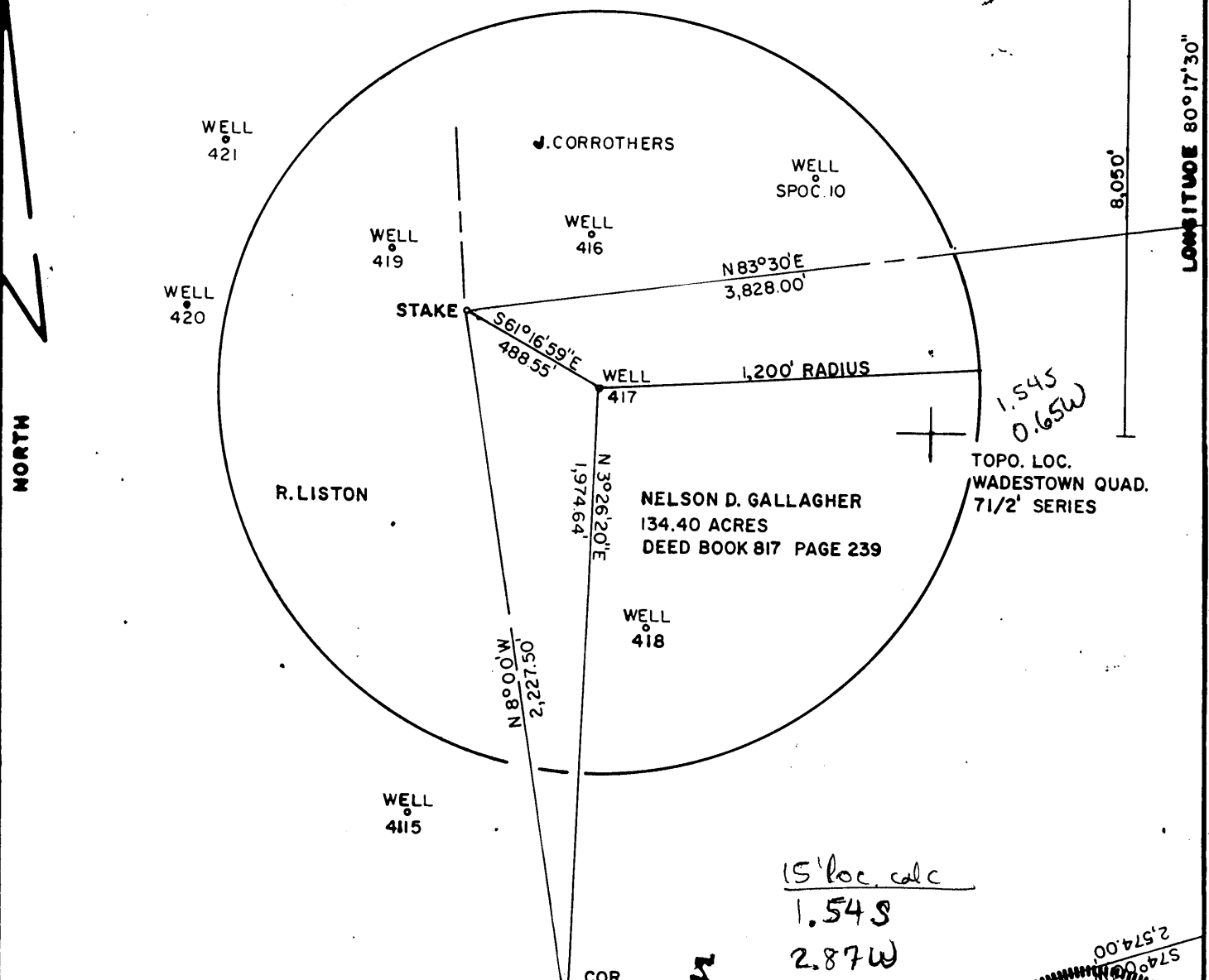


Janice 12/9/88

LATITUDE 39° 40' 00"

