

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION HIGH POINT 1026'

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) Willie R. Moore
 R.P.E. _____ L.L.S. 551

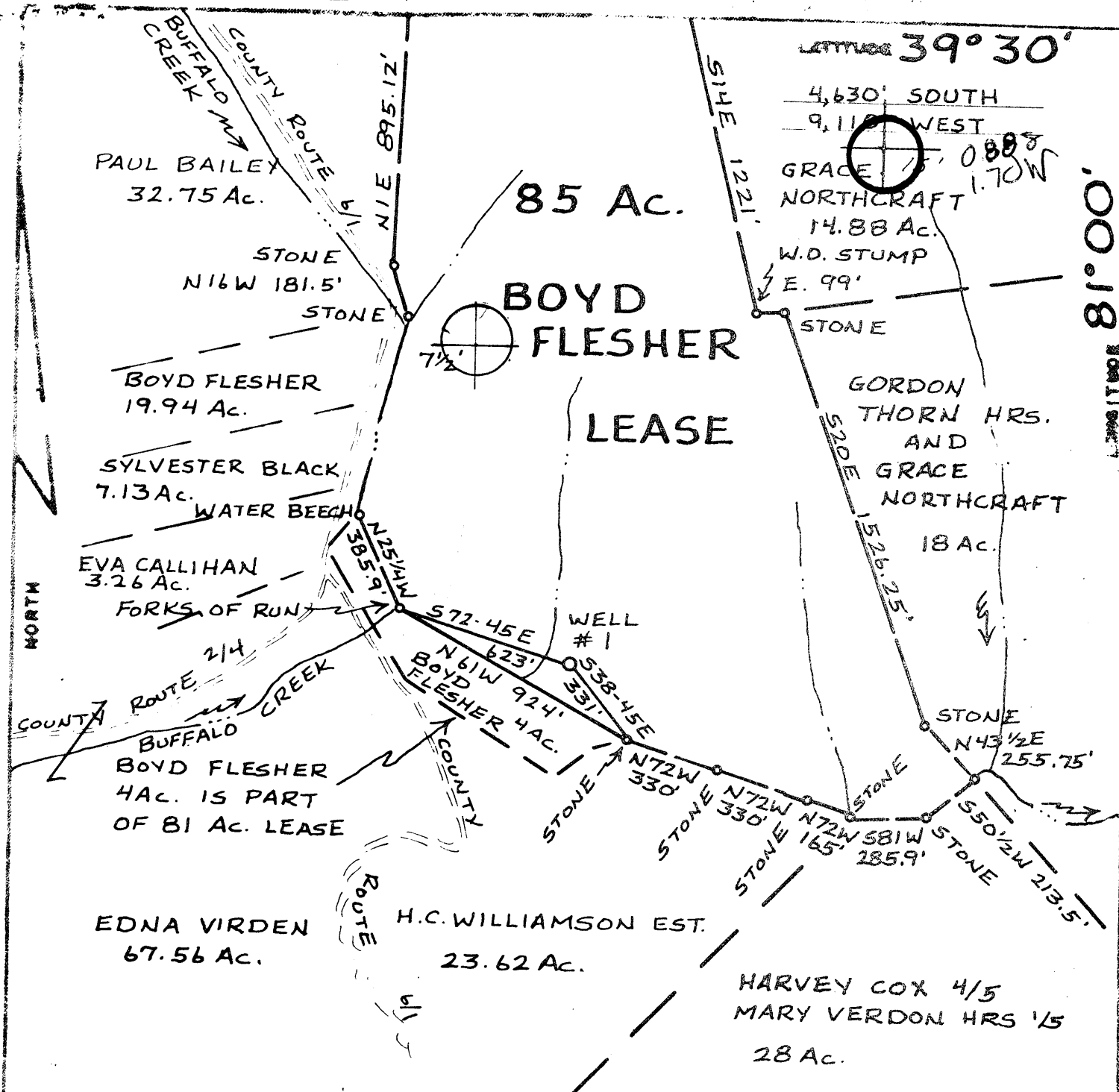
PLACE SEAL HERE

(+) 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 723' WATER SHED BUFFALO CREEK
 DISTRICT UNION COUNTY TYLER
 QUADRANGLE BENS RUN, W.VA. 7 1/2' QUAD. ST. MARY'S 15'
 SURFACE OWNER BOYD FLESHER ACREAGE 85
 OIL & GAS ROYALTY OWNER BOYD FLESHER LEASE ACREAGE 85
 LEASE NO. _____
 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 SHALE (OHIO) ESTIMATED DEPTH 4000'
 WELL OPERATOR LAUDERMAN O & G DESIGNATED AGENT PHILLIP MORGAN
 ADDRESS 311 S. 4th AVE. ADDRESS 311 S. 4th AVE.
P.O. BOX 311 509 PADEN CITY, W.VA. 26159

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE 1 AUGUST, 1980
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-095-0852
 STATE COUNTY PERMIT
CANCELLED
 8 1987



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 MINIMUM DEGREE OF ACCURACY 1:200
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 ADDRESS 311 S. 4TH AVE. ADDRESS 311 S. 4TH AVE.
P.O. BOX 311 PADEN CITY, W.VA. 26159

Date: 1 Aug 80
Operator's Flesher
Well No. NO 1
API Well No. 47 095 852
State County Pe

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil GAS

(If "Gas", Production / Underground storage / Deep / Shallow)

LOCATION: Elevation: 723 Watershed: Buffalo Creek
District: Union County: Tyler Quadrangle: Bons Run 7 1/4

WELL OPERATOR Lauderman Oil & Gas
Address 311 54th Ave
Darden City, WVA 26159

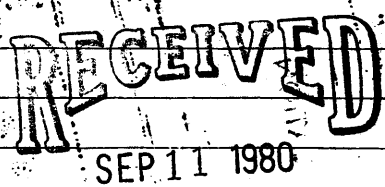
DESIGNATED AGENT Phillip Morgan
Address Same

OIL & GAS ROYALTY OWNER Bord Flesher
Address Rt 1, Friendly
WVA, 26146
Acreage 85

COAL OPERATOR N/A
Address _____

SURFACE OWNER JAME
Address _____
Acreage _____

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name N/A
Address _____
Name N/A
Address _____



FIELD SALE (IF MADE) TO:
Name N/A
Address _____

OIL & GAS DIVISION
