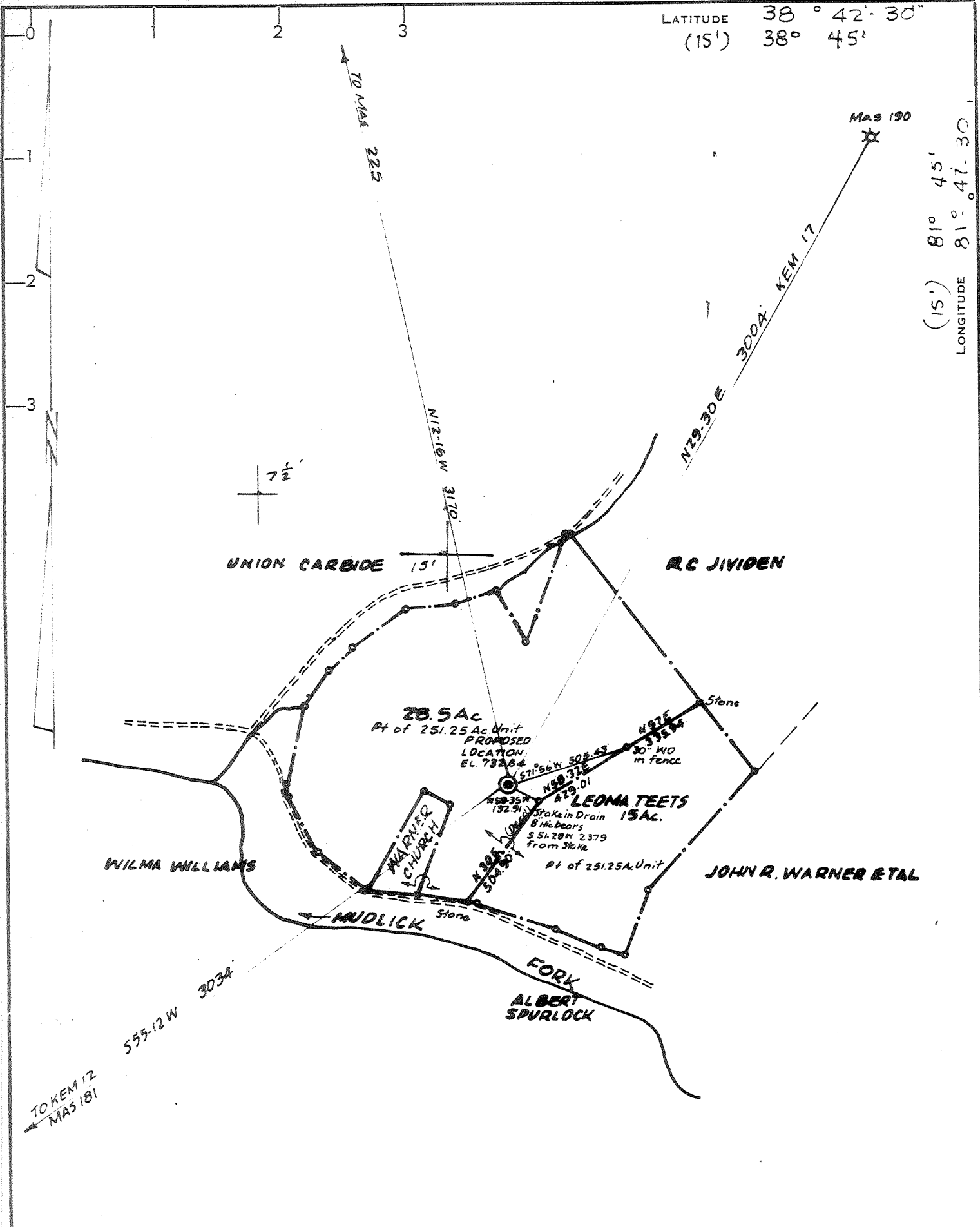


3-0

LATITUDE 38° 42' 30"
(15') 38° 45'

LONGITUDE 81° 47' 30"
(15') 81° 45'



