

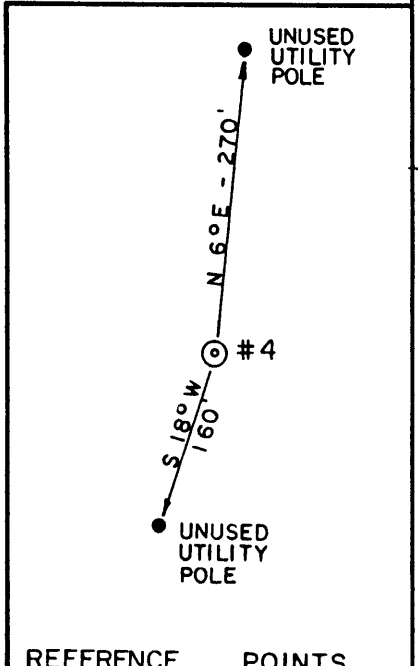
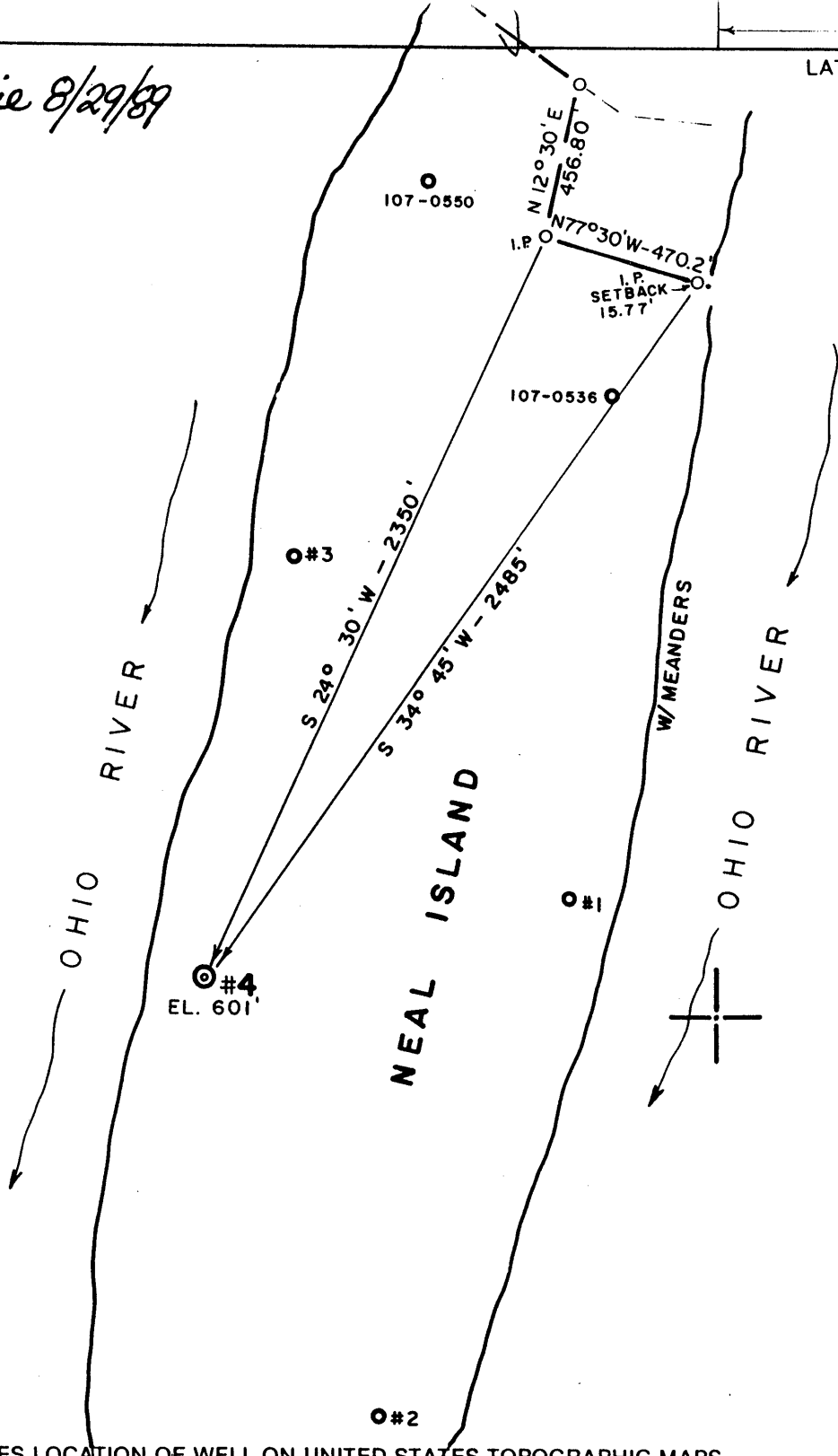
Janie 8/29/89

LATITUDE 39° 20' 00"

5620' WEST

LONGITUDE 81° 32' 30"
11,130' SOUTH

NORTH



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

REFERENCE POINTS

FILE NO. **88-697**
 DRAWING NO. _____
 SCALE **1" = 500'**
 MINIMUM DEGREE OF ACCURACY **1/200'**
 PROVEN SOURCE OF ELEVATION **107-0536**
600.10'

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) *Robert Waterman*
 R.P.E. **3788** L.L.S. _____

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE **12/16**, 19 **88**
 OPERATOR'S WELL NO. **4**
 API WELL NO. _____

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

LOCATION: ELEVATION **601** WATER SHED **OHIO RIVER**
 DISTRICT **PARKERSBURG 4** COUNTY **WOOD**
 QUADRANGLE **PARKERSBURG (7.5')**

