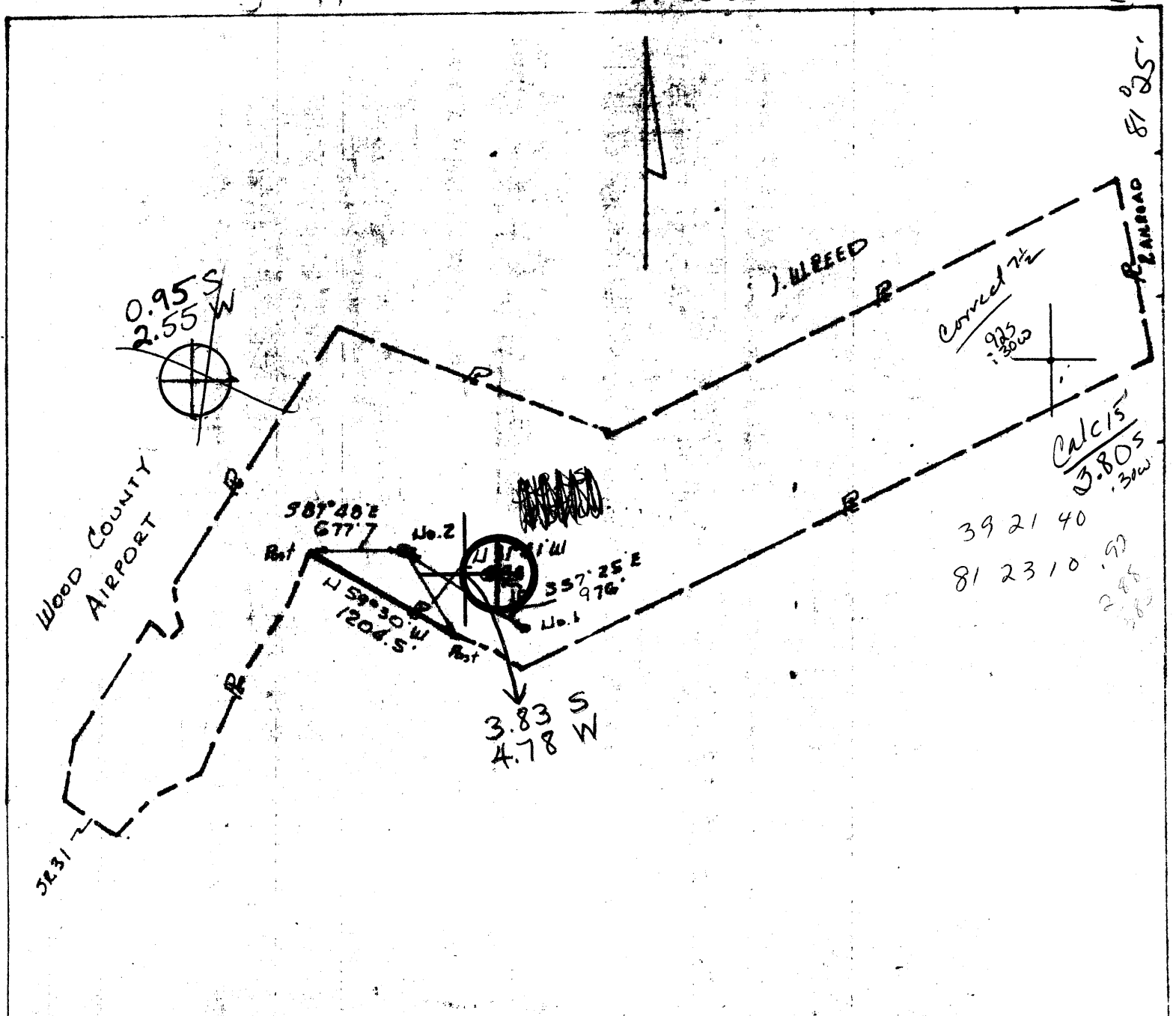


5-41

(15) 39° 25'
39° 22' 30"

1518120
872230



39 21 40
81 23 10
CALC 15
3.805
2.85
300

- FRACTURE
- REDRILL
- 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) 780.2
DATE 6-9-80 STATE W. VA.

