

Plot Card CSD

LATITUDE 39° 17' 30"
(15') 39° 20'

BENNINGER

N 89° 00' E 1138.50



SOUTH 507.38

JAMES TOWNER, ET. AL. 33 ACRES

TOWNER

N 2° 30' E 1353.00

TRIPLE MAPLE & STONEPILE N 89° 30' W 313.50



N 15° 12' E 751.12

S 4° 53' E 894.40

WILHELM RUN

VOYT

WELL NO. 1A S 58° 39' E 319.61

S 89° 30' W 837.38

4" WHITE OAK ON RIDGE

VOYT

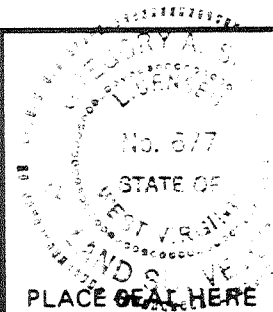
LONGITUDE 80° 50' 00"

NORTH

FILE NO. _____
DRAWING NO. _____
SCALE 1/300
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION USCGS BENCH MARK 2300 EAST OF PROPERTY ELEVATION 904

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) Gregory A. Smith
R.P.E. _____ L.L.S. 677



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

FORM IV-6 (8-78)



DATE MAY 21, 19 80

OPERATOR'S WELL NO. _____

API WELL NO. _____

47 - 017 - 2760

STATE COUNTY PERMIT

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

Cancelled

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS,") PRODUCTION STORAGE _____ DEEP SHALLOW _____

LOCATION: ELEVATION 985 WATER SHED WILHELM RUN
DISTRICT CENTRAL COUNTY DODDRIDGE

QUADRANGLE WEST UNION

SURFACE OWNER JAMES TOWNER, ET. AL. ACREAGE 33

OIL & GAS ROYALTY OWNER JAMES TOWNER, ET. AL. LEASE ACREAGE 33

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 BENSON & ELK ESTIMATED DEPTH 5500'