SURFACE OWNER **SHERMAN DILS, III** ACREAGE **92.59**
 OIL & GAS ROYALTY OWNER **SHERMAN DILS, III** LEASE ACREAGE **92.59**

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 **GORDON** ESTIMATED DEPTH **2175-2200**
 WELL OPERATOR **DILS OIL & GAS** DESIGNATED AGENT **SHERMAN DILS, III**
 ADDRESS **1601-13TH STREET** ADDRESS **1601-13TH STREET**
PARKERSBURG, WV 26101 **PARKERSBURG, WV 26101**

COUNTY NAME

PERMIT

pmie 8/29/89

5620' WEST
LATITUDE 39° 20' 00"

LONGITUDE 81° 32' 30"
11,130' SOUTH

NORTH

OHIO RIVER

NEAL ISLAND

OHIO RIVER

W/ MEANDERS

#4
EL. 601'

#3

107-0536

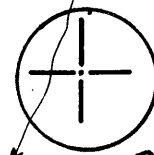
#1

#2

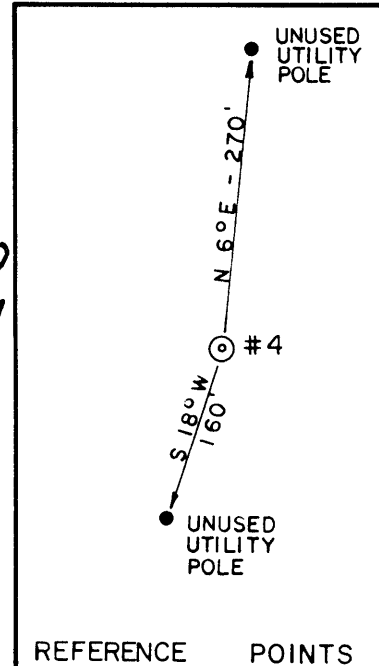
N 12° 30' E 456.80'
I.P. N 77° 30' W - 470.2'
I.P. SETBACK 15.77'

S 24° 30' W - 2350'
S 34° 45' W - 2485'

2.10
3.31



2.10
1.07



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

REFERENCE POINTS

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DRAWING NO. _____
SCALE **1" = 500'**
MINIMUM DEGREE OF ACCURACY **1/200'**
PROVEN SOURCE OF ELEVATION **107-0536**
600.10'

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) *Robert Waterman*
R.P.E. **3788** L.L.S. _____

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE **12/16**, 19 **88**
OPERATOR'S WELL NO. **4**
API WELL NO. _____

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

LOCATION: ELEVATION **601'** WATER SHED **OHIO RIVER**
DISTRICT **PARKERSBURG 4** COUNTY **WOOD**
QUADRANGLE **PARKERSBURG (7.5') 532 097 9**

SURFACE OWNER **SHERMAN DILS, III** ACREAGE **92.59**
OIL & GAS ROYALTY OWNER **SHERMAN DILS, III** LEASE ACREAGE **92.59**

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 **GORDON** ESTIMATED DEPTH **2175-2200**
WELL OPERATOR **DILS OIL & GAS** DESIGNATED AGENT **SHERMAN DILS, III**
ADDRESS **1601-13TH STREET** ADDRESS **1601-13TH STREET**
PARKERSBURG, WV 26101 726 **PARKERSBURG, WV 26101**

COUNTY NAME

PERMIT

SEP 8 1989

107-1450

Issued 9/8/89

Expires 9/8/91

Page ___ of ___

FORM WW-2B

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: ¹²⁶ DILS OIL AND GAS 13725 (4) 531
- 2) Operator's Well Number: NEALE ISLAND #4 3) Elevation: 601
- 4) Well type: (a) Oil or Gas
(b) If Gas: Production Underground Storage
Deep Shallow
- 5) Proposed Target Formation(s): ⁴¹⁹ GORDON SANDSTONE
- 6) Proposed Total Depth: 2300 feet
- 7) Approximate fresh water strata depths: 80
- 8) Approximate salt water depths: 1400
- 9) Approximate coal seam depths: NA
- 10) Does land contain coal seams tributary to active mine? Yes No
- 11) Proposed Well Work: Drill & Stimulate New Well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	10 3/4"	H-40	42	85'	85"	to surface
Fresh Water					80	38CSR18-11.3
Coal	-					
Intermediate	7"		17	330'	330'	to surface
Production	4 1/2"	J-55	9.5		2300	110 SKS
Tubing						38CSR18-11.1
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

RECEIVED
AUG 22 1989

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat _____ WW-9 _____ WW-2B _____

RECEIVED
AUG 22 1989

Page 1 of
Form WW2-A
(09/87)
File Copy

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: AUGUST 14, 1989
2) Operator's well number
NEALE ISLAND #4
3) API Well No: 47 - 107 - 1450
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
- (a) Name SHERMAN DILS III
Address 1601 - 13TH STREET
PARKERSBURG WV 26101
- (b) Name _____
Address _____
- (c) Name _____
Address _____
- 5) (a) Coal Operator:
Name _____
Address _____
- (b) Coal Owner(s) with Declaration
Name _____
Address _____
- Name _____
Address _____
- 6) Inspector GLEN ROBINSON
Address Rt 1 #6 McPHEASONS EST
MINERAL WELLS, WV 26100
Telephone (304) - 489-9162
- (c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

___ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ___ on the above named parties, by:

- ___ Personal Service (Affidavit attached)
___ Certified Mail (Postmarked postal receipt attached)
___ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator DILS OIL AND GAS
By: Sherman Dils
Its: Owner
Address 1601 - 13TH STREET
PARKERSBURG WV 26101
Telephone 485-6401

Subscribed and sworn before me this 18 day of AUGUST, 1989

Ivelene G. Knaus Notary Public
My commission expires MARCH 19, 1995