MINIMUM ACCURACY, one part in 200

COMPANY ENERGY REDEVELOPMENT
 ADDRESS Box 266 BYESVILLE OHIO
 FARM BEVERLY COMPTON
 TRACT _____ ACRES 252.33 LEASE NO. _____
 WELL (Farm) NO. 2 SERIAL NO. MARIETTA 15'
 QUADRANGLE VALLEY MILLS 7 1/2' C
 COUNTY WOOD RESERVE UNION
 SURVEYOR or ENGINEER Thomas D. Schultheis
 SURVEYOR'S or ENGINEER'S REGISTRATION NO. 604

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL LOCATION MAP
 FILE NO. 107-1045

- Denotes location of well on United States Topographic Maps, Scale 1 to 100,000 latitude and longitude lines being represented by border lines as shown.
- Denotes one inch spaces on border line of original tracing.

2500' GORDON

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

Date: December 2, 1980

FORM IV-35
(Obverse)

Operator's
Well No. Compton #2
API Well No. 47-107-1045
State County F.

(08-78)

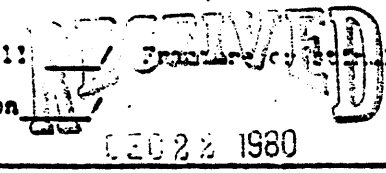
WELL OPERATOR'S REPORT OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 780.1 Watershed: _____
District: Union County: Wood Quadrangle: Valley Mills

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

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



PERMIT ISSUED ON July 14, 1980 OIL & GAS DIVISION
OIL & GAS INSPECTOR FOR THE DEPT. OF MINES
(IF APPLICABLE: PLUGGING OF DRY HOLE OR 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, 2535 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 11, 1980, and completed October 16, 1980

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								Kinds
Fresh water								
Coal								Sizes
Intermediate	<u>5/8"</u>		<u>20</u>	<u>X</u>		<u>250</u>	<u>250</u>	Surface
Production	<u>1 1/2"</u>						<u>2535</u>	Depth set.
Tubing								
Liners								Perforations:
								Top Bottom

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 2405-25 feet
Gas: Initial open flow, 12000 Mcf/d Oil: Initial open flow, 4 Bbl/d
Final open flow, 15000 Mcf/d Final open flow, 10 Bbl/d
Time of open flow between initial and final tests, 8 hours
Static rock pressure, 225 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 PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

See attached cementing and fracing records.

WELL LOG

FORMATION	Color	Hard or Soft	31 Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Surface			0	595	
Masburg Sand			595	745	
First Cow Run			827	859	
Second Cow Run			964	1044	
Gas Sand			1169	1369	
Salt Sand			1406	1459	
Salt Sand			1459	1500	
Salt Sand			1500	1540	
Salt Sand			1540	1596	
Injun			1610	1720	
Weir			1790	1902	
Berea			2060	2070	
Gordon Stray			2290	2285	
Gordon			2402	2500	
TD				2535	

(Attach separate sheets to complete as necessary)

Energy Development
Well Operator

By Eric 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."



RECEIVED

JUL 14 1980

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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 July 10, 1980

Surface Owner Beverly Compton

Company Energy Re-Development

Address 515 Fifth St. Marietta, OH 45750

Address Box 266 Byesville, OH 43723

Mineral Owner Beverly Compton

Farm Beverly Compton Acres 252.33

Address Same As Above

Location (waters)

Coal Owner NA

Well No. 2 Elevation 780.2

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 3-16-81.

INSPECTOR

TO BE NOTIFIED K P Goodnight

ADDRESS Smithville, WV

PHONE 477-2455

Frank Burdette
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 12 1979 by Beverly Compton made to Energy Re-Development and recorded on the 23 day of July 1979, 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.

Very truly yours,

(Sign Name) Eric Morris
Well Operator
ENERGY RE-DEVELOPMENT
Box 266

Address
of
Well Operator

Street

Byesville

City or Town

Ohio 43723

State

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

*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.

47-107-1045

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

PLANNED 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 Quest Drilling NAME Stephen C. Newton
 ADDRESS Route #2 New Concord, OH 43762 ADDRESS Route #1, Box 289 Williamstown, WV
 TELEPHONE 614-826-1144 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	FEET IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
10 - 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
1 1/2			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 ~~twelve~~ 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