CERTIFICATE

"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 _____

Frank H. Barber LLS # 289

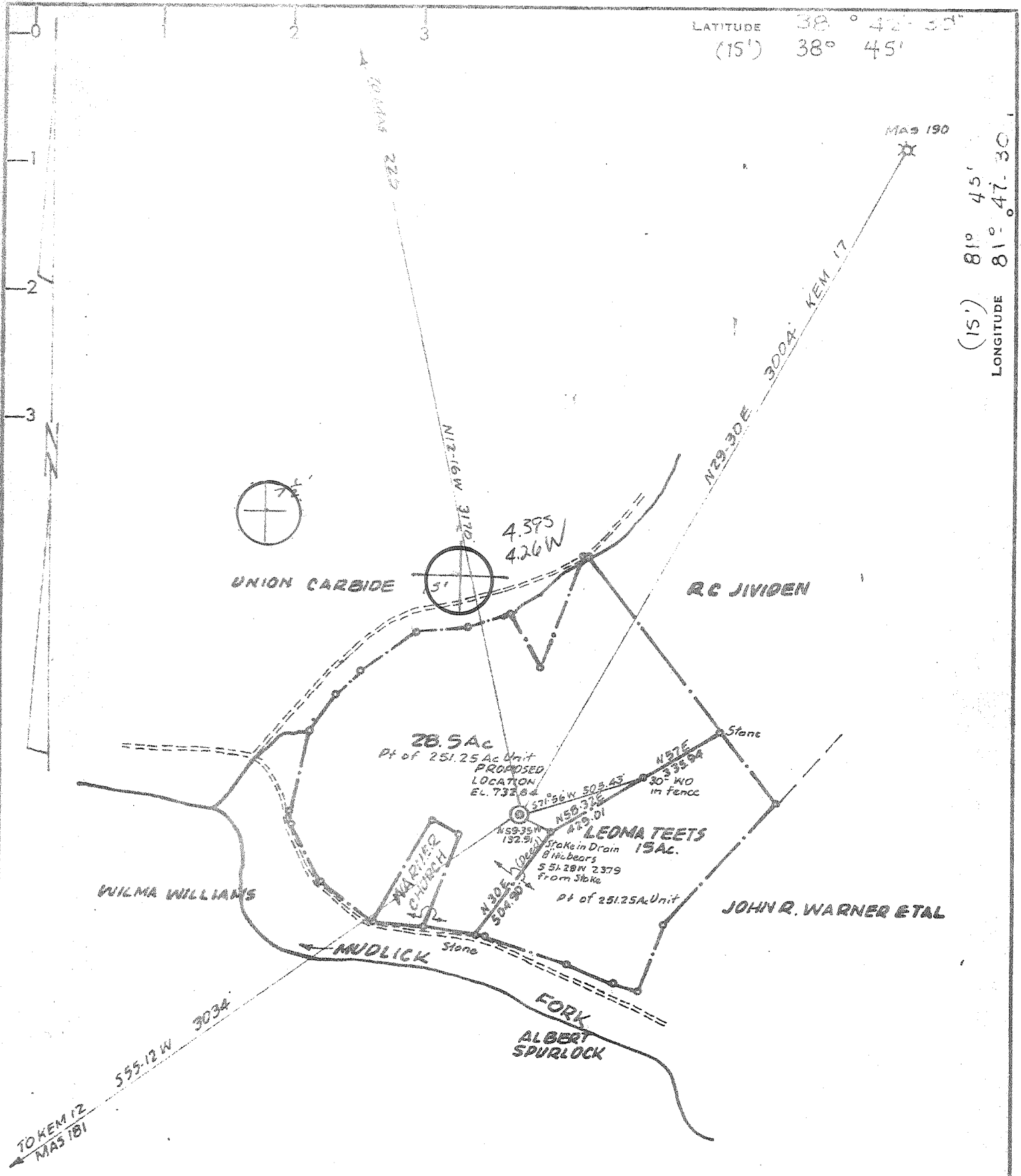
- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY KAISER EXPLORATION & MINING COMPANY
 ADDRESS P.O. BOX 8 RAVENSWOOD, WEST VIRGINIA
 FARM R. C. JIVIDEN
 MAP 28.5 Pt. of 251.25 A. Unit ACRES 28.5 LEASE NO. _____
 WELL (FARM) NO. 2 SERIAL NO. KEM 43
 ELEVATION (SPIRIT LEVEL) 732.64
 QUADRANGLE ELMWOOD 7 1/2 WINFIELD 15'
 COUNTY MASON DISTRICT UNION
 POINT OF PROVEN ELEVATION BM EL. 635
 FILE NO. _____ DRAWING NO. _____
 DATE JUNE 28, 1980 SCALE 1" = 500 FT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
053-0233
 FILE NO. _____
DRILLING CANCELED now 236
 + 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.

