



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

RECEIVED

Quadrangle Pt. Pleasant
Permit No. Mas-133

Rotary * Oil
Cable Gas *
Recycling Comb.
Water Flood Storage
Disposal (Kind)

Company David Freshwater
Address Box 585, Spencer, W. Va.
Farm D. & K. Farms Acres 997.60
Location (waters) Potter Ck.
Well No. #2 Elev 643 - 64
District Robinson County Mason
The surface of tract is owned in fee by

Address
Mineral rights are owned by
 Address
Drilling Commenced 6-30-75
Drilling Completed 7-5-75
Initial open flow cu. ft. bbls.
Final production 50,000 cu. ft. per day bbls.
Well open hrs. before test 760# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8	242'	242'	50 Sks.
7		1858'	50 Sks.
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Treated with 102 sticks of 80% hercules gas well gelatin
10,200# shot from T. D. 3475-2365'

50 MCF

Coal was encountered at Feet Inches
Fresh water Feet Salt Water Feet
Producing Sand Dev. Shale Depth 2365' - 3475' T.D.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
From KB-650	Coffee shale		1704'	1714'		
	Brea Gret		1714'	1749'		
	Shale		1749'	1858'		T.D. 8 3/4 Hole
	Shale		1858'	2660'		
	Sand & Shale		2660'	3410'		T. D. 6 1/2 Hole
	Lime		3410'	3475'		
						Well Logged by Basin

GR Log - 650100
W 2670
J 3052
A 3160
R 3302
D 3410 (-2760)

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
JUN 30 1975

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE June 30, 1975
Company David A. Freshwater
Address Box 585, Spencer, W. Va. 25276
Farm D & K Farms Acres 997.60
Location (waters) Potter Creek
Well No. 2 Elevation 643
District Robinson County Mason
Quadrangle Point Pleasant

Surface Owner D & K Farms
Address _____
Mineral Owner _____
Address _____
Coal Owner _____
Address _____
Coal Operator _____
Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

If provisions being in accordance with Chapter 29 of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 10-30-75.

Robert H. Ford
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Martin Niskala
PH: 485-6993 ADDRESS Academy Hill 25045

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 _____ 19____ by _____ made to _____ and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____

XXXXXXXX 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) David Freshwater
Well Operator

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

Address
of
Well Operator

Box 585
Street
Spencer
City or Town
West Virginia 25276
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.

BOND BILL

47-053 PERMIT NUMBER

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XXXXX DRILL _____ DEEPEN _____ FRACTURE STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME David Freshwater NAME R. L Mann
 ADDRESS Box 585 Spencer, W. Va. ADDRESS Box 51, Spencer, W. Va.
 TELEPHONE 927-1148 TELEPHONE 927-1148
 ESTIMATED DEPTH OF COMPLETED WELL: 4000' ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Shale
 TYPE OF WELL: OIL _____ GAS xxx 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	225	225	75 sk s.
9 - 5/8			
8 - 5/8			
7		1800	50
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80 FEET SALT WATER FEET
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? _____ 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