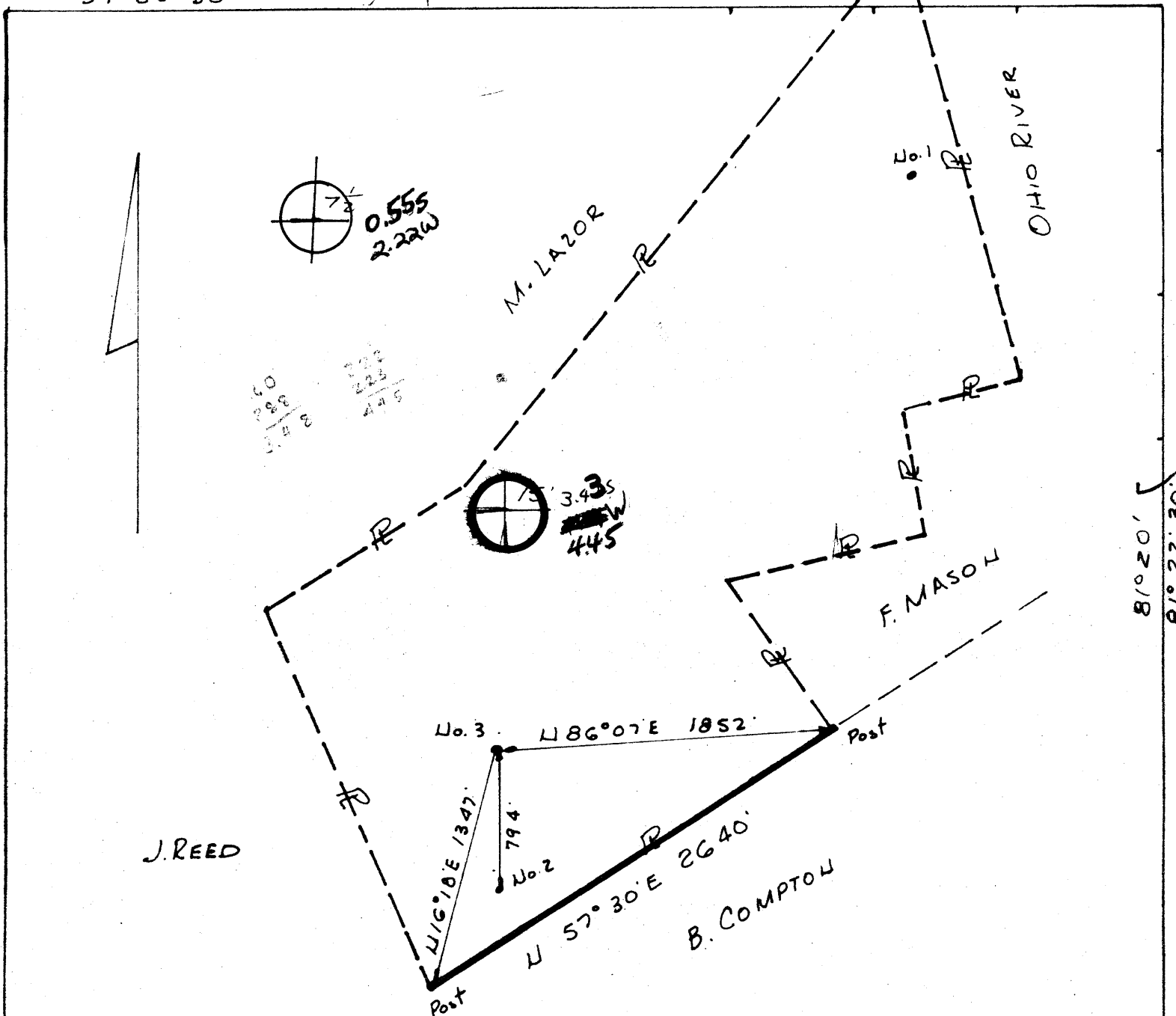


39° 26' V
39° 22' 30"

5-41



FRACTURE _____
 REFRILL _____
 NEW LOCATION
 DRILL DEEPER _____
 ABANDONMENT _____

Source of Elevation USGS

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 ACCURACY, one part in 200

ELEVATION (Spirit Level) 782
 DATE 9-18-80 SCALE 1" = 800

COMPANY ENERGY REDEVELOPMENT
 ADDRESS Box 266 BYESVILLE OHIO
 FARM STEVE HEWTON
 TRACT _____ ACRES 234 TRACT NO. _____
 WELL (Farm) NO. 3 SERIAL NO. _____
 QUADRANGLE MARIETTA IS. VALLEY MILLS C
 COUNTY WOOD DISTRICT UNION
 SURVEYOR OR ENGINEER G. V. Schuttler
 SURVEYOR'S OR ENGINEER'S REGISTRATION NO. 3317

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL LOCATION MAP
 FILE NO. 107-1083

+ Denotes location of well on United States Topographic Maps, Scale 1 to 24,000 latitude and longitude lines being represented by border lines as shown.

