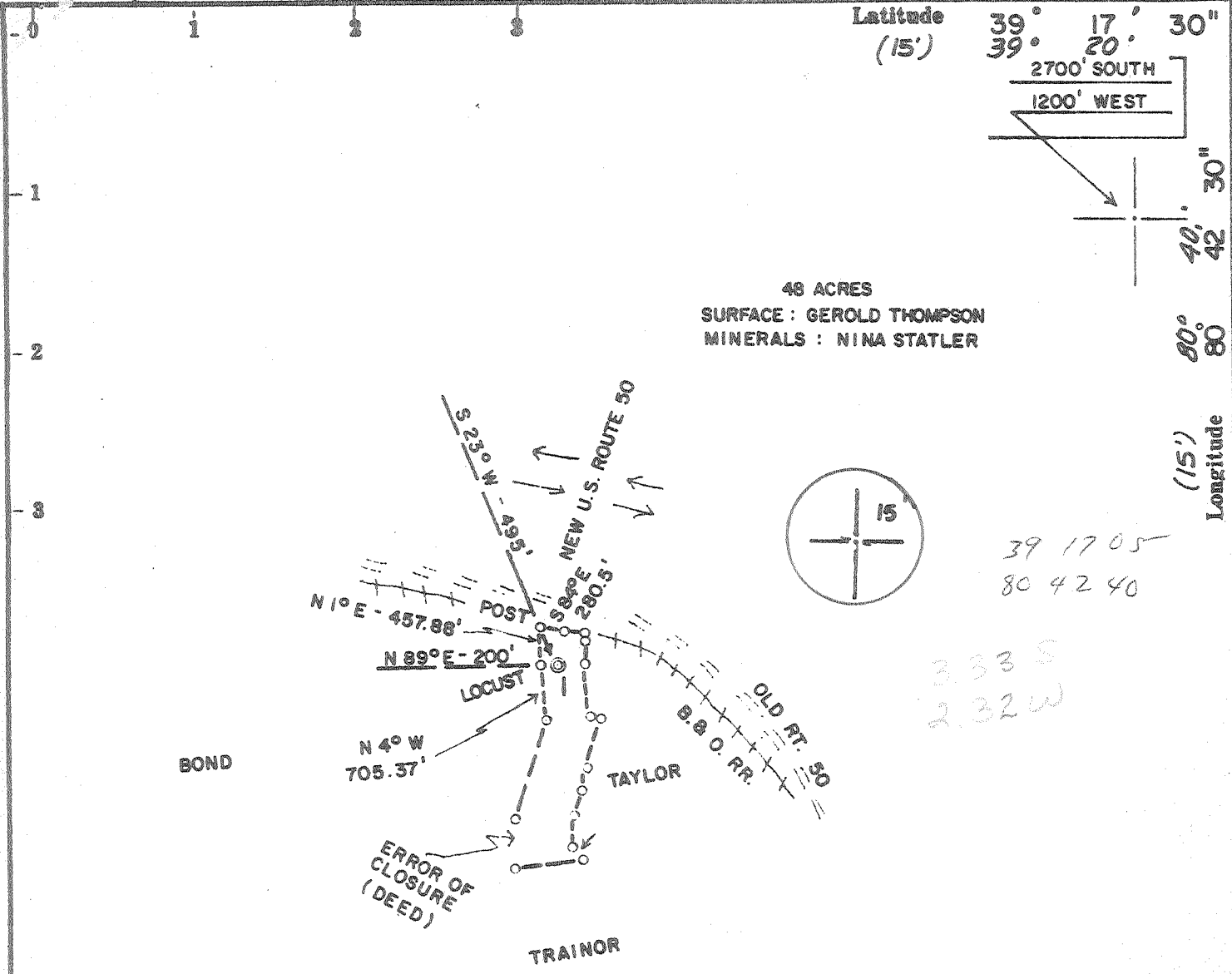


2/8/79 R



48 ACRES  
SURFACE : GEROLD THOMPSON  
MINERALS : NINA STATLER

BOND

ERROR OF CLOSURE (DEED)

TRAINOR

ACCURACY: 1' / 200'

Source of Elevation B.M. ON OLD RT. 50 (817')

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

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.

