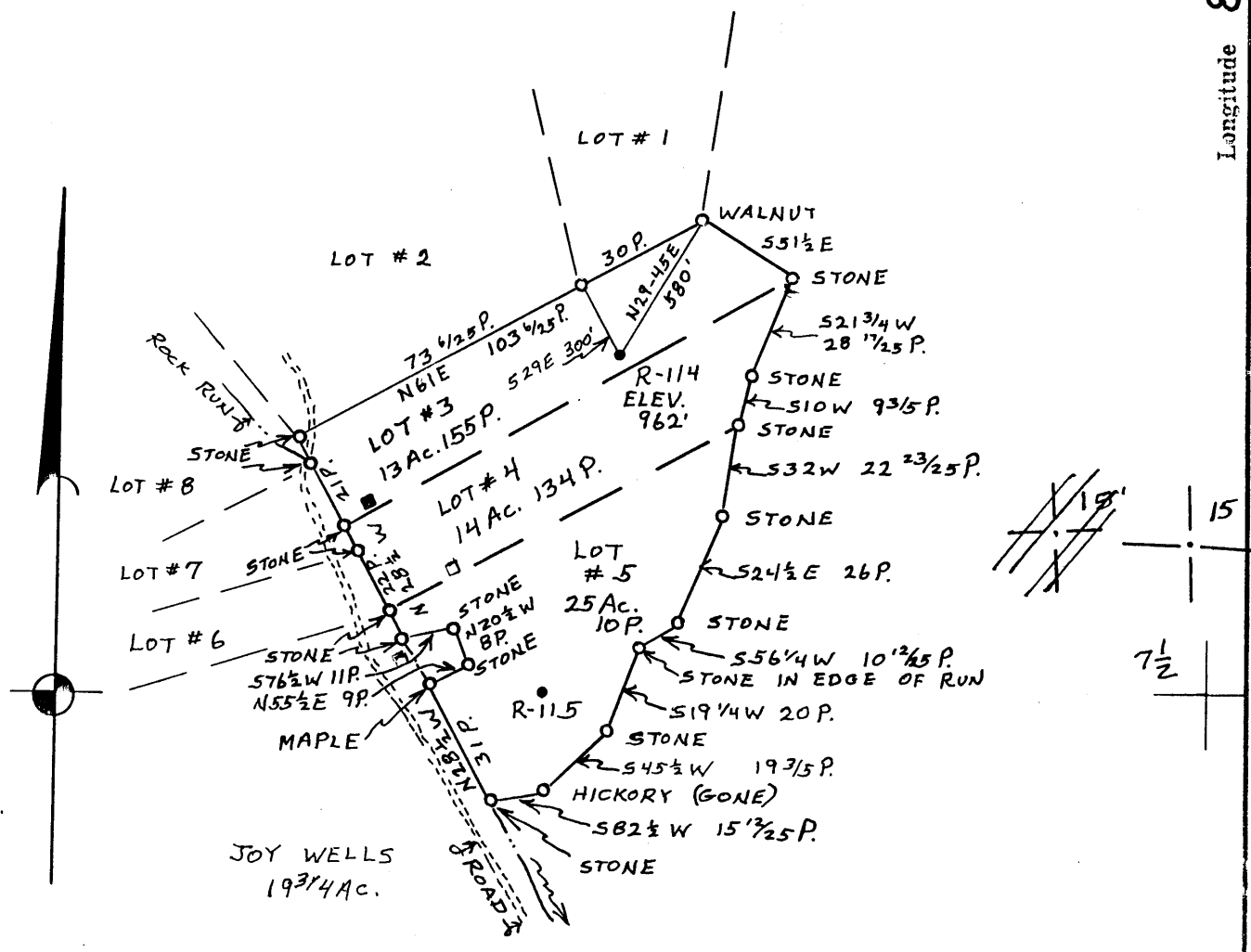


12/27/1978

Latitude $39^{\circ} 27\frac{1}{2}'$
 $15' 39^{\circ} 30'$
12540 S
490 W

Longitude $81^{\circ} 00'$

SMITH 99 1/2 AC.



