

FILE NO. 82-235
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION B.M. ON ELK ROAD (885')

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) Chester B. Waterman
 R.P.E. 3788 L.L.S. _____

CHESTER B. WATERMAN
 REGISTERED
 No. _____
 S. _____
 PLACE SEAL HERE

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



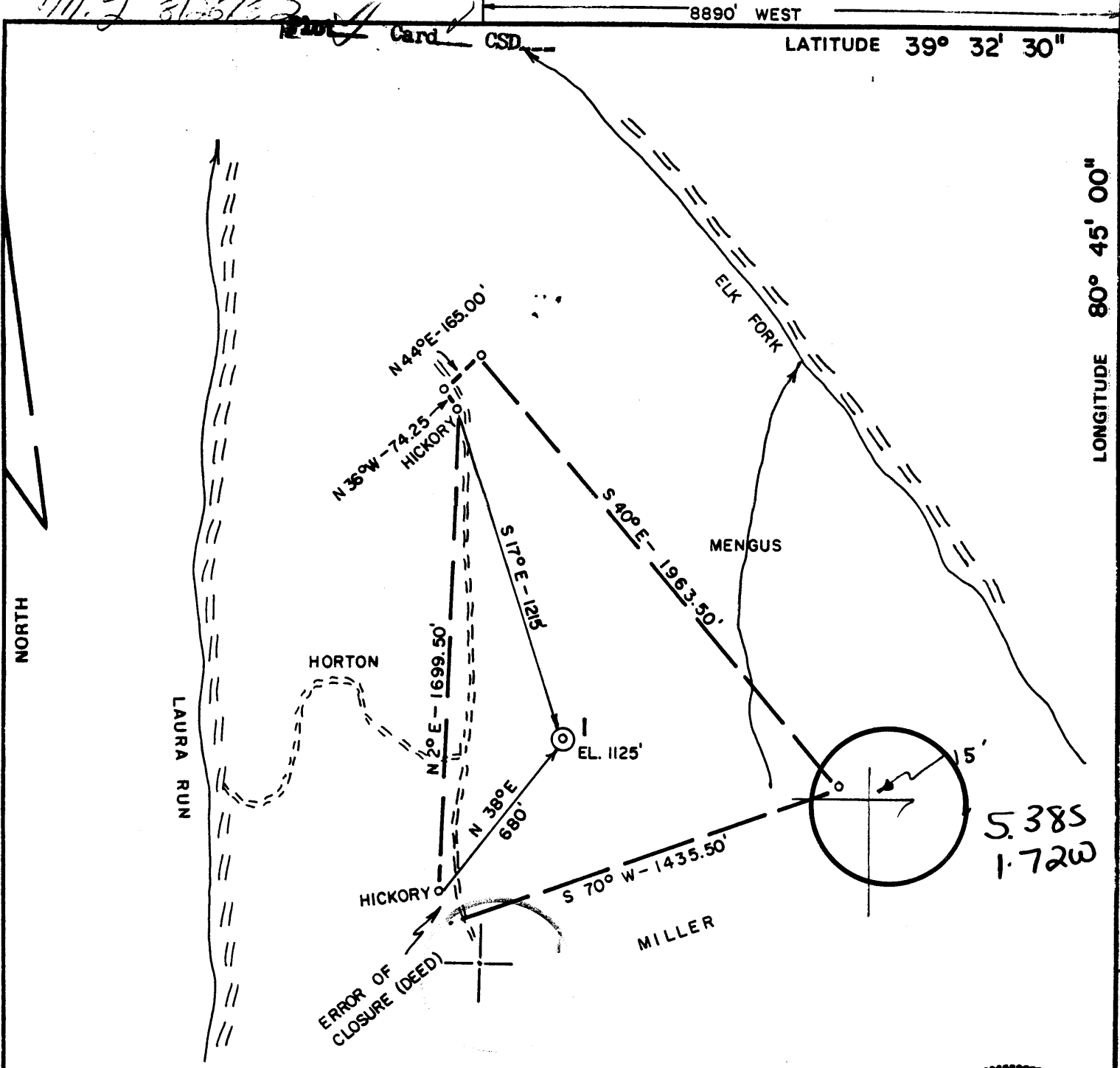
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE 6/25 1982
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-095-1001
 STATE COUNTY PERMIT

