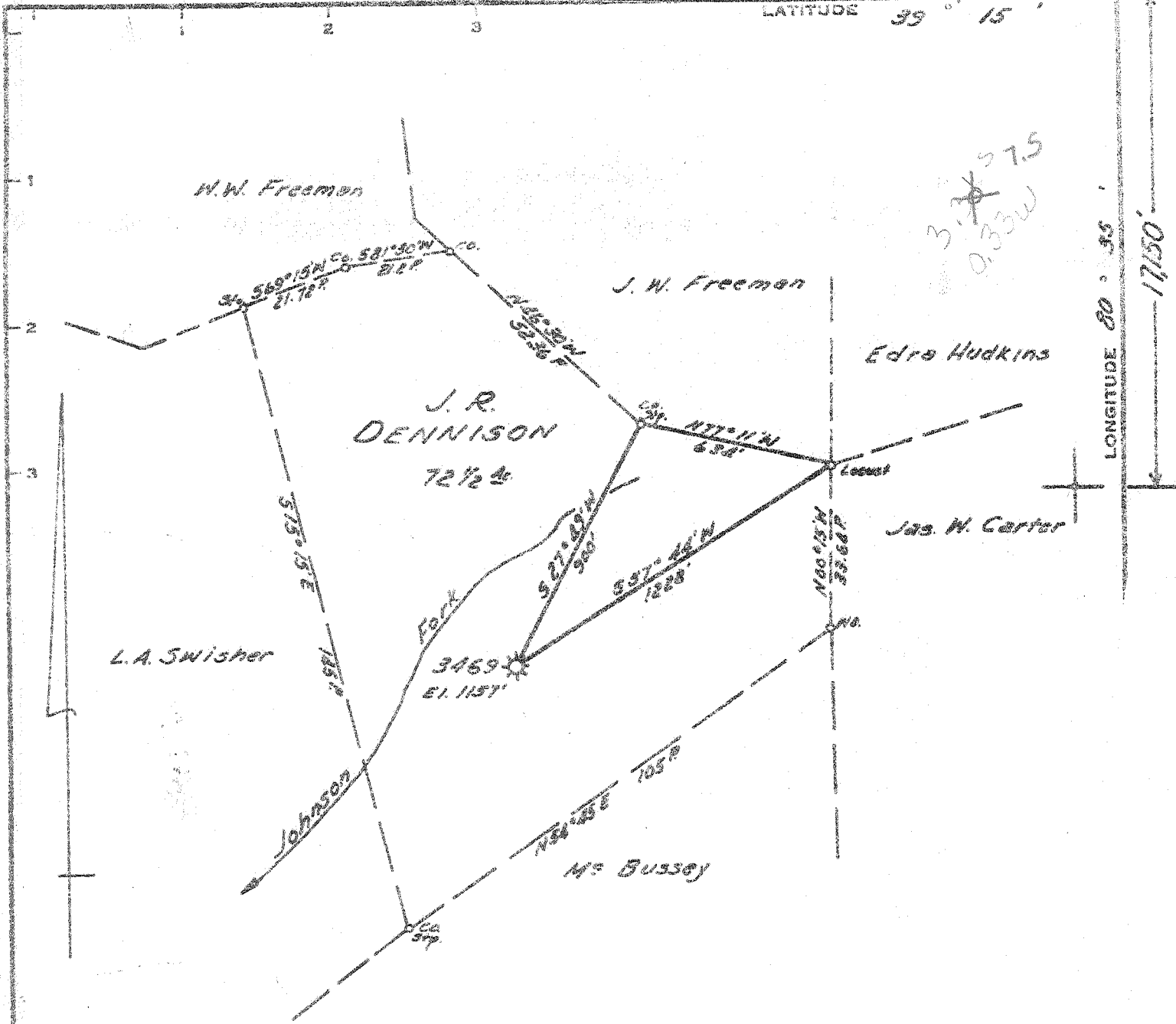
The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

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



LONGITUDE 80° 35' 17.50'

3.75
0.33W

Minimum Error of Closure 1" IN 200'
 Source of Elevation LEVELS FROM CONSOLIDATED GAS SUPPLY CORP WELL 3141 EL. 1157'
 "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 Virginia
 FRACTURE
 New Location
 Drill Deeper
 Abandonment

Issued 7-10-72

Map Sheet 38-517 E 1 F.B. 1816, R 30

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W.VA.
 Farm J.R. DENNISON
 Tract Acres 72 1/2 Lease No. 18472
 Well (Farm) No. 3469 Serial No. 3469
 Elevation (Spirit Level) 1157'
 Quadrangle VADIS NE
 County DODDRIDGE District GREENBRIER
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 6-5-72 Scale 1" = 30 FEET

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

WELL LOCATION MAP
 FILE NO. Dodd-1242 (A) PP
Transferred to Dodd-52-Proc.
 + 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 squares on border line of original tracing.
 JUL 17 1972