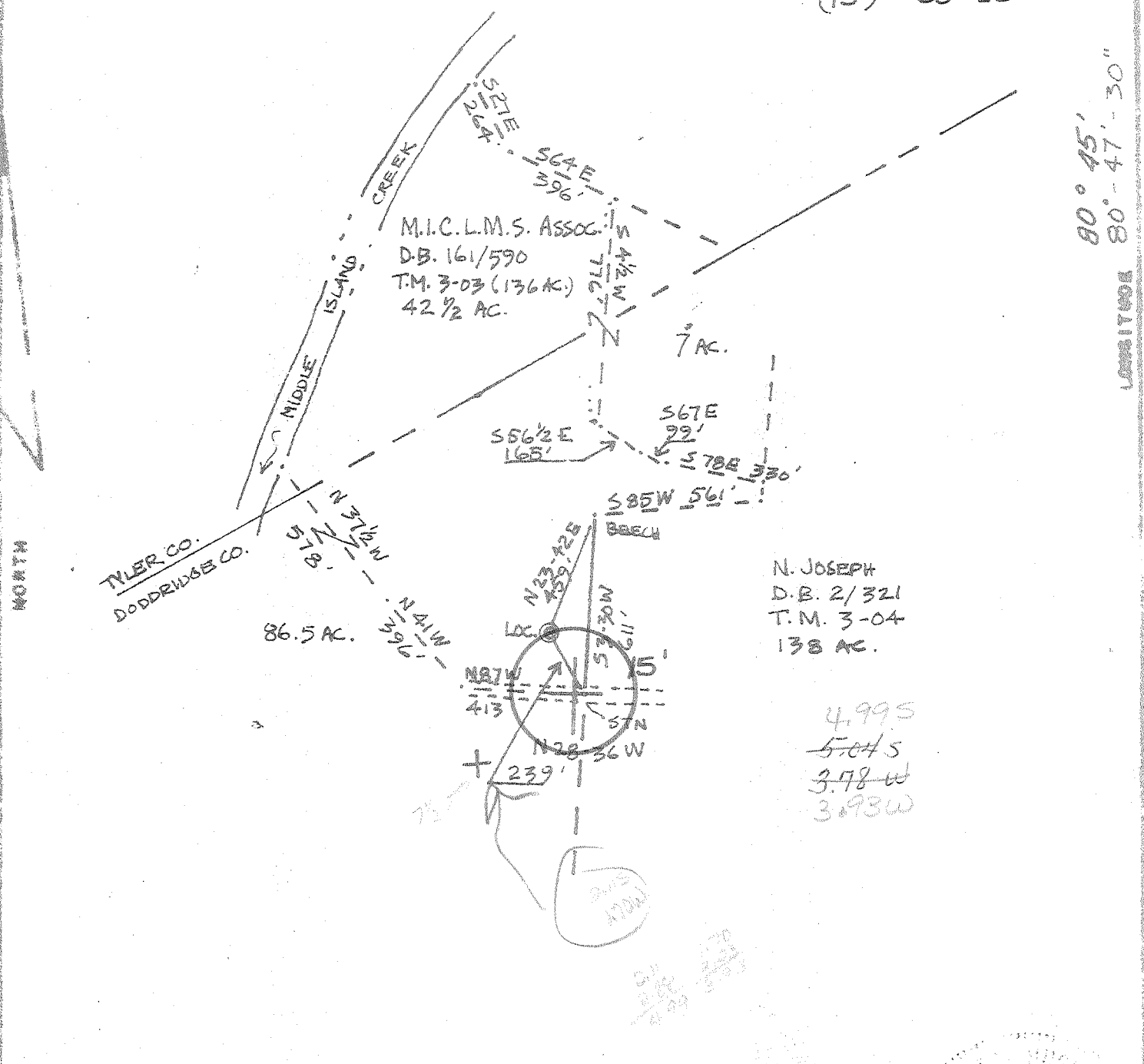


LATITUDE 39°-22'-30"
(15') 39°-25'

LONGITUDE 80°-45'
80°-47'-30"



FILE NO. K-906
DRAWING NO. 1
SCALE 1"-500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION B.M. 790 AT RT. 18

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) Neal S. Hughes
R.P.E. _____ L.L.S. 632

PLACE SEAL HERE

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



DATE 30 July, 1978
OPERATOR'S WELL NO. K-906-#1
API WELL NO. 47-017-2462
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 345 WATER SHED MIDDLE ISLAND CREEK
DISTRICT WEST UNION COUNTY DODDRIDGE
QUADRANGLE WEST UNION (7.5 SERIES), 15' EC
SURFACE OWNER M.I.C.L.M.S. ASSOC. ACREAGE 136 AC.
OIL & GAS ROYALTY OWNER Paul Joseph, John Earl Strickling LEASE ACREAGE 44.25 AC.
LEASE NO. K-906-#1
PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5500 AUG 13 1978
WELL OPERATOR J+J Enterprises, Inc. DESIGNATED AGENT Harry Barrett
ADDRESS Box 48 ADDRESS Box 48
Buckhannon W. Va. 26201 Buckhannon W. Va. 26201

[Q8-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's
Well No. K-906-#1
API Well No. 47-017-2462
State County Permit

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

LOCATION: Elevation: 845 Watershed: Middle Island Creek
District: West Union County: Doddridge Quadrangle: West Union

WELL OPERATOR J & J Enterprises, Inc.
Address P.O. Box 48
Buckhannon, W. Va. 26201

DESIGNATED AGENT Harry Barnett
Address P.O. Box 48
Buckhannon, W.Va. 26201

OIL & GAS
ROYALTY OWNER Paul, Joseph, John, Earl Strickling
Address Star Route
West Union, W.Va. 26456

COAL OPERATOR None
Address _____

Acreage 42
SURFACE OWNER Paul Strickling
Address Star Route
West Union, W.Va. 26456
Acreage 136

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name None
Address _____
Name _____
Address _____

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

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____
RECEIVED
AUG 6 1979

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address Clarksburg, W.Va. 26301

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 December 13, 1978, to the undersigned well operator from Paul Strickling

[If said deed, lease, or other contract has been recorded:]
Recorded on December 13, 1978, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Gas Lease Book 106 at page 693. 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
615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

J & J Enterprises, Inc.
Well Operator
By Alan Battles
Its Geologist

[08-78]

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) S.W. Jack Drilling Company
Address P.O. Box 48
Buckhannon, W.Va. 26201

GEOLOGICAL TARGET FORMATION, Alexander

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

Approximate water strata depths: Fresh, 200 feet; salt, 1000 feet.

Approximate coal seam depths: none Is coal being mined in the area? Yes / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor	11 3/4	H-40	42	X		30'	30'	Kinds
Fresh water	8 5/8	ERW	23	X		1200'	1200'	190 sks
Coal	8 5/8							Sizes
Intermediate								
Production	4 1/2	J-55	9.5	X		5450'	5450'	400 sks
Tubing								
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 drilling 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 stimulation 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, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 4-7-80

Robert S. [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

7E