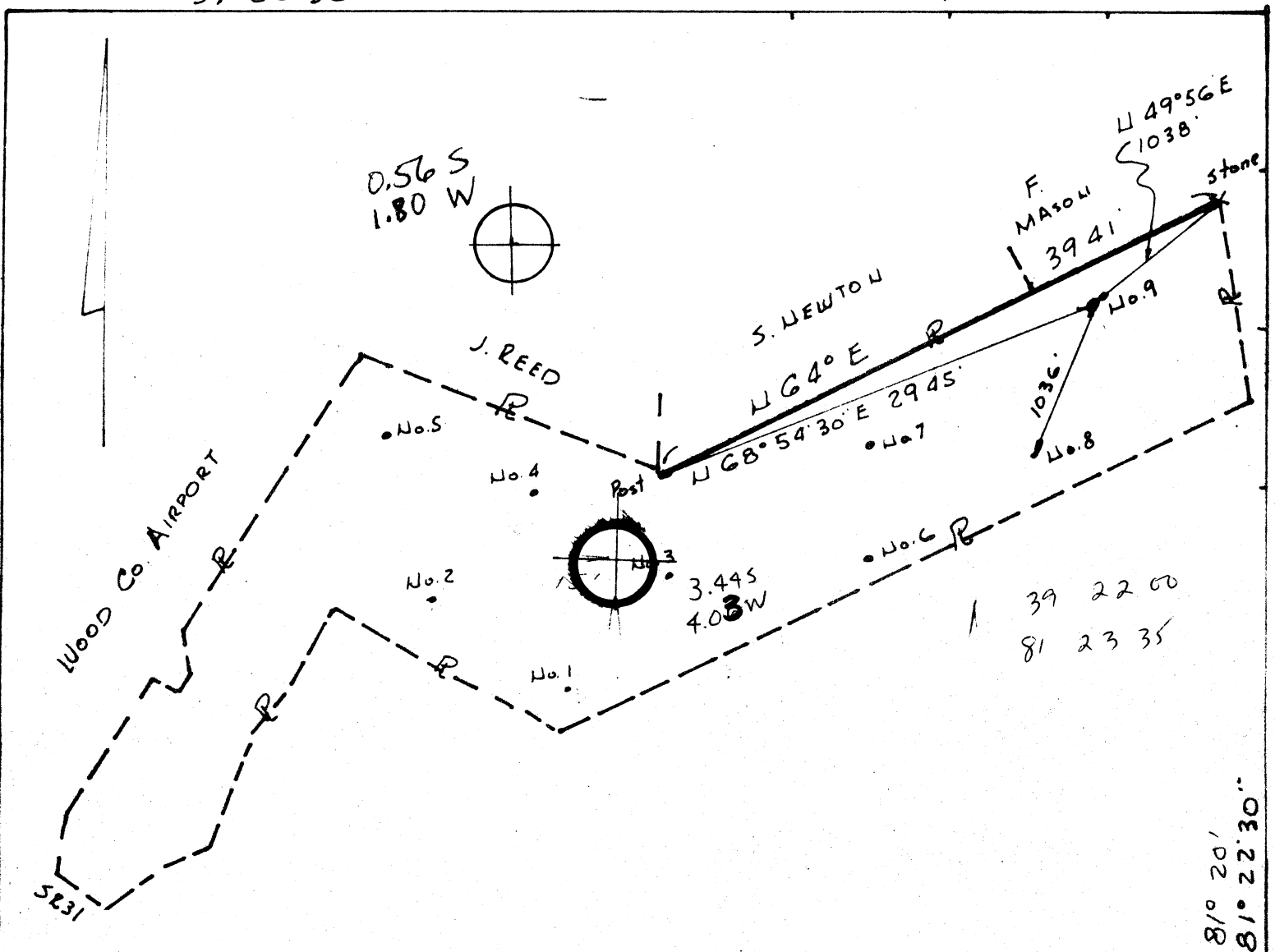


39° 25'
39° 22' 30" 5-41



FEATURES
 REBRILL _____
 NEW LOCATION X
 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) 763 MINIMUM ACCURACY, one part in 200
 DATE 9-19-80 SCALE 1" = 1000'

COMPANY ENERGY REDEVELOPMENT
 ADDRESS Box 266 BYESVILLE OHIO
 FARM BEVERLY COMPTON
 TRACT _____ ACRES 252.33 LEASE NO. _____
 WELL (Farm) NO. 9 SERIAL NO. _____
 QUADRANGLE MARIETTA IS VALLEY MILLS C
 COUNTY WOOD DISTRICT UNION
 SURVEYOR or ENGINEER C. V. 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. +07-1088

- + 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.