WELL OPERATOR WACO OIL & GAS DESIGNATED AGENT JERRY MASONER

ADDRESS BCX 4, GLENVILLE, WV. 26351 ADDRESS BCX 4, GLENVILLE, WV. 26351

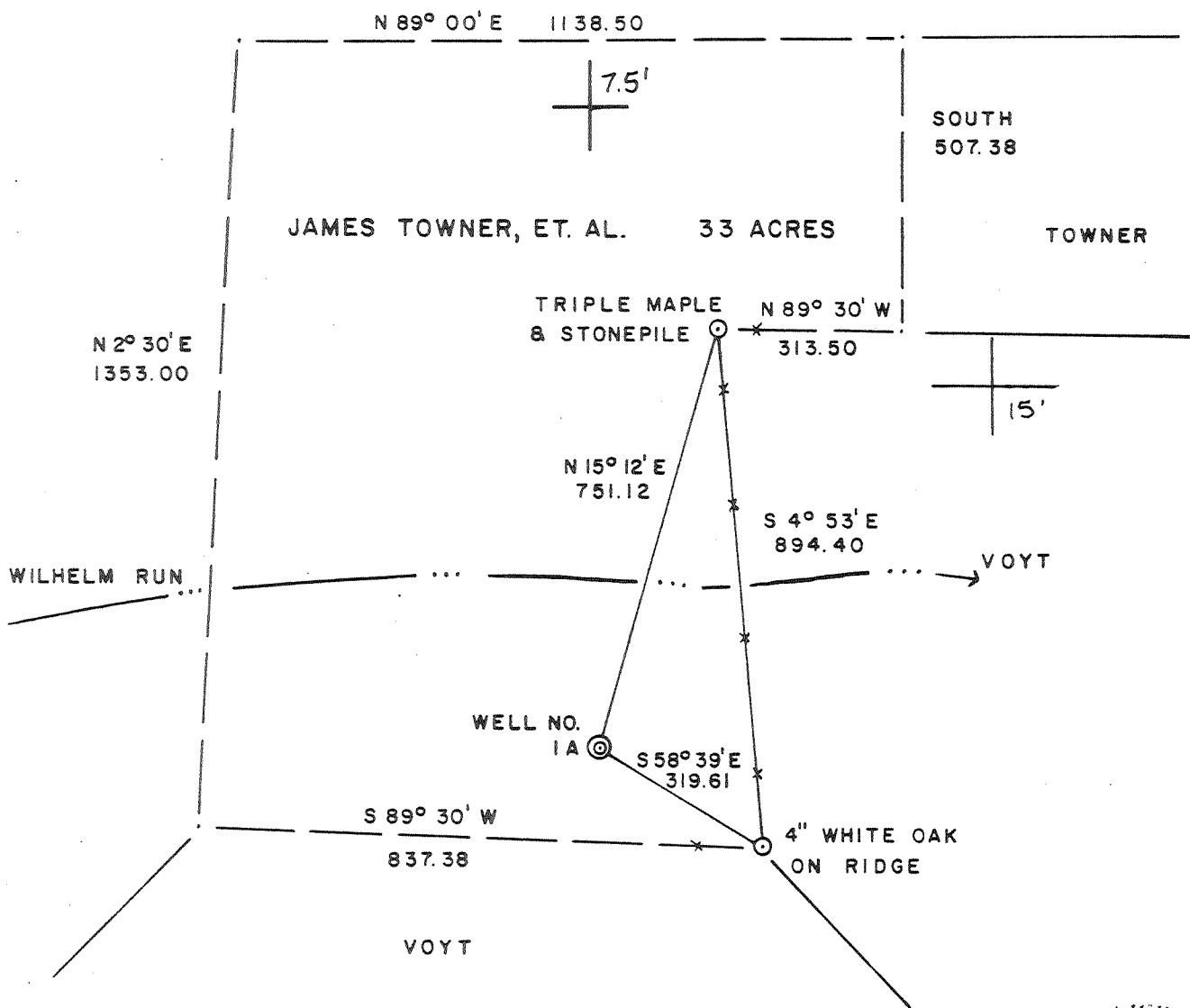
MAR 12 1984

LATITUDE 39° 17' 30"
(15') 39° 20'

BENNINGER

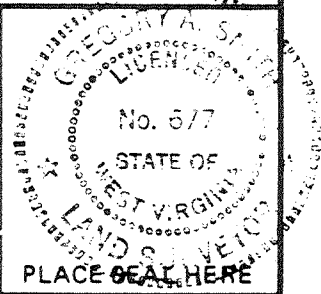
LONGITUDE 80° 50' 00"

NORTH



FILE NO. _____
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 SCALE 1/300
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 PROVEN SOURCE OF ELEVATION USCGS BENCH MARK 2300 EAST OF PROPERTY ELEVATION 904

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 (SIGNED) Gregory A. Smith
 R.P.E. _____ L.L.S. 677



(+) 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 MAY 21, 19 80
 OPERATOR'S WELL NO. _____
 API WELL NO. _____
 47 - 017 - 2760
 STATE COUNTY PERMIT

Cancelled

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP SHALLOW _____
 LOCATION: ELEVATION 985 WATERSHED WILHELM RUN
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE WEST UNION
 SURFACE OWNER JAMES TOWNER, ET. AL. ACREAGE 33
 OIL & GAS ROYALTY OWNER JAMES TOWNER, ET. AL. LEASE ACREAGE 33
 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 BENSON & ELK ESTIMATED DEPTH 5500'
 WELL OPERATOR WACO OIL & GAS DESIGNATED AGENT JERRY MASONER
 ADDRESS BOX 4, GLENVILLE, WV. 26351 ADDRESS BOX 4, GLENVILLE, WV. 26351

AUG 21 1981

LATITUDE 39° 17' 30"
(15') 39° 20'

BENNINGER

LONGITUDE 80° 50' 00"

