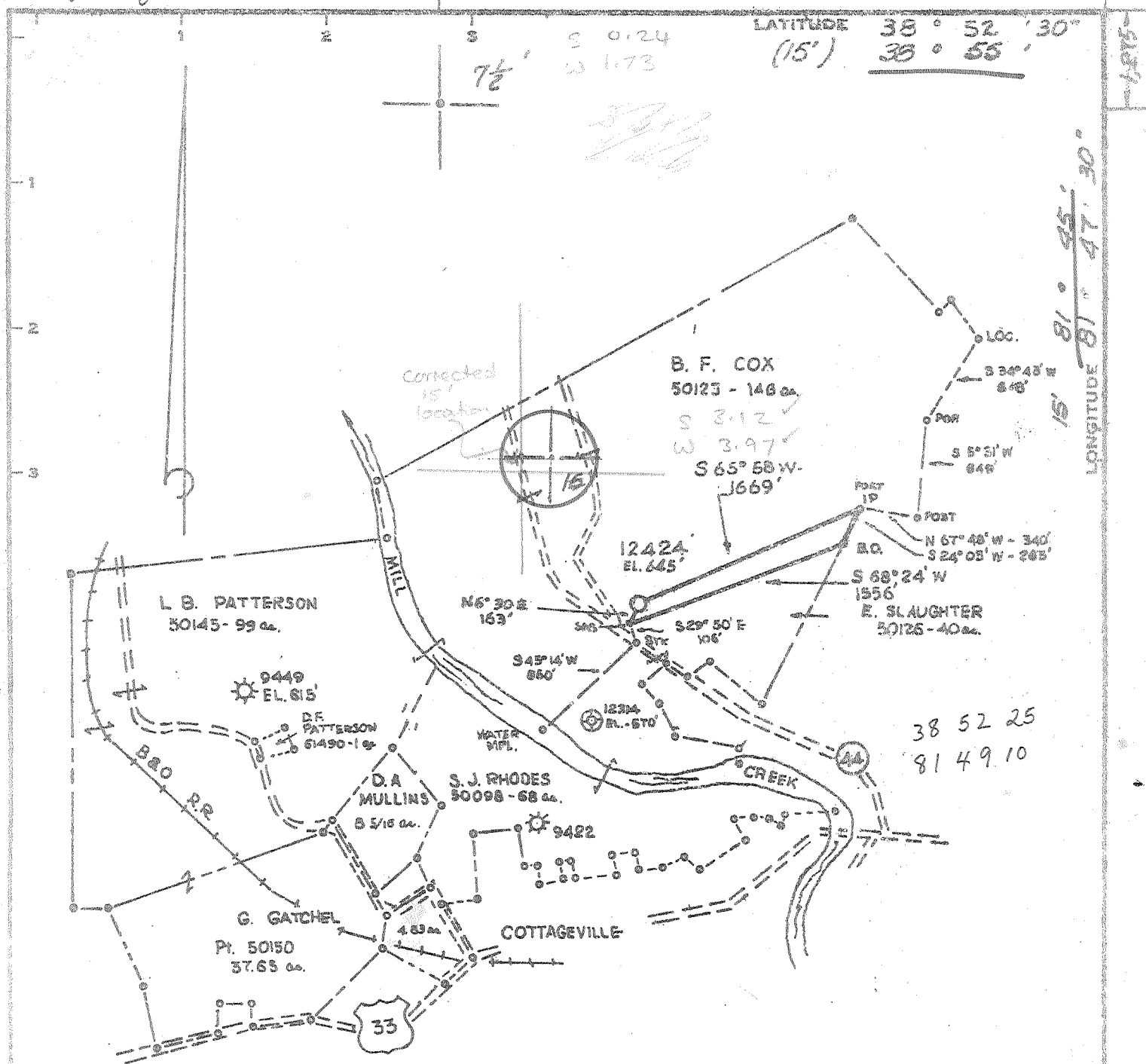


9,150'
 LATITUDE 38° 52' 30"
 (15') 38° 55'



Minimum Error of Closure 1' in 200'
 Source of Elevation LEVELS FROM CONSOLIDATED GAS SUPPLY COOP 9390 EN. 501
 "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

