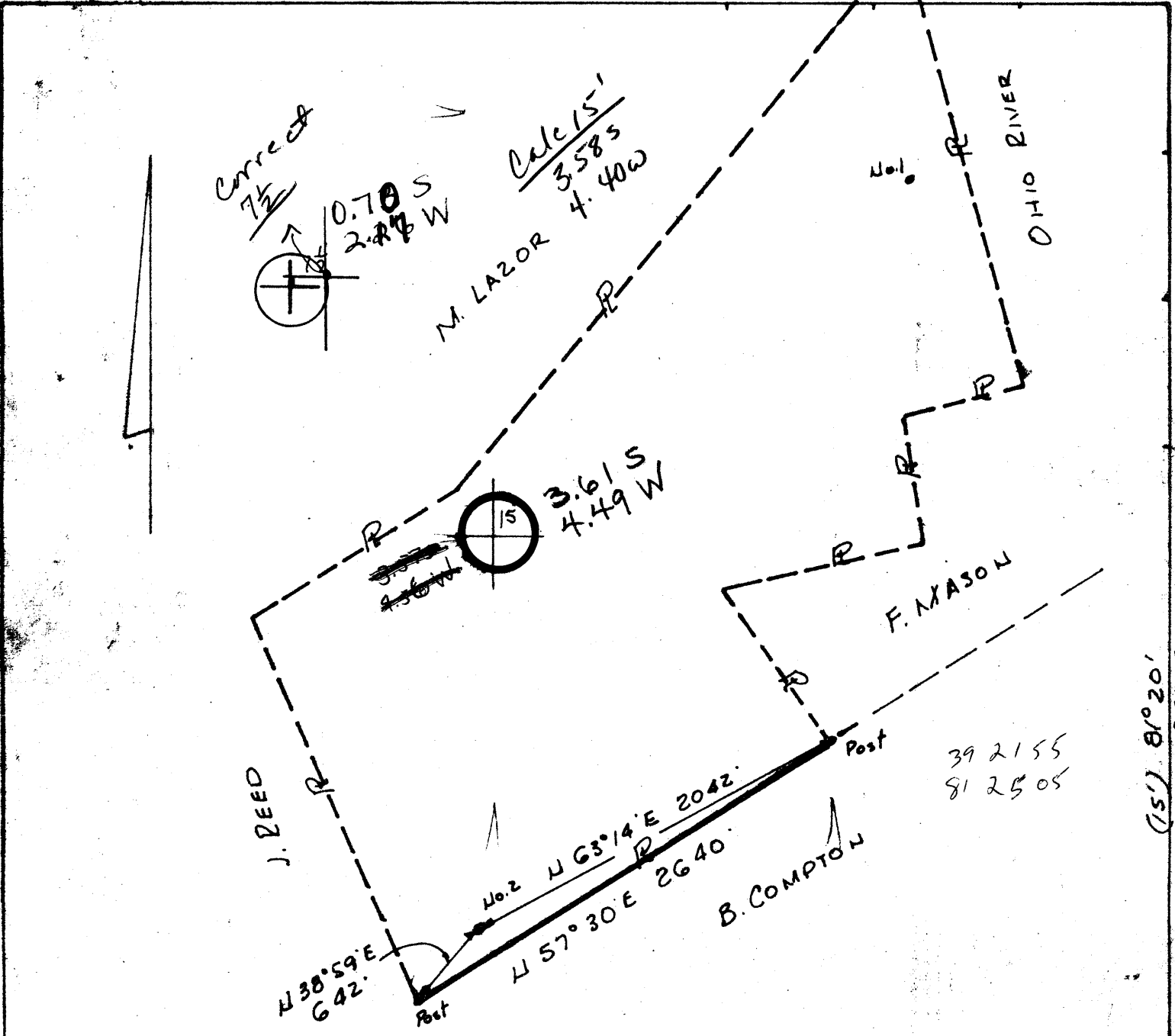


(15) 39° 25'
39° 22' 30"

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.