N 89° 00' E 1138.50

SOUTH
507.38

JAMES TOWNER, ET. AL. 33 ACRES

TOWNER

N 2° 30' E
1353.00

TRIPLE MAPLE & STONEPILE N 89° 30' W
313.50

3.70 ±
1.42w

N 15° 12' E
751.12

S 4° 53' E
894.40

WILHELM RUN

VOYT

WELL NO. 1A S 58° 39' E
319.61

S 89° 30' W
837.38

4" WHITE OAK
ON RIDGE

VOYT

FILE NO. _____
DRAWING NO. _____
SCALE 1/300
MINIMUM DEGREE OF
ACCURACY 1/200
PROVEN SOURCE OF
ELEVATION USCGS BENCH MARK
2300 EAST OF PROPERTY
ELEVATION 904

I THE UNDERSIGNED, HEREBY CERTIFY THAT
THIS PLAT IS CORRECT TO THE BEST OF MY
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INFORMATION REQUIRED BY LAW AND THE REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF MINES.

(SIGNED) Gregory A. Smith
R.P.E. _____ L.L.S. 677

PLACE SEAL HERE

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

FORM IV-6
(8-78)



DATE MAY 21, 1980

OPERATOR'S WELL NO. _____

API WELL NO. _____

47-017-2760
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 985 WATER SHED WILHELM RUN
DISTRICT CENTRAL COUNTY DODDRIDGE
QUADRANGLE WEST UNION 50
SURFACE OWNER JAMES TOWNER, ET. AL. ACREAGE 33
OIL & GAS ROYALTY OWNER JAMES TOWNER, ET. AL. LEASE ACREAGE 33
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 BENSON & ELK ESTIMATED DEPTH 5500'
WELL OPERATOR WACO OIL & GAS DESIGNATED AGENT JERRY MAZONER
ADDRESS BOX 4, GLENVILLE, WV 26351 ADDRESS BOX 4, GLENVILLE, WV 26351

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. James Towner Etal API Well No. 47-017-2760 State County Perm

WELL TYPE: Oil / Gas X / (If "Gas", Production X / Underground storage / Deep X / Shallow /) LOCATION: Elevation: 985 Watershed: Wilhelm Run District: Central County: Doddridge Quadrangle: West Union

WELL OPERATOR Waco Oil & Gas Address Box 4 Glenville, WV 26351

DESIGNATED AGENT Jerry Masoner Address Box 4 Glenville, WV 26351

OIL & GAS LEASE OWNER James Towner Etals Address Rt. 1 West Union, WV 26456

COAL OPERATOR N/A Address:

COAL OWNER James Towner Etal Address Rt. 1 West Union, WV Acreage 33

COAL OWNER(S) WITH DECLARATION ON RECORD: Name James Towner Etal Address Rt. 1 West Union, WV

FIELD SALE (IF MADE) TO: Unknown Address:

COAL LESSEE WITH DECLARATION ON RECORD: Name N/A Address:

OIL & GAS INSPECTOR TO BE NOTIFIED Paul Garrett Address Clarksburg, WV 622-3871

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X / other contract / dated April 4, 1980, as provided for in said deed, lease, or other contract has been recorded:]

Recorded on April 29, 1980, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 114 at page 606. A permit is requested as follows:

PROPOSED WORK: Drill X / 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 modification 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 PHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 115 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

BLANKET BOND

Waco Oil & Gas Co. Well Operator By Jerry Masoner Agent

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Fox Drilling

Address _____

Glenville, WV 26351

GEOLOGICAL TARGET FORMATION, Benson Flk

Estimated depth of completed well, 5500 feet Rotary X / Cable tools _____ /

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

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

DRILLING AND TUBING PROGRAM

DRILLING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Drill pipe								Kinds
Shank water								
Coal								Sizes
Intermediate	2 5/8	CW	20	X		500	500	160 sks
Production	4 1/2	ERW	10.5	X			5500	200 sks
Tubing								Depths set
Packers								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. ~~THIS PERMIT MUST BE POSTED AT THE WORKING PART OF THE WORK FOR WHICH A PERMIT IS BOUGHT AND IS NOTED AS SUCH 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 2-10-81.

Robert L. Bell
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.

By _____
Its _____