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

Source of Elevation TOPO. MAP

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.

William R. Mossdor

Minimum accuracy, one part in 200

Company C.W. RIGGS Inc

Address BOX 358, ST. MARYS, W.VA. 26170

Farm ROBERT E. WELLS (FEE)

Lot #3 Acres 13Ac. 155P. Lease No. _____

Well (Farm) No. R-114 Serial No. _____

Elevation (Spirit Level) 962'

Quadrangle ST MARYS 15'

County TYLER District MEAD

Surveyor or Engineer WILLIAM R. MOSSDOR, L.L.S.

Surveyor's or Engineer's Registration No. 551

File No. _____ Drawing No. _____

Date 7 DEC. 1978 Scale 1" = 40 P.

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

WELL LOCATION MAP

FILE NO. 47-095-0680

Cancelled

+ 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.

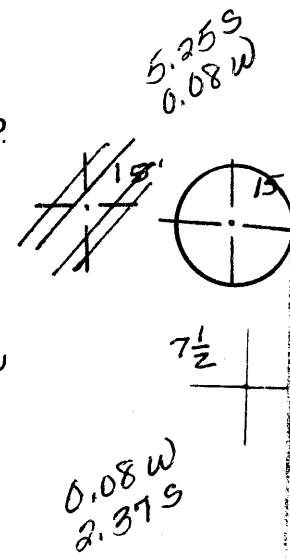
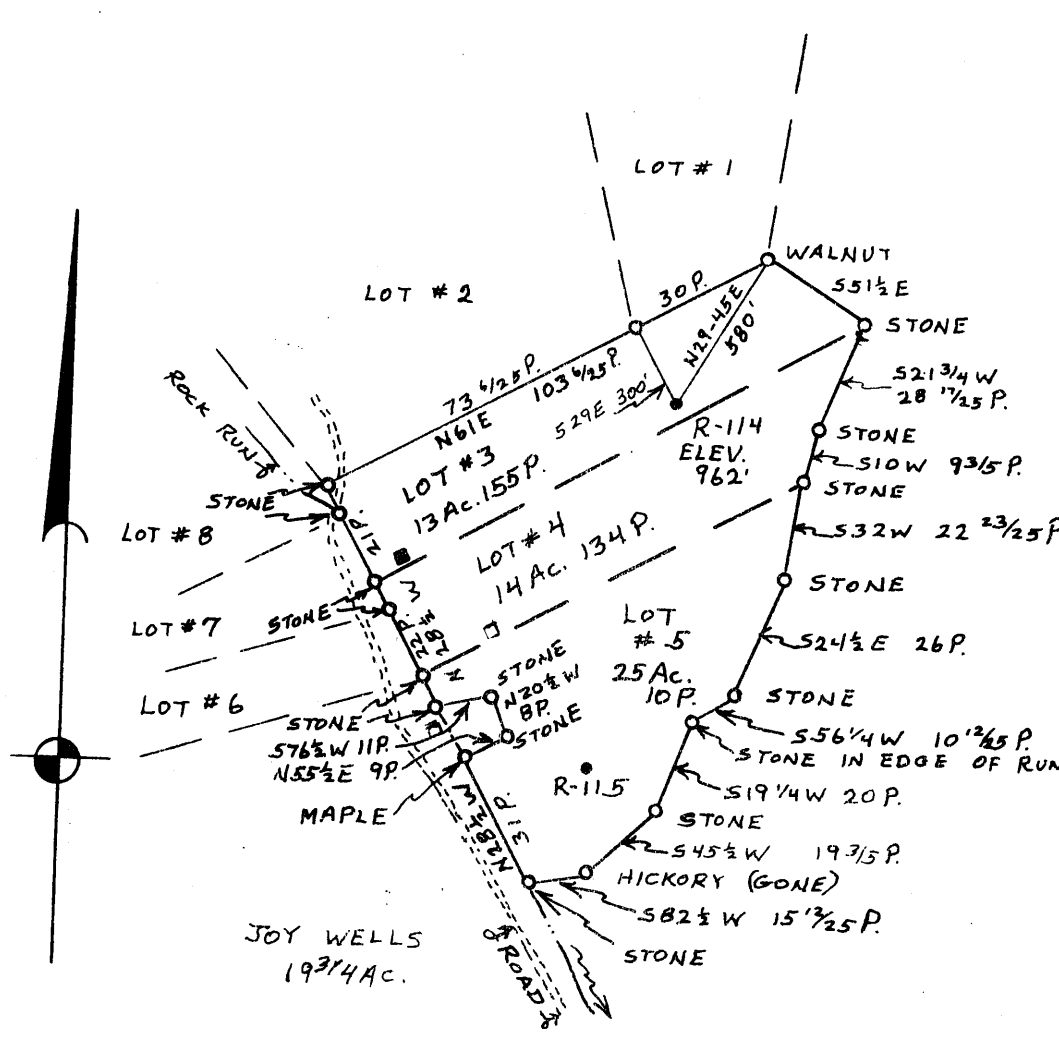
- Denotes one inch spaces on border line of original tracing.