DEPT. OF MINES

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Phillip Morgan
Address Rd 3 Alma, West Va 26320
Ph 758-4573

COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

COPY

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated 1 OCT, 1979, to the undersigned well operator from Bord & Uidet Flesher To Eugene Carr Assign MCO To Lauderman Oil & Gas OCT 20, 1979 To Be
[If said deed, lease, or other contract has been recorded:]

Recorded on 1, 1979, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in 1 Book 1 at page 1. A permit is requested as follows:

PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formations / 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, 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

BLANKET BOND

Lauderman Oil & Gas
Well Operator
By Phillip Morgan
Its David Agard

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) UNKNOWN UNKNOWN

Address _____

GEOLOGICAL TARGET FORMATION, OHIO Shale

Estimated depth of completed well, 3990 feet. Rotary Cable tools

Approximate water strata depths: Fresh, 90 feet; salt, N/A feet.

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

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor	<u>8 7/8</u>		<u>37</u>	<input checked="" type="checkbox"/>		<u>250'</u>	<u>Cemented to 50'</u>		Kinds
Fresh water									
Coal									Sizes
Intermediate									
Production Tubing	<u>4 1/2</u>		<u>10.50</u>	<input checked="" type="checkbox"/>		<u>To T.D. of well to be</u>	<u>Cemented Back above ANY</u>		Depths set
Lines						<u>Day Zones</u>			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 drilling within 200 feet of the proposed well.

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

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 5-15-81.

Fred Burdette
Deputy Director - Oil & Gas Division

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:

W A I V E R

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____

By _____
Its _____