ELEVATION (Spirit Level) 800 MINIMUM ACCURACY, one part in 200
 DATE 9-18-80 SCALE 1" = 800'

COMPANY ENERGY REDEVELOPMENT
 ADDRESS Box 266 BYESVILLE, OHIO
 FARM STEVE NEWTON
 TRACT _____ ACRES 234 LEASE NO. _____
 WELL (Farm) NO. 2 SERIAL NO. _____
 QUADRANGLE VALLEY MILLS
 COUNTY WOOD DISTRICT UNION
 SURVEYOR or ENGINEER R. Schuchman
 SURVEYOR'S or ENGINEER'S REGISTRATION NO. 3317

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 WELL LOCATION MAP
 FILE NO. 107-1082

♦ 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.

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

Date December 26, 1980

FORM IV-35
(Obverse)

Operator's
Well No. Newton #2

[08-78,

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

API Well No. 47-107 1082
State County W. Va.

WELL TYPE: Oil XX / Gas XX / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas", Production ___ / Underground storage ___ / Deep ___ / Shallow ___ /
LOCATION: Elevation: 800 Watershed: _____
District: Union County: Wood Quadrangle: Valley Mills

WELL OPERATOR Energy Re-Development DESIGNATED AGENT Ervin Morris
Address Box 266 Address Box 266
Byesville, OH 43723 Byesville, OH 43723

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

OIL & GAS DIVISION

PERMIT ISSUED ON September 22, 19 80

OIL & GAS INSPECTOR FOR THIS WORK:

(IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED

Name K. P. Goodnight
Address Smithville, WV

_____, 19 _____

GEOLOGICAL TARGET FORMATION: Gordon Depth 2500 feet

Depth of completed well, 2487 feet Rotary XX / 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 September 26, 19 80; and completed October 3, 19 80

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Rinds
Fresh water								
Coal								Sizes
Intermediate	8 5/8		20	X		250	250	Surface
Production	4 1/2						2487	125 SKS Depth set
Tubing								
Liners								Perforations: Top _____ Bottom _____

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2245-65 feet

Gas: Initial open flow, 15,000 Mcf/d Oil: Initial open flow, 5 bbl/d
Final open flow, 15,000 Mcf/d Final open flow, 0 bbl/d

Time of open flow between initial and final tests, 6 hours

Static rock pressure, 725 psig (surface measurement) after 6 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 _____

Static rock pressure _____

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

See attached copies of cementing and fracing.

WELL LOG

FORMATION	Color	Hard or Soft	33 Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Surface			0	425	
Masburg Sand			425	520	
Sand			520	735	
Broken Sand			800	950	
Salt Sand			1050	1230	
Salt Sand			1245	1300	
Salt Sand			1300	1359	
Salt Sand			1359	1400	
Lower Salt Sand			1400	1596	
Injun			1610	1720	
Weir			1790	1902	
Berea			2050	2095	
Gordon Stray			2245	2295	
Gordon			2295	2340	
TD				2487	

(Attach separate sheets to complete as necessary)

Energy Re-Development
Well Operator _____
By Evin Morris
Owner _____

NOTE: Regulation 2.02(i) 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

RECEIVED

SEP 22 1980

OIL AND GAS WELL PERMIT APPLICATION OIL & GAS DIVISION
DEPT. OF MINES

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

DATE September 22, 1980

Surface Owner Stephen And Karen Newton Company Energy Re-Development

Address 515 Fifth Stree Marietta, OH 45057 Address PO Box 266 Byesville, OH 43723

Mineral Owner Same as above Farm Stephen Newton Acres 234

Address _____ Location (waters) _____

Coal Owner Same as above Well No. 2 Elevation 800

Address _____ District Union County Wood

Coal Operator NA Quadrangle Valley Mills

Address _____

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 17th day of July 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, City or Town
Ohio 43723 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

47-107-1082 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]

**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 Mid-American Contracting NAME Stephen C. Newton
 ADDRESS Box 376 Reno, OH ADDRESS Route #1, Box 389 Williamstown, WV
 TELEPHONE 373-8501 TELEPHONE _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2500' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Gordon
 TYPE OF WELL: OIL X GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8			
7	265		125 SKS
5 1/2			
4 1/2		2600'	125SKS
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 85 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS NA
 IS COAL BEING MINED IN THE AREA? NA 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 two (2) 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