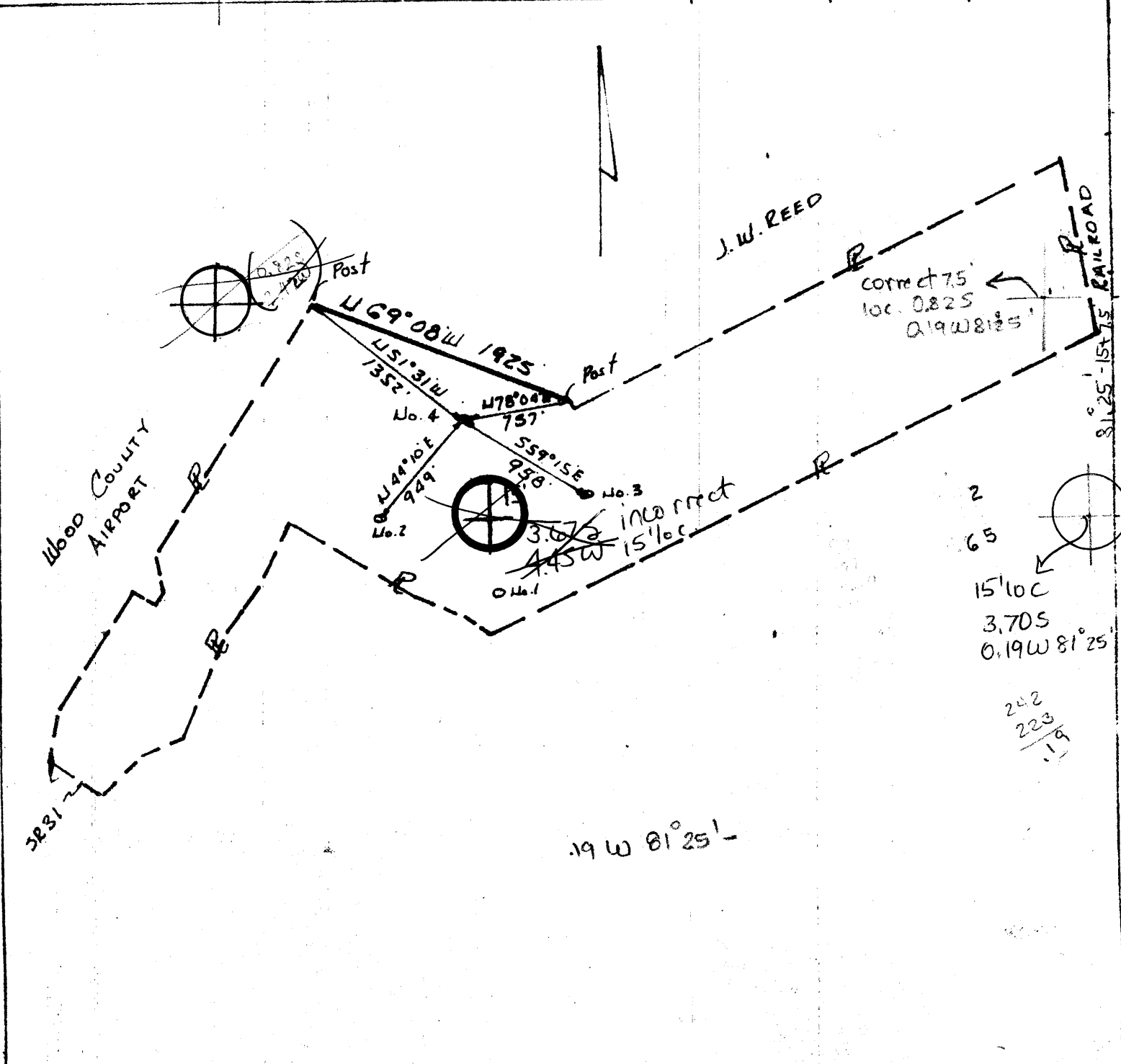


02-22-18
02-18-15

(15') 39° 25'
39° 22' 30"



- 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) 787.4
Date 6-9-80 Scale 1"=1000'

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. 4 LEASE NO. MARIETTA 15'

QUADRANGLE VALLEY MILLS 7 1/2' WC

COUNTY Wood DISTRICT UNION

SURVEYOR OR ENGINEER Thomas D. Schulteis

SURVEYOR OR ENGINEER REGISTRATION NO. 604

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

WELL LOCATION MAP
FILE NO. 107-1047

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

Denotes one inch spaces on border line of original tracing.
2500' GORDON
AUG 11 1980

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

Date September 2, 1980

FORM IV-35
(Obverse)

Operator's
Well No. Beverly Compton #4

(08-78,

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

API Well No. 47-107-1047
State County P.

WELL TYPE: Oil X / Gas X / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production ___ / Underground storage ___ / Deep ___ / Shallow ___)
LOCATION: Elevation: 787.4 Watershed: _____
District: Union County: Wood Quadrangle: Valley Mills

WELL OPERATOR Energy Re-Development DESIGNATED AGENT Ervin Morris
Address P. O. Box 266 Address P. O. Box 266
Byesville, Ohio 43723 Byesville, Ohio 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) _____

PERMIT ISSUED ON July 14, 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 K. P. Goodnight
Address Smithville, W VA

GEOLOGICAL TARGET FORMATION: Salt Sand Depth 1305 feet
Depth of completed well, 1305 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 July 21, 19 80, and completed August 2, 19 80

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								Kind
Fresh water								
Coal								Sizes
Intermediate	<u>5 1/2</u>		<u>14.5</u>	<u>X</u>		<u>1305</u>	<u>1305</u>	<u>200 sbs to Surface</u>
Production								Depth set.
Tubing								
Liners								Perforations
								Top Section

OPEN FLOW DATA

Producing formation Salt Sand Pay zone depth 1084-1281 feet
Gas: Initial open flow, show 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, 300 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

RECEIVED
JAN 10 1985

OIL & GAS DIVISION
DEPT. OF MINES

JAN 28 1985

[08-78]

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

1274 to 1281 8 shots
1200 to 1210 21 shots
1084 to 1100 10 shots

No frac, produce natural

See attached cementing invoice.

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			500	600	
Masburg Sand			760	805	
Sand			885	960	
Broken Sand			995	1050	
Salt Sand			1070	1105	
Salt Sand			1185	1215	
Salt Sand			1250	1285	
TD				1305	

(Attach separate sheets to complete as necessary)

Energy Re-Development
Well Operator

By E. Morris

Its Owner

NOTE: Regulation 2.02(1) 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

JUL 14 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 July 10, 1980

Surface Owner Beverly Compton
Address 515 Fifth St. Marietta, OH 45750
Mineral Owner Beverly Compton
Address Same as above
Coal Owner NA
Address _____
Coal Operator NA
Address _____

Company Energy Re-Development
Address Box 266 Byesville, OH 43723
Farm Beverly Compton Acres 252.33
Location (waters) _____
Well No. 4 Elevation 787.4
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 3-16-81.

INSPECTOR

TO BE NOTIFIED K. P. Goodnight

ADDRESS Smithville, WV

PHONE 477-2455

Fred B. ...
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 Monis
Well Operator
ENERGY RE-DEVELOPMENT
Box 266
Street
Byesville, OH
City or Town
Ohio
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

Address
of
Well Operator

*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.

47-107-1047

PERMIT NUMBER

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

Signed by Eric Monis

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 Quest Drilling NAME Stephen C. Newton
 ADDRESS Route #@ New Concord, OH 43762 ADDRESS Route #1, Box 289 Williamstown, WV
 TELEPHONE 614-826-4144 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	LEFT 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