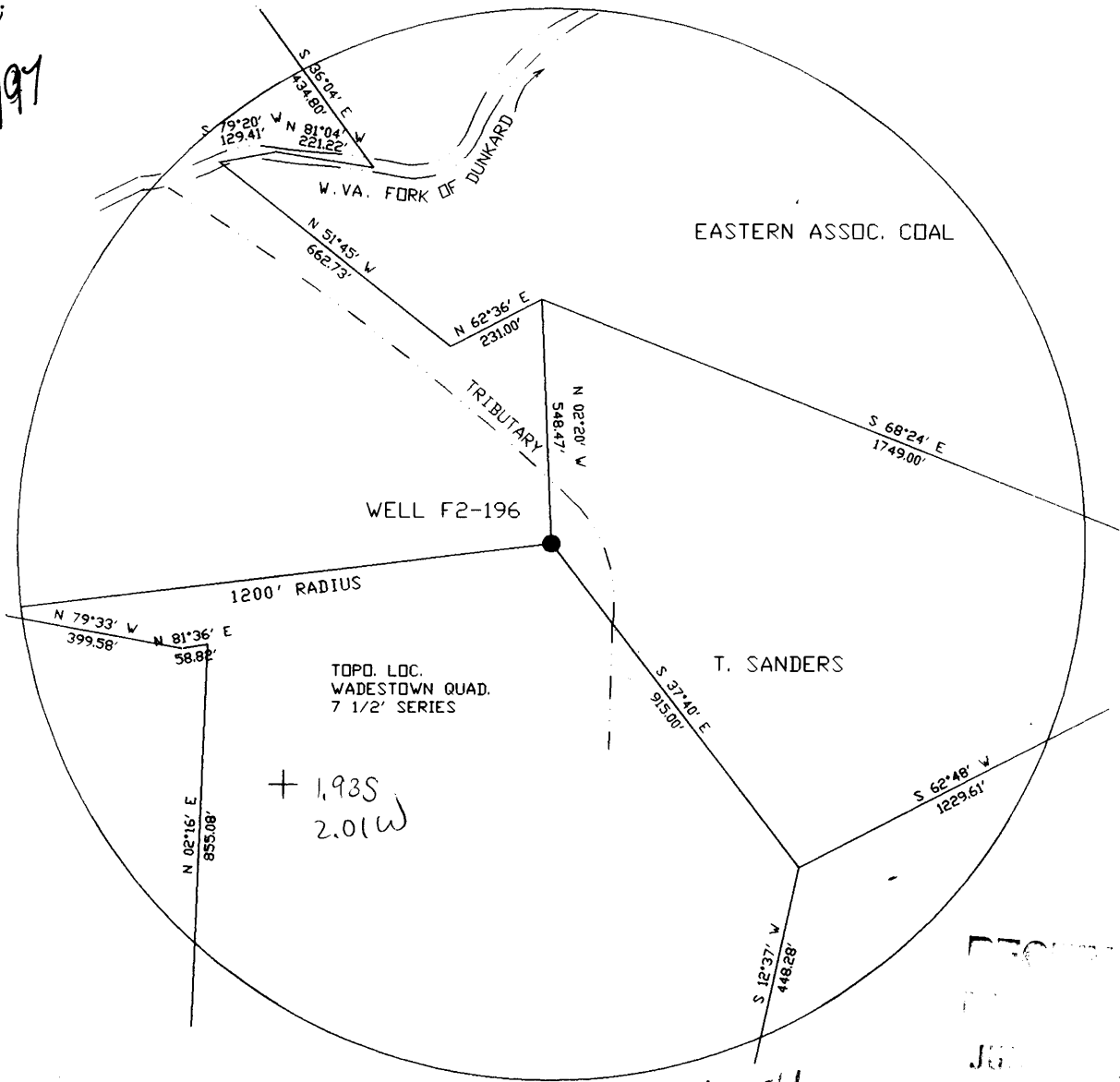


LATITUDE 39° 42' 30"

10,600

LONGITUDE 80° 17' 30"

*Janice
6/18/97*



NORTH

WELL F2-196

1200' RADIUS

TOPO. LOC.
WADESTOWN QUAD.
7 1/2' SERIES

+ 1,935
2.01W

EASTERN ASSOC. COAL

T. SANDERS

calc 15' loc

4.815

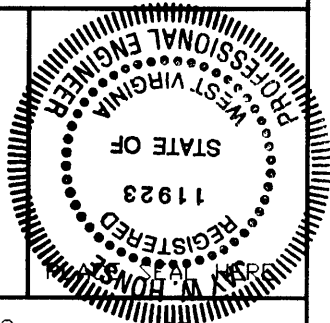
4.23W

Office of Oil and Gas

FILE NO. F2-1-213
 DRAWING NO. F2-2-266
 SCALE 1"=400'
 MINIMUM DEGREE OF
 ACCURACY 1/2500'
 PROVEN SOURCE OF
 ELEVATION USGS B.M.