CANCELLED

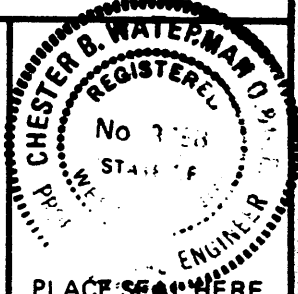
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1125 WATER SHED ELK FORK
 DISTRICT ELLSWORTH COUNTY TYLER
 QUADRANGLE PORTERS FALLS 7.5
 SURFACE OWNER J. W. FERRELL ACREAGE 29.54
 OIL & GAS ROYALTY OWNER N. W. FERRELL LEASE ACREAGE 29.54
 LEASE NO. _____
 PROPOSED WORK: DRILL X 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 MARCELLUS SHALE ESTIMATED DEPTH 5500'
 WELL OPERATOR RIMROCK PRODUCTION CORP. DESIGNATED AGENT ROBERT MURDOCK
 ADDRESS 4424 "B" EMERSON AVE. ADDRESS SAME
PARKERSBURG, WV 26101

TYLER - 1001



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 (SIGNED) Chester B. Waterman
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 FORM IV-6 (8-78)



DATE 6/25, 1982
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-095-1001
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1125 WATER SHED ELK FORK
 DISTRICT ELLSWORTH COUNTY TYLER
 QUADRANGLE PORTERS FALLS 7.5' New Martinsville 15' SE
 SURFACE OWNER J. W. FERRELL ACREAGE 29.54
 OIL & GAS ROYALTY OWNER N. W. FERRELL LEASE ACREAGE 29.54

PROPOSED WORK: DRILL X 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 MARCELLUS SHALE ESTIMATED DEPTH 5500'
 WELL OPERATOR RIMROCK PRODUCTION CORP. DESIGNATED AGENT ROBERT MURDOCK
 ADDRESS 4424 "B" EMERSON AVE. ADDRESS SAME
PARKERSBURG, WV 26101

SEP 13 1982



Date: July 19, 19 82

Operator's Well No. J. W. Ferrell

API Well No. 47 095 1001
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 D)

LOCATION: Elevation: 1125 Watershed: Elk Fork
District: Ellsworth County: Tyler Quadrangle: Porters Falls 7.5

WELL OPERATOR Pimrock Production Corp DESIGNATED AGENT Robert L. Murdock
Address 4424 B Emerson Ave Address 4424 B Emerson Avenue
Parkersburg, W. Va. 26104 Parkersburg, W. Va. 26104

OIL & GAS ROYALTY OWNER J. W. Ferrell (power of att.) (Norman W. Ferrell) COAL OPERATOR none
Address Box 52 Address _____
Middlebourne, W. Va. 26149

Acres 29.54 COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER N. W. Ferrell Name none
Address Box 52 Address _____
Middlebourne, W. Va. 26149

Acres 29.54 Name _____
Address _____

FIELD SALE (IF MADE) TO: Address UNKNOWN

OIL & GAS INSPECTOR TO BE NOTIFIED Name Robert Leather
Address Middlebourne W. Va.

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed _____ / lease _____
other contract dated April 2, 19 82, to the undersigned well operator from William A. Suter
(If said deed, lease, or other contract has been 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 COMMIS-
SION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

RECEIVED
AUG 26 1982
OIL & GAS DIVISION
DEPT. OF MINES
BLANKET BOND

Pimrock Production Corp
Well Operator
By Alison Lane
Its Agent

(12-81)

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

DRILLING CONTRACTOR (IF KNOWN) UNKNOWN

Address _____

GEOLOGICAL TARGET FORMATION, Marcellus Shale

Estimated depth of completed well, 5990 feet Rotary X / Cable tools _____ /

Approximate water strata depths: Fresh, 325 feet; salt, 525 feet.

Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No X /

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	9 5/8	NU	45	X		350	350	OTS	Kinds
Fresh Water	7	PRW	23	X		2100	2100	350 SRS	Kind
Coal									Sizes 4 1/2
Intermediate									
Production	4 1/2	PRW	10.5	X		5970	5990	750 SRS	Depths set 4000
Tubing	2 3/8	NU	4.7	X		0	4000	0	
Liners									Perforations: est. depth
									Top 3600 Bottom 550

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 5/2/83
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 the 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 applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19 _____

By _____

Its _____