11/31/78
 MAP SHEET 43N 538 W-67 FB-1901 PG 10-11

Company CONSOLIDATED GAS SUPPLY COOP.
 Address CLARKSBURG, W.VA.
 Farm B. F. COX, HL. Ruth Ryan
 Tract _____ Acres 146 Lease No. 50123
 Well (Farm) No. _____ Serial No. 12424
 Elevation (Spirit Level) 645' RAVENSWOOD 15' EC
 Quadrangle COTTAGEVILLE, W.VA. NE
 County JACKSON District UNION
 Engineer Harrell M. Kadcliffe
 Engineer's Registration No. L.L.S. 74
 File No. _____ Drawing No. _____
 Date 9-29-77 Scale 1" = 1000'

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

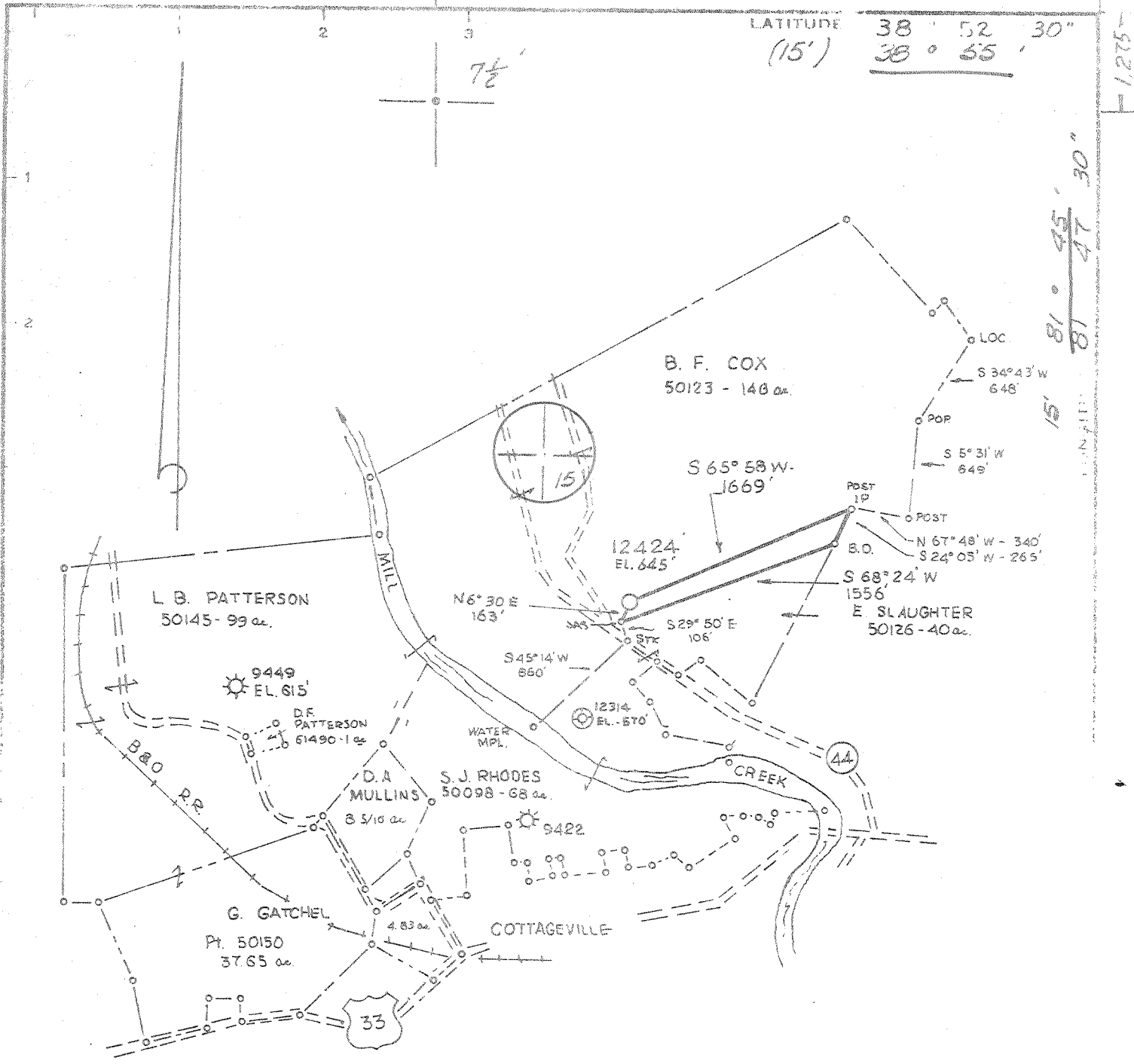
WELL LOCATION MAP
 FILE NO. JAC - 1425-P

+ 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 FEB 10 1978

9,150'

LATITUDE 38° 52' 30" (15') 38° 55' 30"



1" in 200'

LEVELS FROM CONSOLIDATED GAS SUPPLY CORP 9390 EN. 587'

MAP SHEET 43W S38 W-67 FB-1901 PG 10-11

CONSOLIDATED GAS SUPPLY CORP.

