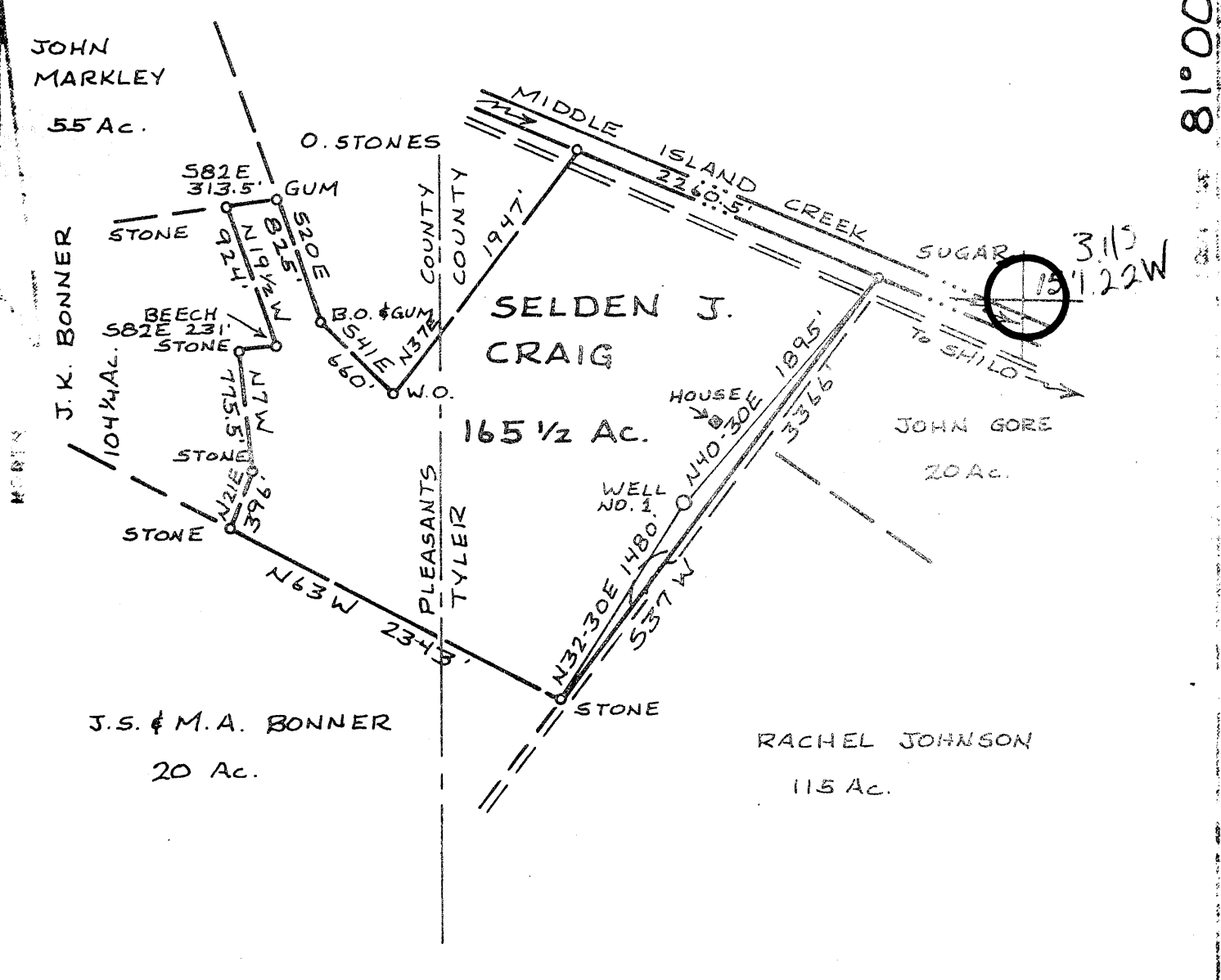


(15)  $39^{\circ} 27\frac{1}{2}'$   
 $39^{\circ} 30'$   
 1,320' SOUTH  
 5,380' WEST