2500 GORDON

6-6 BOA 2

70 OCT 10 1980

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

Date: December 3, 1980

Form IV-35
(Obverse)

Operator's
Well No. Compton 45

[08-78,

WELL OPERATOR'S REPORT ³⁰
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

API Well No. 47-107-1088
State County F.

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

LOCATION: Elevation: 763' Watershed: _____
District: Union County: Wood Quadrangle: Valley Hills

WELL OPERATOR Energy Re-Development DESIGNATED AGENT Erwin Morris
Address PO Box 266 Address PO Box 266
Bresville, OH 43723 Bresville, OH 43723

PERMITTED WORK: Drill XX / Convert ___ / Drill deeper ___ / Redrill ___ / Fracture or stimulate ___
Plug off old formation ___ / Perforate new formation ___ / 9 1980
Other physical change in well (specify) _____

OIL & GAS DIVISION
DEPT. OF MINES

PERMIT ISSUED ON September 22, 19 80

OIL & GAS INSPECTOR FOR THIS WORK:

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

Name W. E. Goodnight
Address Smithville, WV

_____, 19 _____

GEOLOGICAL TARGET FORMATION: Gordon Depth 2500 feet

Depth of completed well, 2510 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 November 8, 19 80, and completed November 14, 19 80

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	FATHERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Kinds
Fresh water								
Coal								Sizes
Intermediate	<u>8 5/8</u>		<u>20</u>	<u>X</u>		<u>262</u>	<u>262</u>	Surface
Production	<u>4 1/2</u>						<u>2510</u>	Deaths set.
Tubing								
Liners								Perforations:
								The Bottom

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2402-25 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, 7 Bbl/d

Time of open flow between initial and final tests, 0 hours

Static rock pressure, 500 psig (surface measurement) after 0 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 PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

See Attached copies of cementing and fracing records.

WELL LOG

FORMATION	Color	Hard or Soft	30 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			930	980	
Salt Sand			1003	1053	
Salt Sand			1090	1116	
Salt Sand			1200	1230	
Salt Sand			1250	1316	
Lower Sand Salt			1400	1596	
Injun			1610	1720	
Weir			1790	1902	
Berea			2060	2070	
Gordon Stray			2290	2285	
Gordon			2400	2426	
TD				2510	

(Attach separate sheets to complete as necessary)

Energy Re-Development

Well Operator

By Erin Morris

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

Character of Work

DATE September 22, 1980

Surface Owner Beverly Compton
Address 515 Fifth Street Marietta, OH
Mineral Owner Same As Above

Company Energy Re-Development
Address Box 266 Byesville, OH 43723
Farm Beverly Compton Acres 252.33

Address _____
Coal Owner NA
Address _____
Coal Operator NA

Location (waters) _____
Well No. 9 Elevation 801' 763 GR.
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.

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

[Signature]
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned coal operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto (or in the case may be) under grant or lease dated July 12th 1980 by Beverly Compton made to Energy Re-Development and recorded on the 23rd day of July 1980 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 379
MORGANTOWN, WEST VIRGINIA 26506
AC-304 - 292-6231

Very truly yours,

(Sign Name) Eric 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 to be in violation of 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.

47-107-1088

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 Eric Morris

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)

NAME **Mid-American Contracting**

RESPONSIBLE AGENT **Stephen C. Newton**

ADDRESS **Box 376 Reno, OH**

ADDRESS **Route #1 Box 289 Williamstown, W**

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 STRING	USED FOR	FEET IN WELL	CEMENT HEAD CP	OR SACKS - CEMENT
20 - 16				
13 - 10				
9 - 5/8				
8 - 5/8				
7				
5 1/2	265		125 SKS	
4 1/2		2600'	125 SKS	
3				
2				
Layers				

APPROXIMATE FRESH WATER DEPTHS **85** FEET
SALT WATER **FEET**
IS COAL BEING MINED IN THE AREA? **NA** BY WHOM?
APPROXIMATE COAL DEPTHS **NA**

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