



2.94 5
0.36 2

TOPO.
LOCATION



CERTIFICATE

- NEW LOCATION
- RECONDITION (FRAC)
- 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.

Minimum degree of accuracy is one part in 200

Signed: *Donald J. Gay* 247

COMPANY CITIZEN SERVICE OIL COMPANY
 ADDRESS BOX 873, CHARLESTON, W.VA.
 FORM G.F. LONGACRE
 MAP _____ ACRES 121 LEASE NO WV-412
 WELL (FARM) NO 2 SERIAL NO GW-45
 ELEVATION (SPIRIT LEVEL) 1061.00
 QUADRANGLE WEST UNION 3E
 COUNTY DEEDRIDGE DISTRICT WEST UNION
 POINT OF PROVEN ELEVATION GW 792 - HW KING HALL - BLADE
 STAMPER GW 792 - 810 BRIDGE ACROSS MIDDLE ISLAND CR
 FILE NO _____ DRAWING NO W-9-73
 DATE OCT 18, 1973 SCALE 1" = 1320'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP 2421
 FILE NO Sub. 56-9-100
47 017
 † 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



RECEIVED
OCT 29 1973
OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE October 29, 1973

Surface Owner Kenneth L. Longacre, et al

Company Citizen Service Oil

Address West Union, W. Va. 26456

Address Box 873, Charleston, W. Va. 25323

Mineral Owner Kenneth Longacre

Farm C. F. Longacre Acres 121

Address Box 395

Location (waters) Little Island Creek

Coal Owner Bernice Longacre

Well No. "A" #2, 01-46 Elevation 1061.00'

Address West Union, W. Va. 26456

District West Union County Dodderidge

Coal Operator J. K. Longacre

Quadrangle West Union

Address 612 North Park

Address Terrill, Texas 75160

Eva Longacre
West Union, W. Va.

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 3-1-74.

David L. Ford
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Wm. Blosser
Box 1857
Colfax, WV. 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 _____ 19____ by _____ made to _____ and recorded on the _____ day of _____ 19____, in _____ 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, CITIZEN SERVICE OIL COMPANY
(Sign Name) [Signature]
Well Operator

Address
of
Well Operator

P. O. Box 873

Street

Charleston

City or Town

West Virginia

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.

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 Rud Spencer _____ NAME Sam J. Matthews _____
 ADDRESS West Union, W. Va. _____ ADDRESS Box 873, Charleston, W. Va. _____
 TELEPHONE _____ TELEPHONE 344-2383 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 1993' _____ ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun _____
 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**		<u>pulled</u>	
13 - 10**	<u>305'</u>	<u>pulled</u>	
9 - 5/8			
8 - 5/8 <u>8-1/4"</u>	<u>1042'</u>	<u>pulled except 3 joints</u>	
7 <u>6-5/8"</u>	<u>1846'</u>	<u>1846'</u>	<u>no cement</u>
5 1/2			
4 1/2			
3			Perf. Top
2**	<u>1820'</u>	<u>1820'</u>	Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 493 _____
 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