FEB 3

1978

Latitude 39° 27 1/2'
15' 39° 30'
12540 S
490 W

SMITH 99 1/2 AC.



Long. line 81° 00'

- Production
- Re-drill
- New Location
- Drill Deeper
- Abandonment

Source of Elevation TOPO. MAP

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 5 of the rules and regulations of the oil and gas sector of the mining laws of West Virginia.

William R. Mossdor Minimum accuracy, one part in 200

Company C.W. RIGGS Inc
 Address Box 358, ST. MARYS, W.VA. 26170
 Farm ROBERT E. WELLS (FEE)
 Lot #3 Acres 13 Ac. 155 P. Lease No. _____
 Well (Farm) No. R-114 Serial No. _____
 Elevation (spirit level) 962' NE
 Quadrangle BENS RUN, W.VA. 7 1/2' QUAD.
 County TYLER District MEAD
 Surveyor or Engineer WILLIAM R. MOSSDOR, I.L.S.
 Surveyor's or Engineer's Registration No. 551
 File No. _____ Drawing No. _____
 Date 7 DEC. 1978 scale 1" = 40 P.

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

WELL LOCATION MAP
 FILE NO. **47-095-0680**

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.

JAN 25 1979



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

DEC 22 1978

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 12-11-78

Surface Owner _____

Company _____

Address _____

Address 355 S. 7th St. W.Va

Mineral Owner _____

Farm 2000 sq. ft. well Acres 15.8

Address _____

Location (waters) _____

Coal Owner _____

Well No. 111 Elevation 112

Address _____

District 1000 County Putnam

Coal Operator _____

Quadrangle 3500 N.W. 1000

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

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 5-3-79.

INSPECTOR
TO BE NOTIFIED Putnam County

ADDRESS Putnam County, W. Va

PHONE 1-202-1500

Arthur H. Dodd
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 10-1-71 1971 by _____ made to _____ and recorded on the 10-1 day of Oct. 1971, in _____ County, Book 100 Page 100

X 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,
(Sign Name) C. H. Repp
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 _____
Street _____
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 BOND

**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 Hunter Drilling

NAME W. H. ... Inc

ADDRESS ... W. Va

ADDRESS ... St. Marys, W. Va.

TELEPHONE 717-3233

TELEPHONE 771-2771

ESTIMATED DEPTH OF COMPLETED WELL: 212'

ROTARY X CABLE TOOLS _____

PROPOSED GEOLOGICAL FORMATION: ... sand

TYPE OF WELL: OIL _____ GAS _____ COMB. X 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>250'</u>		<u>250'</u>	<u>... to bottom</u>
7			
5 1/2			
4 1/2 <u>212'</u>		<u>212'</u>	<u>200 sks</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 25 FEET SALT WATER _____ FEET

APPROXIMATE COAL DEPTHS _____

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