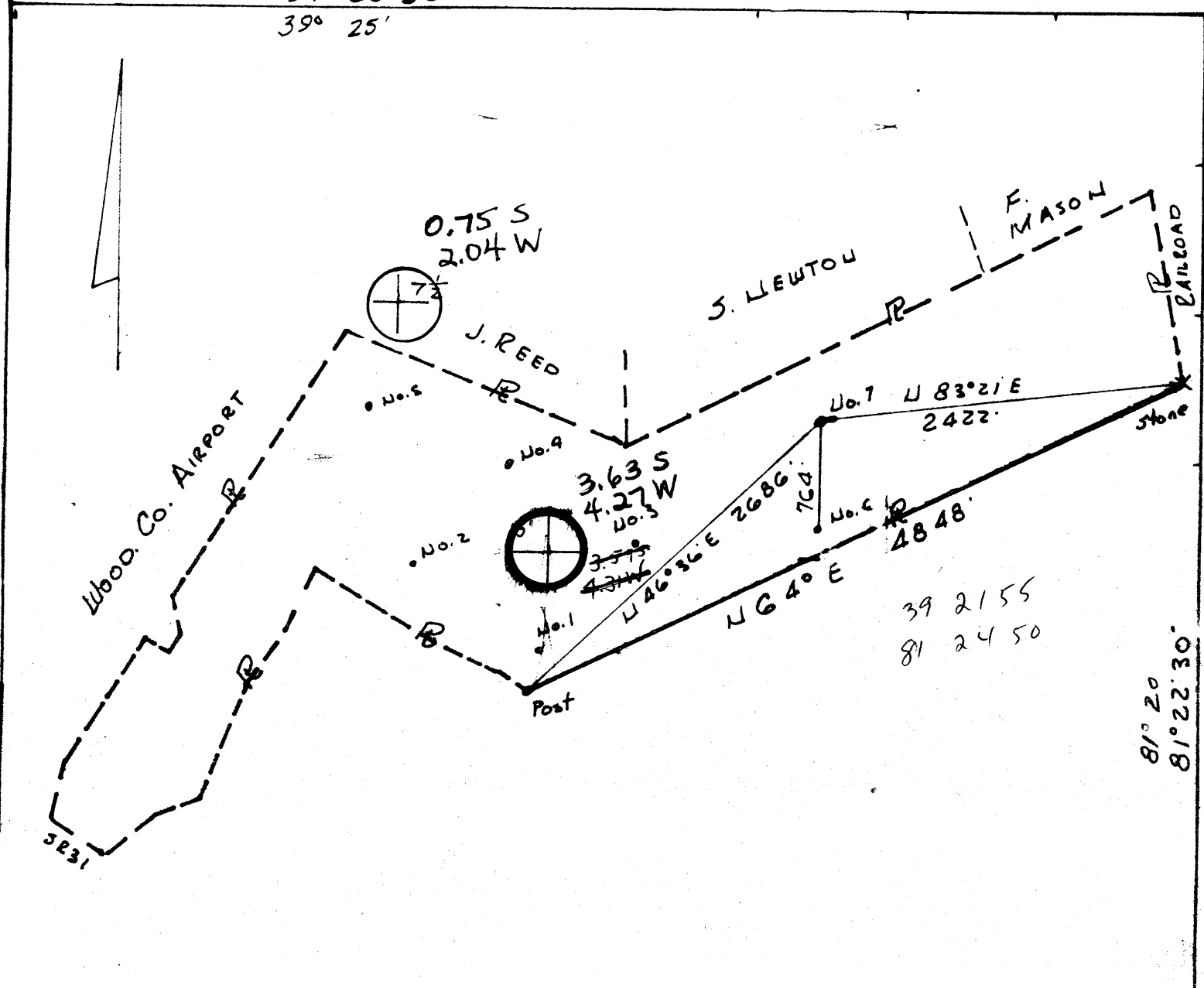


00-9-73-70

39° 22' 30" 5-43
39° 25'