CLARKSBURG, W.VA.

B. F. COX, HL. Ruth Ryan

146 50123

12424

645, RAVENSWOOD IS. EC

COTTAGEVILLE, W.VA. NC

JACKSON UNION

Harrell M. Keadeliffe

LLS. 74

9-29-77

1" = 1000'

JAC - 1425

47-035

REVISED 5/11/77

DEC 29 1977

7590



RECEIVED

APR 1 1978

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle COTTAGEVILLE

Permit No. JAC-1425-P

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

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm B. F. Cox Acres 146
Location (waters) Mill Creek
Well No. 12424 Elev. 645'
District Union County Jackson
The surface of tract is owned in fee by _____
H.L. & Ruth Ryan
Address Cottageville, W. Va.
Mineral rights are owned by Garnett Harpold
Address Binley, W. Va.
Drilling Commenced 12-27-77
Drilling Completed 01-26-78
Initial open flow No gas cu. ft. _____ bbls.
Final production Dry 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			To surface
Cond. 13-10"	217	217	
9 5/8	2155	2155	170 sacks
8 5/8			50 Bags
7	4323	4323	
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Not treated

Attach copy of cementing record.

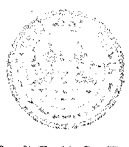
Coal was encountered at None Feet _____ Inches _____
Fresh water None Feet _____ Salt Water None Feet _____
Producing Sand Dry Hole Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Berea			2118	2130		
Brown Shale			3260	4156		Show gas @ 3000' & 3900'
Onondaga			4217	4292		
Oriskany			4292	4296		
Helderberg			4296	4453		
Bass Island			4453	4476		
Salina			4482	4900		
Newberg			4960	4966		
Lockport			5076	5218		
Keefer			5218	5268		
Total Depth				5300' ✓ <i>Rose Hill</i>		
Consolidated Gas Supply Corporation 445 West Main Street Clarksburg, W. Va.						
KBM 12' above G.L.						

(over)

* Indicates Electric Log tops in the remarks section.

APR 21 1978



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
DEC 12 1977

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 October 24, 1977

Surface Owner H.L. & Ruth Ryan
Address Rt. #1, Box 225, Cottageville, W. Va.

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.

Mineral Owner _____
Address _____

Farm B. F. Cox Acres 146
Location (waters) Mill Creek

Coal Owner No coal
Address _____

Well No. 12424 Elevation 645'
District Union County Jackson

Coal Operator None
Address _____

Quadrangle COTTAGEVILLE

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 4-14-78.

INSPECTOR
TO BE NOTIFIED Richard J. Morris
ADDRESS : Grantsville, W. Va.
PHONE 354-7259

Robert H. Hill
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 7-3-37 19 by B. F. Cox made to Hope Natural Gas Co and recorded on the 1st day of December 1937 in Jackson County, Book 40 Page 364

~~XXXX~~ 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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

Very truly yours,
(Sign Name) R. B. Payne Manager of Prod.
Well Operator

W. VA. OIL & GAS CONSERVATION COMMISSION
1613 WASHINGTON STREET, EAST
CHARLESTON, WEST VIRGINIA 25311

Address _____
of _____
Well Operator _____
Consolidated Gas Supply Corporation
Street _____
445 West Main Street
City or Town _____
Clarksburg, W. Va.
State _____

I have read & understand the reclamation act and will comply with requirements.

R. B. Payne

*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.

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 Ray Resources _____ NAME R. E. Bayne _____
 ADDRESS Charleston, W. Va. _____ ADDRESS Bridgeport, W. Va. _____
 TELEPHONE 344-8393 _____ TELEPHONE 623-3611 _____
 ESTIMATED DEPTH OF COMPLETED WELL: _____ ROTARY XXXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Newburg _____
 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 - XX	200'	200'	To surface
9 - 5/8	2200'	2200'	To surface
8 - 5/8			
7	4350'	4350'	125 bags
5 1/2			
4 1/2	5017'	5017'	125 Bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 95' 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.

Mr Coal

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