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) *[Signature]*
 R.P.E. 11/23 L.L.S. _____



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

FORM IV-6

68-78

WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WEST VIRGINIA 25143-2506

DATE MAY 2 1997
 OPERATOR'S WELL NO F2-196
 API WELL NO.

47-061-01273-P
 STATE COUNTY PERMIT

Was: 061 70032

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF GAS, PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X)
 LOCATION: ELEVATION 1076 WATERSHED WEST FORK OF DUNKARD
 DISTRICT BATTELLE COUNTY MONONGALIA
 QUADRANGLE WADESTOWN
 SURFACE OWNER THOMAS SANDERS ACREAGE 106
 OIL & GAS ROYALTY OWNER VICTOR OIL & GAS CO. LEASE ACREAGE _____
 LEASE NO. _____
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL X FRACTURE OR
 STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
 FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

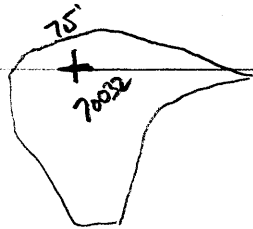
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG X
 TARGET FORMATION FJEIH SAND ESTIMATED DEPTH 3100
 WELL OPERATOR EASTERN ASSOC. COAL DESIGNATED AGENT TERRY D. HENDERSHOT
 ADDRESS ROUTE 1 BOX 144 ADDRESS ROUTE 1 BOX 144
FAIRVIEW WV. 26570 FAIRVIEW WV. 26570

JUN 19 1997

LATITUDE 39°42'30"

LONGITUDE 88°17'30"

LONGITUDE



7'5 OGIS topo location

7.5' loc	<u>1.91 S</u>	15' loc	<u>479 S</u>
	<u>1.97 W</u>	(calc.)	<u>4.19 W</u>

Company _____

Farm _____

Quad Wades town (Hwy 10 NE)

County Monongahela

District Battelle

WELL LOCATION MAP

File No. 061-70032

#31 in Co Plat

was
061-70159

now 0611273

JUN 10 1998

Battelle District, Monongalia County, W. Va.

By Battelle Oil Co.

Completed Feb., 1898.

Elevation, 1085'.

Authority, W. Va. Geol. Survey, Vol. I, p. 230.

Located near Wadestown, three miles south of Penna.-W.Va.Line.

Record from U. S. Geological Survey, April 8, 1939.

6 1273

	Thickness.	Depth.
Unrecorded		840
Pittsburgh Coal	10 -	850
Unrecorded	1302 -	2152
Big Injun Sand (some gas at 2167' and salt water at 2242')	204 -	2356
Unrecorded	384 -	2740
Red shale	10 -	2750
Gantz Sand (small gas flow, 2770'; no break between Gantz and 50-Ft. Sand; gas in 50-Ft. at 2840', two sands, thickness	95 -	2845
Slate	10 -	2855
Red shale	10 -	2865
Hard sandy beds	80 -	2945
Hard shells and unrecorded	70 -	3015
Pebbly sand (Campbell Run)	5 -	3020
Red sandy beds	15 -	3035
Blue slate	11 -	3046
White sand, Fourth, Flat Run, Gordon	9 -	3055
Hard slate and sandy beds	47 -	3102
White hard pebbly sand, Fifth (fair gas flow at 3115')	40 -	3142
Dark-gray, sandy shale, to bottem of hole	158 -	3300

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: SANDERS, THOMAS ETUX Operator Well No.: F2-196
LOCATION: Elevation: 1,076.00 Quadrangle: WADESTOWN
District: BATTELLE County: MONONGALIA
Latitude: 10150 Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude 10600 Feet West of 80 Deg. 17 Min. 30 Sec.
Well Type: OIL _____ GAS X
Company: Eastern Associated Coal Corp. Coal Operator Eastern Associated Coal Cor
Route 1 Box 144 or Owner Route 1 Box 144
Fairview, W. Va. 26570 Fairview, W. Va. 26570
Agent: Terry O. Hendershot Coal Operator _____
or Owner _____
Permit Issued: 06/17/97

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Monongalia ss:

Jim Gump and Craig Park being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Randal Mick Oil and Gas Inspector representing the Director, say that said work was commenced on the 8 day of July , 19 97 , and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cleaned out to depth of 1280'				
Run logs Gamma Ray Neutron and 3 Arm Caliper.				
Ripped old 8" pipe from 835 to 852.				
Run 2" tubing to 1280 run 200sks cement pulled tubing.				
Run 965' of 4 1/2" pipe Run 600 sks portland and 100sks Chem Comp				
Pumped latch down plug to 920'				
Boiled water out inside 4 1/2" pipe checked plug Ok				
Pittsburgh Coal 842-848 Old 8" 778'to 1172'		New 4 1/2" surface to 965'		

Description of monument: 4 1/2" X 2" Swedge with metal plate Date plugged & A.P.I. No. _____
and that the work of plugging and filling said well was completed on the 30 day of July , 19 97 .

And furthur deponents saith not. Jim Gump
 Craig Park
Sworn and subscribe before me this 9th day of September , 19 97
My commission expires: January 13, 2003

Allen K Moore
Notary Public

Oil and Gas Inspector: Randal Mick