FRACTURE _____
 FENCE _____
 NEW LOCATION X
 WELL 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) 798
 DATE 9-18-80 SCALE 1"=1000'

MINIMUM ACCURACY, one part in 200

COMPANY ENERGY REDEVELOPMENT
 ADDRESS Box 266 BYESVILLE, OHIO
 FROM BEVERLY COMPTON
 TRACT _____ ACRES 252.33 LEASE NO. _____
 WELL (Perm) NO. 7 SERIAL NO. _____
 QUADRANGLE VALLEY MILLS
 COUNTY WOOD DISTRICT UNION
 SURVEYOR OF ENGINEER W.V. Schuchter
 SURVEYOR'S OF ENGINEER'S REGISTRATION NO. 3317

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 WELL LOCATION MAP
 FILE NO. +97-1086
 + 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.
 OCT 10 1980
 BOAZ 2500 Green 70

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

Date December 26, 1980

FORM IV-35
(Obverse)

Operator's
Well No. #7

(08-78,

WELL OPERATOR'S REPORT 35
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

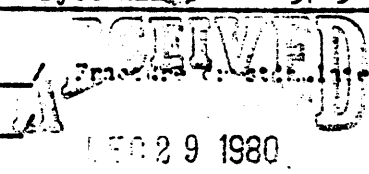
API Well No. 47 - 107 1086
State County F.

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

LOCATION: Elevation: 798 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 XX / Convert / Drill deeper / Redrill /
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, WV

GEOLOGICAL TARGET FORMATION: Gordon Depth 2500 feet

Depth of completed well, 2530 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 October 17, 1980, and completed October 24, 1980

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						2530	Depth set
Tubing								
Liners								Perforations:
								Top Bottom

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2402-25 feet

Gas: Initial open flow, 10,000 Mcf/d Oil: Initial open flow, 5 Bbl/d

Final open flow, 10,000 Mcf/d Final open flow, 5 Bbl/d

Time of open flow between initial and final tests, 8 hours

Static rock pressure, 700 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 21 1981

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

See Attached forms for cementing and fracing.

WELL LOG

FORMATION	Color	Hard or Soft	35 Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Surface			0	520	
Masburg Sand			520	548	
Sand			790	820	
Broken Sand			920	990	
Salt Sand			1005	1055	
Salt Sand			1090	1105	
Salt Sand			1200	1235	
Salt Sand			1245	1318	
Lower Salt Sand			1405	1596	
Injun			1610	1720	
Weir			1790	1905	
Berea			2060	2070	
Gordon Stray			2290	2285	
<u>Gordon</u>			2420	2440	
TD				2530	

(Attach separate sheets to complete as necessary)

Energy Re-Development
Well Operator
By Eric Martin
Its 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

RECEIVED

SEP 22 1980

Oil and Gas Division

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 Beverly Compton

Company Energy Re-Development

Address 515 Fifth St. Marietta, OH

Address Box 266 Byesville, OH 43723

Mineral Owner Same As Above

Farm Beverly Compton Acres 252.33

Address _____

Location (waters) _____

Coal Owner NA

Well No. ? Elevation 801' 798 GR.

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 July 12th 19 80 by Beverly Compton made to Energy Re-Development and recorded on the 23rd day of July 19 80 in Wood County, Book 724 Page 470

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

Very truly yours,
(Sign Name) *Erin Morris*
Well Operator
Energy Re-Development
PO 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.

47-107-1086 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 *Erin Morris*

BLANKET BOND

**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 Mid-American Contracting NAME Stephen C. Newton
 ADDRESS Box 376 Reno, OH ADDRESS Route #1 Box 289 Williamstown, WV
 TELEPHONE 373-8501 TELEPHONE _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2500' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Gordon
 TYPE OF WELL OIL GAS COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	FEET 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'	125 SKS
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 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