Deep well

OR STANY 4850'



CERTIFICATE

"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

Frank H. Barber LLS # 289

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY KAISER EXPLORATION & MINING COMPANY
 ADDRESS P.O. BOX 8 RAVENSWOOD WEST VIRGINIA
 FARM R. C. JIVIDEN
 MAP 28.5 Pt of 251.25 Ac Unit ACRES 28.5 LEASE NO.
 WELL (FARM) NO. 2 SERIAL NO. KEM 43
 ELEVATION (SPIRIT LEVEL) 732.64
 QUADRANGLE ELMWOOD 7 1/2 WINFIELD 15' NE
 COUNTY MASON DISTRICT UNION
 POINT OF PROVEN ELEVATION BM EL. 635
 FILE NO. DRAWING NO.
 DATE JUNE 28 1980 SCALE 1" = 500 FT

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

WELL LOCATION MAP
053-0233

FILE NO.

DRILLING CANCELED

+ 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.

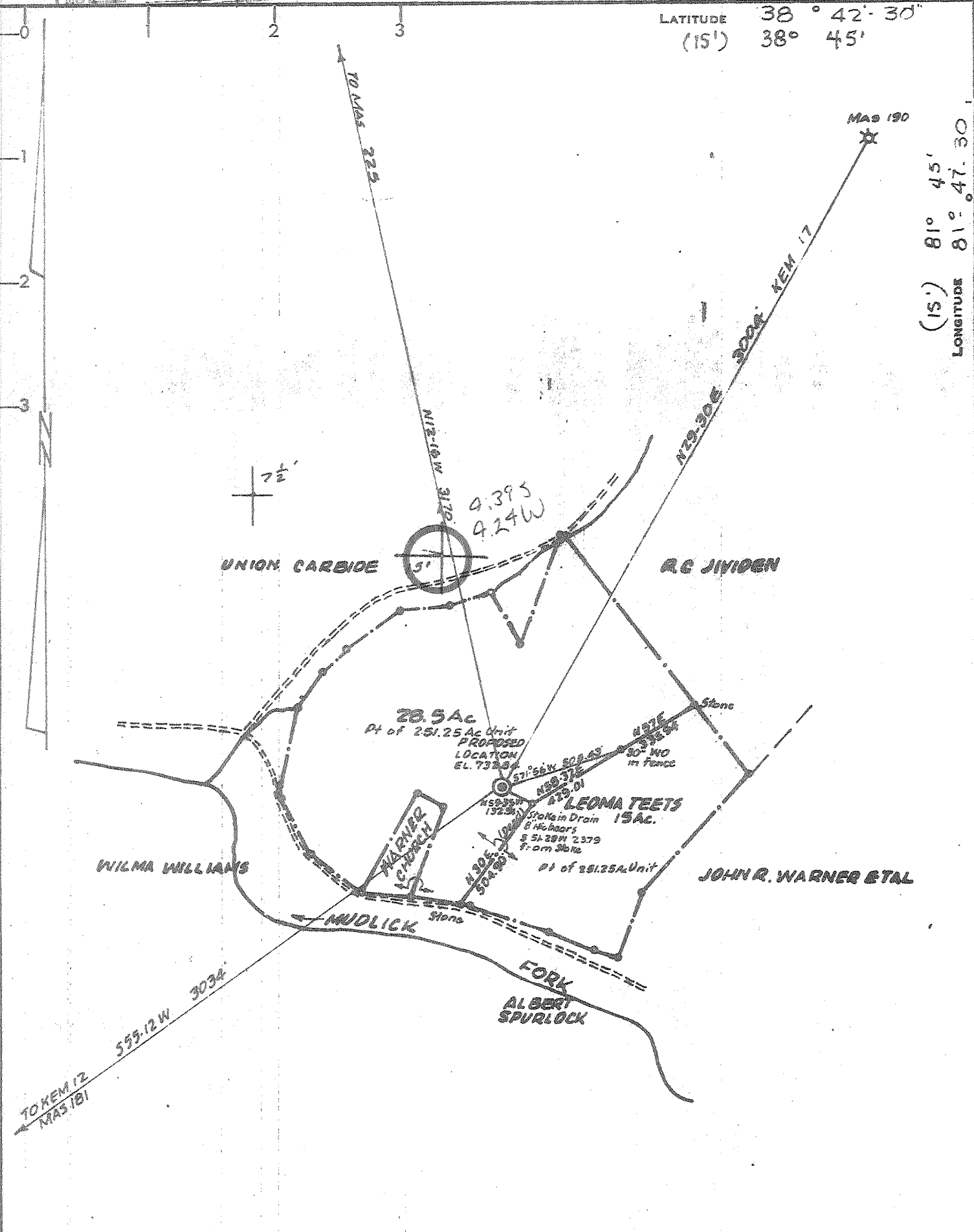
- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TOPOGRAPHIC MAP

