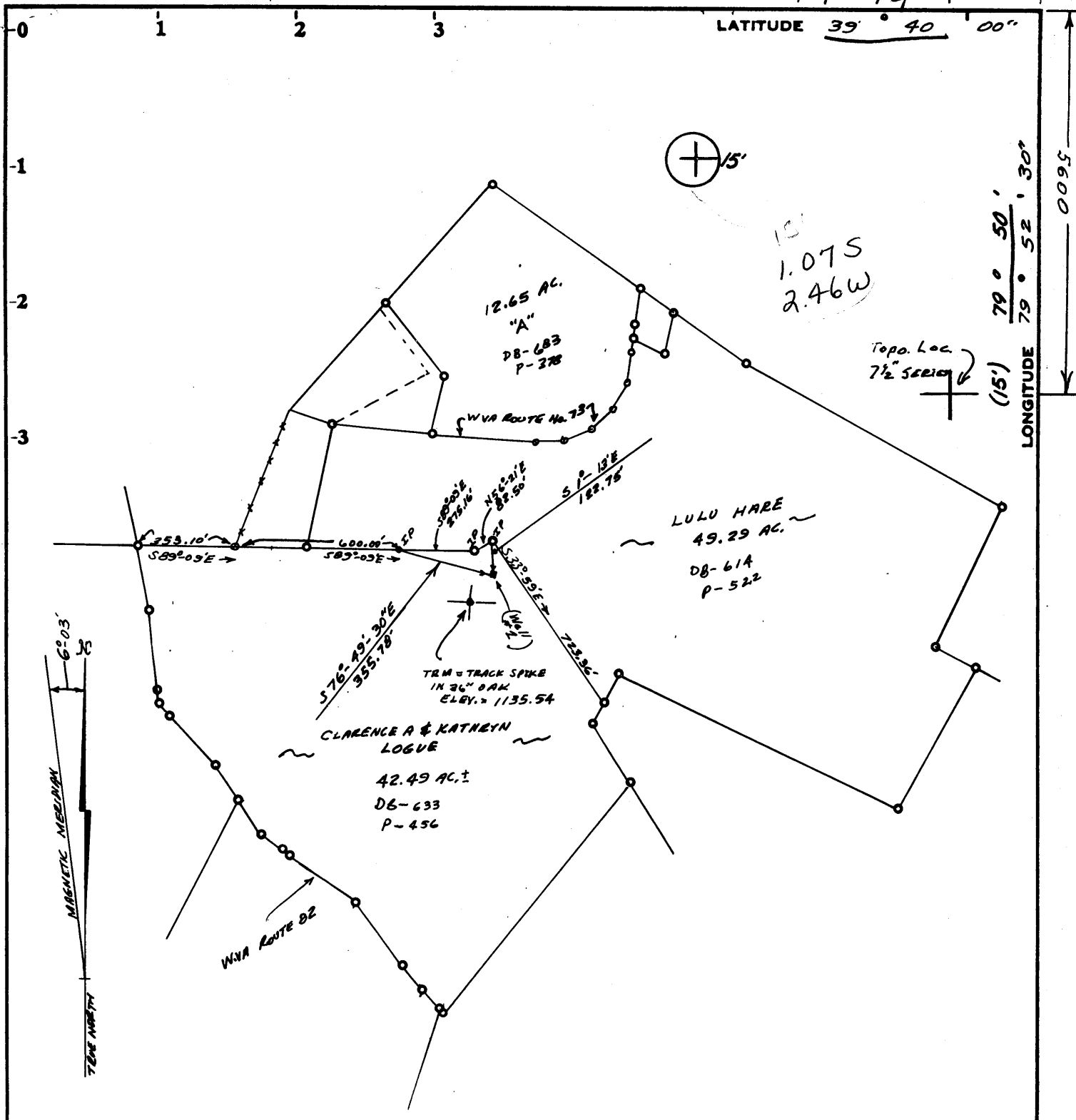


3/1/77 *EG* | 1225 →



Minimum Error of Closure $\frac{1}{4000}$
 Source of Elevation U.S.G.S 2" on Conc. Abat. Route #75 1214.00

- Fracture
- New Location
- Drill Deeper
- Abandonment

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.

Signed: *John W. Horne* WVA. L.L.S. #72-SU.
 Squares: N S E W
 (H&R B# 17-E P# 17)

Map No. _____

Company GASPRO, INC.
 Address P.O. B 189 CAMBRIDGE OHIO 43725
 Farm LOGUE-HARE UNIT
 Tract _____ Acres 104.43 Lease No. _____
 Well (Farm No. UNIT #1 Serial No. _____
 Elevation (Spirit Level) 1151.69 *C*
 Quadrangle MORGANTOWN NORTH WVA-PA. 15' 7 1/2\" MIN. QUAD.
 County MONONGALIA District UNION
 Surveyor John W Horne
 Surveyor's Registration No. WVA. L.L.S. #72-SU.
 File No. _____ Drawing No. _____
 Date 2-22-77 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. MON-357

+ Denotes location of well on United States Topographic Maps, scale 1" to 2000', latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing. **47-Q61**



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

FEB 28 1977

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 February 23, 1977

Surface Owner Clarence A. Logue et ux
Address 633 Valleyview Street
Morgantown, WV
Mineral Owner Clarence A. Logue et ux
L.B. Hare & C.R. Hare
Address As above & Rt. 6, Box 50
Morgantown, WV
Coal Owner C.R. Logue et ux &
Address Consolidation Coal Co
Coal Operator None (U Freeport only)
Address _____

Company Gaspro, Inc.
Address Cambridge, Ohio
Farm Logue-Hare Unit Acres 104
Location (waters) Crammeys Run
Well No. 1 Elevation 1151.69'
District Union County Monongalia
Quadrangle Morgantown North (7-1/2' series)

Consolidation Coal Co.
3301 Oliver Plaza
Pittsburgh, Pa 15222

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 7-7-77

[Signature]
Deputy Director - Oil & Gas Division

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

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 Sept. 30 1976 by Clarence A. Logue et ux made to Eastern Mountain Fuel, Inc and recorded on the 14 day of Jan. 1977 in Monongalia County, Book 785 Page 583
XX 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.

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

Address _____
of _____
Well Operator

(Signed by) Gaspro, Inc.

[Signature]
Agent

Very truly yours,
(Sign Name) [Signature]
Gaspro, Inc
Well Operator Agent
P. O. Box 189
Street
Cambridge
City or Town
Ohio
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.

CASH DEPOSIT
HELD BY TREASURER

Survey

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

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Perkins & Summers Drilling, Inc. NAME Patrick J. Burns
 ADDRESS Cambridge, Ohio ADDRESS P. O. Box 5325, Vienna, WV
 TELEPHONE 614-439-3511 TELEPHONE 304-485-1191
 ESTIMATED DEPTH OF COMPLETED WELL: 5,000' ROTARY XX 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	1,160'	1,160'	cement to surface
7			
5 1/2			
4 1/2		5,000'	1,300'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 400 FEET _____ SALT WATER 1,000 FEET _____
 APPROXIMATE COAL DEPTHS 400' & 500' _____
 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