81°00'



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION LOW GAP 790'

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 R. Moss  
 R.P.E. \_\_\_\_\_ U.S. 851

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL IN UNITED STATES TOPOGRAPHIC MAPS  
 FORM M-8  
 10-78



DATE 13 AUGUST 1980  
 OPERATOR'S WELL NO. 1  
 WELL NO. 47-095 0853  
 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 \_\_\_\_\_ MALLOW   
 LOCATION ELEVATION 682' WATER SHED MIDDLE ISLAND CREEK  
 DISTRICT UNION COUNTY TYLER  
 QUADRANGLE BENS RUN, W.VA. 7 1/2' QUAD. ST MARY'S T5' NE  
 SURFACE OWNER SELDEN J. CRAIG ACREAGE 165 1/2  
 OIL & GAS ROYALTY OWNER SELDEN J. CRAIG LEASE ACREAGE 165 1/2  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: BRILLY  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD CONNECTION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

WUDEP Database  
 comp. 2/24/81  
 aban well  
 8/18/95

STOP AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLY \_\_\_\_\_  
 TARGET FORMATION SHALE ESTIMATED DEPTH 4000'  
 WELL OPERATOR LAUDERMAN O. & G. DESIGNATED AGENCY PHILLIP MORGAN  
 ADDRESS P.O. BOX 266 ADDRESS P.O. BOX 266  
PADEN CITY, W.VA. 26159 PADEN CITY, W.VA. 26159

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. Craig # 6  
API Well No. 47-095-853  
State County Per

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

LOCATION: Elevation: 682 Watershed: Middle Island Creek  
District: UNION County: Tyler Quadrangle: Bens Run 7

WELL OPERATOR Lauderman Oil & Gas DESIGNATED AGENT Phillip Morgan  
Address 311 S 4th Ave Address Shore  
Paden City, WVA 26159

OIL & GAS ROYALTY OWNER Selden J Craig  
Address Rt 1  
Friendly WVA 26146  
Acreage 16.5 1/2

COAL OPERATOR N/A  
Address:

SURFACE OWNER Selden J Craig  
Address same  
Acreage

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

FIELD SALE (IF MADE) TO:  
Name:  
Address:

Name:  
Address: **RECEIVED**

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name PHILLIP TRACY  
Address RD 3 ALMA  
WEST VIRGINIA 26320  
PH 758-4573

COAL LESSEE WITH DECLARATION ON RECORD 1980  
Name:  
Address: OIL & GAS DIVISION  
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed  / lease  / other contract  / dated 5/17/, 1980, to the undersigned well operator from Eugene Carr By Assignment  
[If said deed, lease, or other contract has been recorded:] Dated 18 day of  
To be Recorded Recorded on May 1980, 1980, in the office of the Clerk of the County Commission of Tyler County, West Virginia, 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

Lauderman Oil & Gas Drilling  
Well Operator  
By Phillip Morgan  
Its Land Agent

BLANKET BOND

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Smith Drilling  
Address Chester, W.Va.

GEOLOGICAL TARGET FORMATION, Ohio Shale

Estimated depth of completed well, 3990 feet Rotary  Cable tools

Approximate water strata depths: Fresh, 90 feet; salt, 1600 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)	PACKL.
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor	13"		34		✓	100	100	Drive Pipe
Fresh water								
Coal	10"		32		✓	250	7' 1/2' zone	Sizes
Intermediate	8"		24		✓	1000	2' 8" zone	
Production	7"		40		✓	1800		Deaths set
Tubing								
Liners	4 1/2"							Perforations:
								Top
								Bottom

*Production T.O. of Well.  
Cemented if a Producer.*

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form 11 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 permit shall not be required for fracturing or stimulating a well where such fracturing or stimulating is to be part of the work for which a permit is sought and is noted on such on the Form IV-22 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.

*[Signature]*  
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 \_\_\_\_\_