AUG 28 1980

Oil & Gas 118501

LATITUDE 38° 42' 30"
(15') 38° 45'

(15') 81° 45'
LONGITUDE 81° 47' 30"



CERTIFICATE

"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 _____

Frank H. Barber U.S. # 289

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY KAISER EXPLORATION & MINING COMPANY
 ADDRESS P.O. BOX 8 RAVENSWOOD, WEST VIRGINIA
 FARM R. C. JIVIDEN
 MAP 28.5 Pt of 251.25 Ac Unit ACRES LEASE NO. _____
 WELL (FARM) NO. 2 SERIAL NO. KEM 43
 ELEVATION (SPIRIT LEVEL) 732.64
 QUADRANGLE ELMWOOD 7 1/2 WINFIELD 15' N 2
 COUNTY MASON DISTRICT UNION
 POINT OF PROVEN ELEVATION BM EL. 635
 FILE NO. _____ DRAWING NO. _____
 DATE JUNE 20, 1980 SCALE 1" = 500 FT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
053-0233
 FILE NO. _____
 + DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 25,000. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

119501



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

JUL 1 1980

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION MINES

OIL & GAS DIVISION

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

DATE June 12, 1980

Surface Owner R. C. & Ora Jividen
Address Rt. 3, Box 152, Leon, WV 25123
Mineral Owner R. C. Jividen
Address Rt. 3, Box 152, Leon, WV 25123
Coal Owner Union Carbide Corporation
Address 32 Sanderson Road, Clendenin, WV
Coal Operator Same as above
Address Same as above

Company Kaiser Exploration and Mining Company
Address P. O. Box 8, Ravenswood, WV 26164
Farm R. C. Jividen #2 Acres 28.5 (pt. 251.25)
Location (waters) Mudlick Fork
Well No. KEM #43 Elevation 764.06
District Union County Mason
Quadrangle Elmwood

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

INSPECTOR

TO BE NOTIFIED Kenneth Butcher

for drilling. This permit shall expire if
operations have not commenced by 3-10-81

ADDRESS RFD #1, Barboursville, WV

PHONE 736-4885

[Signature]
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 April 5, 1978 by R. D. & Ora Jividen
Jividen made to Kaiser Exploration and Mining Co. and recorded on the 12 day of April
1978 in Mason County, Book 43 Page 104

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:

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

Very truly yours,

(Sign Name)

[Signature]

Well Operator

R. A. Pryce
Kaiser Exploration and Mining Company

Street

Address
of
Well Operator

P. O. Box 8,
City or Town

Ravenswood, WV 26164
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.

053
MASON-233

PERMIT NUMBER

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Burdette Drilling Company _____ NAME Robert A. Pryce _____
 ADDRESS P. O. Box 10167, Charleston, WV 25312 _____ ADDRESS P. O. Box 8, Ravenswood, WV 26164 _____
 TELEPHONE 744-1361 _____ TELEPHONE 273-5371 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 4850' _____ ROTARY X _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Oriskany _____
 TYPE OF WELL: OIL _____ GAS X _____ 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 10 3/4"	250'	250'	Cement back to surface
8 - 5/8			
7	2470'	2470'	125 sk = 570'
5 1/2			
4 1/2	4850'	4850'	125 sk = 1500'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? Not at present _____ 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