

Plot Card 050

LATITUDE 39° 22' 30" N.

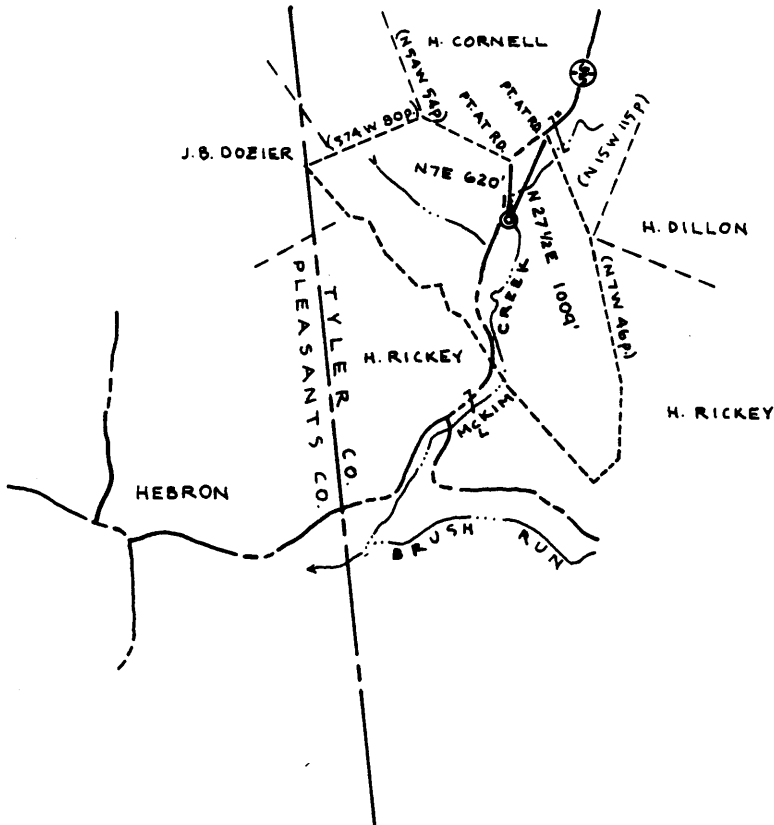
0.455
0.18W

7 1/2 MIN.

LONGITUDE 81° 00' 00" W.

15
3.305
1.18W

NORTH



FILE NO. 82-35
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD
 INTERSECTION : 772

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) William Ambrose
 R.P.E. _____ L.L.S. 568

PLACE SEAL HERE

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

FORM IV-6 (8-78)



DATE 22 JULY, 19 82
 OPERATOR'S WELL NO. GROVE #1
 API WELL NO. _____
47 - 095 - 0999
 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 770' WATER SHED MCKIM CREEK
 DISTRICT MEADE COUNTY TYLER
 QUADRANGLE ELLENBORO St. Mary's EC
 SURFACE OWNER A. GROVE, L. STANLEY, J. BYERS ACREAGE 101.3 ACRES
 OIL & GAS ROYALTY OWNER A. GROVE, L. STANLEY, J. BYERS LEASE ACREAGE 101.3 ACRES
 LEASE NO. 47-001
 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 4500' AUG 30 1982
 WELL OPERATOR MIDLAND ENERGY CORP. DESIGNATED AGENT Herman Dillon
 ADDRESS c/o FRANKLIN ENERGY CORP., 3360 0512 ADDRESS P.O. Box 28
EAST LIVINGSTON AVE., COLUMBUS, OHIO 43227 St. Mary's WV 26170



Date: 22 July, 19 82

Operator's Well No. Grove #1

API Well No. 47 095 0999
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION
OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas
(If "Gas", Production / Underground storage _____ / Deep _____ / Shallow /)

LOCATION: Elevation: 770' Watershed: McKim Creek
District: Meade County: Tyler Quadrangle: Ellenboro

WELL OPERATOR Midland Energy Corporation DESIGNATED AGENT Herman Dillon
Address Franklin Enterprises 3360 E. Livingston Columbus, OH 43227 Address PO Box 28 St. Marys, WV 26170

OIL & GAS ROYALTY OWNER A. Grove, L. Stanley, J. Byers
Address Rt 1 St. Marys, WV 26170

COAL OPERATOR N/A
Address _____

Acres 101.3

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER A. Grove, L. Stanley, J. Byers
Address Rt. 1 St. Marys, WV 26170

Name _____
Address _____
RECEIVED
AUG 25 1982

Acres 101.3

Name _____
Address _____
**OIL AND GAS DIVISION
WV DEPARTMENT OF MINES**

FIELD SALE (IF MADE) TO:
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Robert A. Lowther
Address Middlebourne, West Virginia 26149
(304) 758-4764

Name _____
Address _____

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed _____ / lease _____ other contract / dated June 22, 1982, to the undersigned well operator from Franklin Enterprises Inc.

(If said deed, lease, or other contract has been recorded:) In the process of being recorded.
Recorded on _____, 19_____, in the office of the Clerk of the County Commission of _____ County, West Va., in _____ Book _____ at page _____. A permit is requested as follows:

PROPOSED WORK: Drill / Drill deeper _____ / Redrill _____ / Fracture or stimulate /
Plug off old formation _____ / Perforate new formation _____ /
Other physical change in well (specify) _____
_____ planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

Midland Energy Corporation
Well Operator
By [Signature]
Its President

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) S & B DRILLING COMPANY

Address P. O. BOX 1170

CAMBRIDGE, OHIO 43725

GEOLOGICAL TARGET FORMATION, (Devonian Shale) RILEY

Estimated depth of completed well, 4500' feet Rotary x / Cable tools /

Approximate water strata depths: Fresh, 20 feet; salt, 250 feet.

Approximate coal seam depths: N.A. Is coal being mined in the area? Yes / No x /

Salt Sand = 1000'

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			New	Used	FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft			For drilling	Left in well		
Conductor	13"				x	50'	50"	10sks	Kinds
Fresh Water									
Coal									Sizes
Intermediate	8 5/8"	N80		x		1250	1250	fill-up	
Production	4 1/2"	J55	10 1/2	x		4500	4500	3350' fill-up	Depths set
Tubing	2 7/8"			x			4450		
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

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
APPROVED FOR Drilling, THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 4-26-83,
BY [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19 _____

[Handwritten initials]

By _____