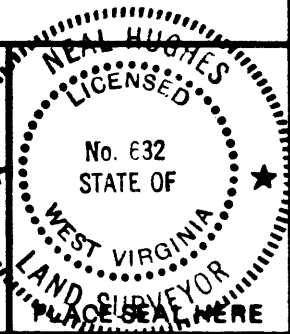


FILE NO. 82-7  
 DRAWING NO. 1  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION BM 769

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)

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 930' WATER SHED SUGAR CREEK  
 DISTRICT MEADE COUNTY TYLER  
 QUADRANGLE MIDDLEBOURNE 7.5'  
 SURFACE OWNER R. EVANS ACREAGE 74.3  
 OIL & GAS ROYALTY OWNER Same LEASE ACREAGE \_\_\_\_\_  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION Devonian Shale ESTIMATED DEPTH 4700'  
 WELL OPERATOR BISON INC. DESIGNATED AGENT HAROLD WILSON  
 ADDRESS RT. 2 BOX 83 ADDRESS SAME  
ST. MARYS, W.VA. 26170

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE FEB. 22, 19 82  
 OPERATOR'S WELL NO. LYTTON 1  
 API WELL NO. \_\_\_\_\_  
47 - 095 - 0987  
 STATE COUNTY PERMIT  
Cancelled

MAR 25 1985

S. SHULTZ  
T.M. 4-27  
271.3 AC.

R. NORTON  
T.M. 4-30  
90.18 AC.

C. MORRIS  
T.M. 7-4  
74.5 AC.

T.M. 7-5.1  
5.7 AC.

H. GREGG  
T.M. 7-6  
75 AC.

R. SMITH  
T.M. 7-9  
68.5 AC.

R. EVANS  
T.M. 7-5  
74.3 AC.

J. GORRELL  
T.M. 7-10  
202 AC.

T.M. 7-14  
50 AC.

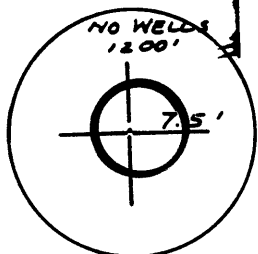
5.285  
4.10W

R. GORRELL  
T.M. 7-15  
242.5 AC.

NORTH

LONGITUDE 80° 57' 30" 80° 55'

12,675'



FILE NO. 82-7  
DRAWING NO. 1  
SCALE 1" = 500'  
MINIMUM DEGREE OF ACCURACY 1/200  
PROVEN SOURCE OF ELEVATION BM 769

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

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6 (8-78)



DATE FEB. 22, 19 82  
OPERATOR'S WELL NO. LYTTON 1  
API WELL NO. \_\_\_\_\_  
47 - 095 - 0987  
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 930' WATER SHED SUGAR CREEK

DISTRICT MEADE COUNTY TYLER

QUADRANGLE MIDDLEBOURNE 7.5' West Union 15' NW

SURFACE OWNER R. EVANS ACREAGE 74.3

OIL & GAS ROYALTY OWNER Same LEASE ACREAGE \_\_\_\_\_

LEASE NO. \_\_\_\_\_

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

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_

TARGET FORMATION Devonian Shale ESTIMATED DEPTH 4700'

WELL OPERATOR BISON INC. DESIGNATED AGENT HAROLD WILSON

ADDRESS RT. 2 BOX 83 ADDRESS SAME

ST. MARYS, W.VA. 26170

MAR 29 1982



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE February 25, 1982

Surface Owner R. H. Evans

Company Bison, Inc.

Address New Martinsville, W. Va.

Address 111 Lafayette St. St. Marys, W. Va. 26170

Mineral Owner Same

Farm R. Evans Acres 74.3

Address

Location (waters) Sugar Creek

Coal Owner N/A

Well No. 1 - Lytton Elevation 930'

Address

District Meade County Tyler

Coal Operator

Quadrangle Middlebourne

Address

THIS PERMIT MUST BE POSTED AT THE WELL SITE.

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,

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

APPROVED FOR drilling THIS PERMIT SHALL EXPIRE IF OPERATIONS HAVE NOT COMMENCED BY 11-9-82 ADDRESS Middlebourne, W. Va.

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 January 20 19 82 by Donald J. Wagner made to Bison, Inc. and recorded on the 5th day of Feb. 19 82, in County, Book 237 Page 172 & 176

X 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

Very truly yours, (Sign Name) Delmar Stewart Bison, Inc. Well Operator

Address of Well Operator 111 Lafayette St. Suite 303 Street St. Marys, City or Town West Virginia 26170 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.

47-095-0987 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 [Signature] BISON

RECEIVED

MAR 01 1982

OIL AND GAS DIVISION WV DEPARTMENT OF MINES

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 \_\_\_\_\_ NAME Bison, Inc.  
 ADDRESS \_\_\_\_\_ ADDRESS 111 Lafayette St. Suite 303  
 TELEPHONE \_\_\_\_\_ TELEPHONE 304-684-2491 St. Marys, W. Va. 26170  
 ESTIMATED DEPTH OF COMPLETED WELL: 4700' ROTARY  CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Devonian Shale  
 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	40'	40'	
9 - 5/8			
8 - 5/8	1030'	1030'	Cement up to Surface
7			
5 1/2			
4 1/2	4700'	4700'	470 sacks or as. req. by rule 15.01
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 350 FEET SALT WATER 1000' 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