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

6-0 Boaz (70) OCT 10 1980

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

Date October 2, 1981

FORM IV-35
(Obverse)

Operator's
Well No. Steve Newton #3

(08-78)

WELL OPERATOR'S REPORT
OF

API Well No. 47-107-1083
State County P.

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas X / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production ___ / Underground storage ___ / Deep ___ / Shallow ___)

LOCATION: Elevation: 782 Watershed: _____
District: Union County: Wood Quadrangle: Marietta

WELL OPERATOR Energy Re-Development DESIGNATED AGENT Stephen C. Newton
Address P. O. Box 266 Address Rt. #1 Box 289
Bvesville, Ohio 43723 Williamstown, W VA 26187

PERMITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Redrill: ___ / Fracture or stimulate
Plug off old formation ___ / Perforate new formation ___
Other physical change in well (specify) _____

PERMIT ISSUED ON September 22, 1980 OIL & GAS INSPECTOR FOR THIS WORK:
(IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED) Name K. P. Goodnight
Address Smithville, W VA

GEOLOGICAL TARGET FORMATION: Gordon Depth 2474 feet
Depth of completed well, 2474 feet Rotary X / Cable Tools ___
Water strata depth: Fresh, none feet; salt, none feet.
Coal seam depths: none Is coal being mined in the area? no
Work was commenced December 2, 1980, and completed March 10, 1981

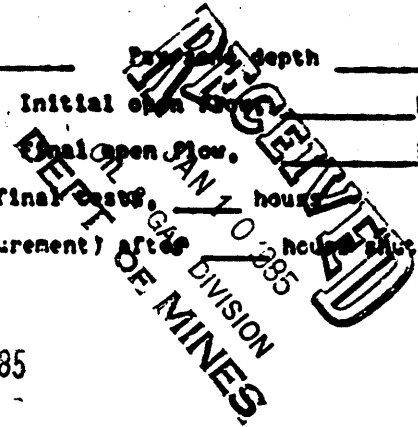
CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	REMARKS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Rinds
Fresh water								
Coal								Sizes
Intermediate	8 5/8		20	X		260	260	75 sks to Surface
Production	4 1/2					2476	2476	100 sks Depth set.
Tubing								
Liners								Perforations:
								Top Section

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2410-2426 feet
Gas: Initial open flow, 0 Mcf/d Oil: Initial open flow, 0 Bbl/d
Final open flow, 10,000 Mcf/d Final open flow, 0 Bbl/d
Time of open flow between initial and final tests, 8 hours
Static rock pressure, 625 psig (surface measurement) after 8 hours shut in
[If applicable due to multiple completion--]

Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d
Final open flow, _____ Mcf/d Final open flow, _____ Bbl/d
Time of open flow between initial and final tests, _____ hours
Static rock pressure, _____ psig (surface measurement) after _____ hours shut in



JAN 28 1985

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

7. See attached cementing and fracing invoices.

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Surface			0	600	
Masburg			600	750	
Sand			800	875	
Broken Sand			906	950	
Salt Sand			980	1015	
Salt Sand			1025	1100	
Salt Sand			1146	1235	
Salt Sand			1248	1268	
Lower Salt Sand			1275	1498	
Injun			1503	1566	
Weir			1690	1850	
Berea			1990	2140	
Gordon Stray			2140	2290	
<u>Gordon</u>			2390	2400	
TD				2426	

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 JAN 10 1985
 OIL & GAS DIVISION
 DEPT. OF MINES

(Attach separate sheets to complete as necessary)

Energy Re-Development
Well Operator

By E. Muma

Its Owner

NOTE: Regulation 2.02(l) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

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SEP 22 1980
OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 22, 1980

Surface Owner Stephen and Karen Newton
Address 515 Fifth Street Marietta, OH 45057
Mineral Owner Same as above
Address _____
Coal Owner Same as above
Address _____
Coal Operator NA
Address _____

Company Energy Re-Development
Address PO Box 266 Byesville, OH 43723
Farm Stephen Newton Acres 234
Location (waters) _____
Well No. 3 Elevation 782
District Union County Wood
Quadrangle Valley Mills

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 5-24-81.

INSPECTOR
TO BE NOTIFIED K. P. Goodnight
ADDRESS Smithville, WV
PHONE 477-2455

[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 June 29 1979 by Stephen Newton made to Energy Re-Development and recorded on the July 17 day of 1979 1979 in Wood County, Book 724 Page 323

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.

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

Very truly yours,
(Sign Name) *[Signature]*
Well Operator
ENERGY RE-DEVELOPMENT
Box 266
Street
Byesville, OH 43723
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.

47-107-1083 PERMIT NUMBER

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

Signed by *[Signature]*

RECEIVED

