

W. DOTY
T.M. 7-22
31 AC.

B. MONROE
T.M. 7-21
133.52 AC.

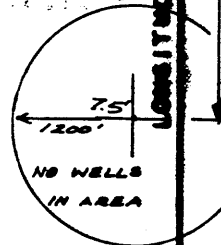
A. SHEPHERD
T.M. 10-05
45 AC.

B. MONROE
T.M. 10-1
89.11 AC.

T. CHILDERS
T.M. 10-3
134.02 AC.

WESTVACO
T.M. 10-6
45 AC.

WESTVACO
T.M. 10-24
220.8 AC.

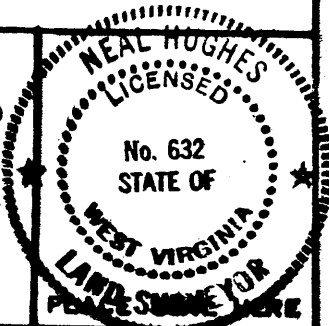


NORTH

LONGITUDE 87° 00'

FILE NO. 81-32
DRAWING NO. 3
SCALE 1"=500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION BM 806

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
(SIGNED) Neal Hughes
R.P.E. _____ L.L.S. 632



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
FORM IV-6
(8-78)



DATE SEPT. 8, 1981
OPERATOR'S WELL NO. H. JEMISON #3
API WELL NO. 47-095-0991
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Cancelled

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____)
LOCATION: ELEVATION 845 WATER SHED SUGAR CREEK
DISTRICT MEADE COUNTY TYLER

QUADRANGLE BENS RUN
SURFACE OWNER BILL MONROE ACREAGE 133.52
OIL & GAS ROYALTY OWNER H. JEMISON LEASE NO. _____ LEASE ACREAGE 158

PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUS AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION et. shale ESTIMATED DEPTH 4700' DEC 17 1981
WELL OPERATOR BISON INC. DESIGNATED AGENT HAROLD E. WILSON
ADDRESS RT 2 Box 83 ST. MARYS W.V. 26170 ADDRESS RT 2 Box 83 ST. MARYS W.V. 26170

LATITUDE 39° 25'

W. DOTY
T.M. 7-22
3/AC. 1.145
0.125

B. MONROE
T.M. 7-21
133.52 AC.

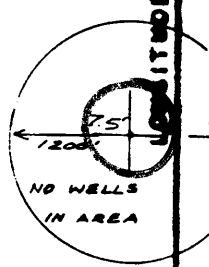
A. SHEPHERD
T.M. 10-05
45 AC.

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T.M. 10-1
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T.M. 10-3
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WESTVACO
T.M. 10-6
45 AC.

WESTVACO
T.M. 10-24
220.8 AC.



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LONGITUDE 87° 00'

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FORM IV-6
(8-78)



DATE SEPT. 8, 1981
OPERATOR'S WELL NO. H. JEMISON #3
API WELL NO. 47-095-0991
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
LOCATION: ELEVATION 845 WATER SHED SUGAR CREEK
DISTRICT MEADE COUNTY TYLER
QUADRANGLE BENS RUN St. Marys EC
SURFACE OWNER 316 MONROE ACREAGE 133.52
OIL & GAS ROYALTY OWNER H. JEMISON LEASE NO. _____ LEASE ACREAGE 158
PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION _____ ESTIMATED DEPTH _____
WELL OPERATOR BISON INC. DESIGNATED AGENT HAROLD E. WILSON
ADDRESS RT 2 Box 83 ADDRESS RT 2 Box 83
ST. MARYS W.V. ST. MARYS W.V.
26170 26170



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

MAR 18 1982

Oil and Gas Division

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE March 15, 1982

Surface Owner Bill Monroe

Company Bison, Inc.

Address Bens Run, WV.

Address Rt. 2 Box 83 St. Marys, WV.

Mineral Owner Herman Jemison

Farm Bill Monroe Acres 133.52

Address 105 Wash. St. Paden City, WV. 26159

Location (waters) Sugar Creek

Coal Owner N/A

Well No. 3 Elevation 845'

Address _____

District Meade County Tyler

Coal Operator _____

Quadrangle Bens Run

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE.

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22 INSPECTOR

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY TO BE NOTIFIED Robert Lowther

APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE 11-24-82

IF OPERATIONS HAVE NOT COMMENCED BY 11-24-82 ADDRESS Middlebourne, WV

BY [Signature] PHONE 758-4764

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 Aug. 29 19 81 by Don Wagner made to Bison, Inc. and recorded on the 9th. day of Sept. 19 81, in Tyler County, Book 233 Page 196
 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

Address of Well Operator

Very truly yours,
(Sign Name) Bison, Inc. Harold E. Wilson Pres
Well Operator
Rt. 2 Box 83
Street
St. Marys,
City or Town
WV.
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.

47-095-0991

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 Harold E. Wilson

BLANKET 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 Unknown NAME Harold E. Wilson
 ADDRESS _____ ADDRESS Rt. 2 Box 83 St. Marys, WV.
 TELEPHONE _____ TELEPHONE 304-684-3994
 ESTIMATED DEPTH OF COMPLETED WELL: 4700' ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Devonian Shale
 TYPE OF WELL: OIL X GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT (HIT UP OR SACKS - CUBIC FT.)
20 - 16			
13 - 10	<u>80'</u>	<u>40'</u>	
9 - 5/8			
8 - 5/8	<u>950'</u>	<u>950'</u>	Cement up to surface
7			
5 1/2			
4 1/2	<u>4700'</u>	<u>4700'</u>	Cement up 2700'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 350' FEET SALT WATER 1100' FEET
 APPROXIMATE COAL DEPTHS N/A
 IS COAL BEING MINED IN THE AREA? No 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