*Chet Waterman*

WEIR - 2350'

Company INDUSTRIAL GAS ASSOCIATES  
 Address P.O. BOX 1610, GREENWICH, CONN.  
 Farm NINA STATLER, John Statler KING  
 Tract \_\_\_\_\_ Acres 48 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. SW  
 Elevation (Spirit Level) 940' Centurpoint  
 Quadrangle SMITHBURG (7.5' SERIES)  
 County DODDRIDGE District WEST UNION  
 Engineer CHET WATERMAN  
 Engineer's Registration No. 3788  
 File No. 79-71 Drawing No. \_\_\_\_\_  
 Date 2/6/79 Scale 1" = 2000'

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

WELL LOCATION MAP  
FILE NO. 47-017-2349

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

MAR 9 1979

2500' Gordon 6-6 Smithton-Flint-Sedalia (99)



King #1

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Smithburg 7 1/2

Permit No. 47-017-2349

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

Company Industrial Gas Associates  
Address Box 1610, Greenwich, Connecticut  
Farm King Acres 48  
Location (waters) Buckeye Creek  
Well No. 1 Elev. 940  
District West Union County Doddridge  
The surface of tract is owned in fee by \_\_\_\_\_  
Gerald Thompson  
Address Smithburg, WV  
Mineral rights are owned by John Statler  
Address Pennsboro, WV  
Drilling Commenced 2-16-79  
Drilling Completed 2-21-79  
Initial open flow show cu. ft. \_\_\_\_\_ bbls.  
Final production 750,000 cu. ft. per day 2 bbls.  
Well open 4 hrs. before test 1000 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	242	242	80 sks.
7			
5 1/2			
4 1/2		2430	140 sks.
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Gordon - Fraced with 249 BBLs - 16,000# Sand - 50,000 SCF N<sup>2</sup>

Weir - Fraced with 253 BBLs Water - 17,000# Sand - 50,000 SCF N<sup>2</sup>

Coal was encountered at none Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 80 Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Gordon and Weir Depth G-2358-2382 W-1934-2015

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil	Brown	Soft	0	10		
Sand & Shale		Soft	10	875		
Sand & Shale		Soft	875	1300		
Shale	Black	Soft	1300	1330		
Sand	White	Soft	1330	1365		
Shale	Black	Soft	1365	1435		
Sand	White	Hard	1435	1445		
Shale	Black	Soft	1445	1578		
Little lime	White	Hard	1578	1612		
Big lime	White	Hard	1612	1707		
Big Injun	White	Hard	1707	1788		
Shale	Brown	Soft	1788	1934		
Weir	Black	Soft	1934	2015		
Shale	Black	Soft	2015	2138		
Gants	White	Hard	2138	2158		
Shale	Black	Soft	2158	2358		
Gordon	White	Hard	2358	2382		
Shale	Black	Soft	2382	2423		
4th Sand	White	Hard	2423	2428		
Shale	Black	Softk	2428	2454		
5th Sand	Black	Soft	2454	2464		
Shale	Black	Soft	2464	2561		
TD				2561		

1612  
940  
-672

MAY 11 1979  
DEPT. OF MINES

(over)

\* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

FEB - 8 1979

Oil and Gas Division

OIL & GAS DIVISION  
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE 8 February 1979

Surface Owner Gerald Thompson

Company Industrial Gas Associates

Address Smithburg, W.V.

Address Box 1610 Greenwich, Connecticut

Mineral Owner John Statler

Farm King Acres 48

Address Box 36-3 Pennsboro, W.V.

Location (waters) Buckeye Creek

Coal Owner N/A

Well No. 1 Elevation 940

Address N/A

District West Union County Doddridge

Coal Operator N/A

Quadrangle Smithburg 7 1/2

Address N/A

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 10-9-79.

INSPECTOR  
TO BE NOTIFIED Mr. Paul Carrett

ADDRESS 320 Beach St. Clarksburg, W.V. 26302

PHONE 622 3871

*John A. Statler*  
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 Nov. 24 19 78 by John A. Statler made to Petroleum Services, Inc. and recorded on the 29th day of Nov. 19 78, in Doddridge County, Book 105 Page 612

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, *John Cushing*  
(Sign Name) Industrial Gas Associates  
Well Operator

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND  
ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address  
of  
Well Operator

Box 1610  
Street  
Greenwich, Connecticut  
City or Town  
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 BOARD

47-017-2349 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by \_\_\_\_\_

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

PROPOSED WORK ORDER TO  DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME Gene Stalnaker NAME Dallas Frederick  
 ADDRESS Letter Gap, W.V. ADDRESS Box 13, Nobe, W.V.  
 TELEPHONE 462-7092 TELEPHONE 354-7484  
 ESTIMATED DEPTH OF COMPLETED WELL: 2500 ROTARY  CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Gordon  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS \_\_\_\_\_ 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	<u>160'</u>	<u>160'</u>	<u>Circ</u>
7			
5 1/2			
4 1/2		<u>2500</u>	<u>125 Sks</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 75 FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ 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