3,325'

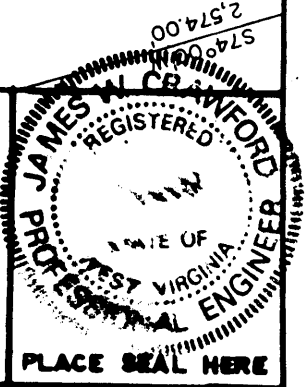
LONGITUDE 80° 17' 30"



15' loc calc
1.54 S
2.87 W

FILE NO. F2-2-181
 DRAWING NO. F2-2-183
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION USGS BM. 1902 GRAFTON

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) James W. Crawford
 R.P.E. 10109 L.L.S.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



DATE NOVEMBER 23, 19 88
 OPERATOR'S WELL NO F2-417
 API WELL NO. 47-061
 STATE 0891-F 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 1,440' WATER SHED MIRACLE RUN
 DISTRICT BATTELLE COUNTY MONONGALIA
 QUADRANGLE WADESTOWN 7 1/2' SERIES Marrington EC
 SURFACE OWNER NELSON D. GALLAGHER ACREAGE 134.4
 OIL & GAS ROYALTY OWNER FORMERLY VENTURE OIL COMPANY LEASE ACREAGE 244
 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 FIFTY FOOT SAND ESTIMATED DEPTH 3,087' DEC 16 1988
 WELL OPERATOR EASTERN ASSOC. COAL CORP. DESIGNATED AGENT JOHN A. VEITCH
 ADDRESS EASTERN ASSOC. COAL CORP. ADDRESS EASTERN ASSOC. COAL CORP.
ROUTE 1 BOX 144 ROUTE 1 BOX 144
FAIRVIEW W. VA. 26570 FAIRVIEW W. VA. 26570

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

309

WELL RECORD

Permit No. 758-A

Oil or Gas Well Oil & Gas
(KIND)

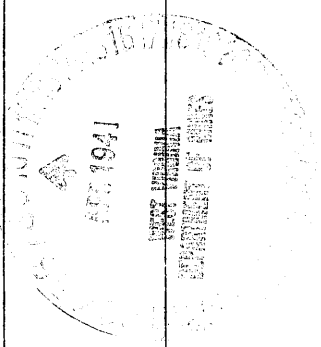
Company The Interstate Pipe & Supply Company
Address Marietta, Ohio
Farm J. B. Bane Acres 244
Location (waters) ①
Well No. 533 Elev. 1417
District Battelle County Monongalia
The surface of tract is owned in fee by J. D. Bane Heirs
Address Wadestown, W. Va.
Mineral rights are owned by J. D. Bane Heirs
Address Wadestown, W. Va.
Drilling commenced.....
Drilling completed.....
Date shot..... Depth of shot.....
Open Flow /10ths Water in..... Inch
/10ths Merc. in..... Inch
Volume..... Cu. Ft.
Rock Pressure..... lbs..... hrs.
Oil..... bbls., 1st 24 hrs.
Fresh water..... feet..... feet
Salt water..... feet..... feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|---------------------|
| Size | | | |
| 1 Conductor | 14 | 14 | Kind of Packer..... |
| 13..... | | | |
| 10..... | 318 | 318 | Size of..... |
| 8 1/4..... | 1670 | 721 | |
| 6 5/8..... | 2406 | 2406 | Depth set..... |
| 5 3/16..... | 2655 | 2655 | |
| 4"..... | | 267 | Perf. top..... |
| 2..... | | 3104 | Perf. bottom..... |
| Liners Used..... | | | Perf. top..... |
| | | | Perf. bottom..... |

CASING CEMENTED..... SIZE..... No. Ft..... Date.....

COAL WAS ENCOUNTERED AT 1071 FEET 60 INCHES
1171 FEET 132 INCHES..... FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|---------------------|-------|--------------|------|--------|---|-------------|---------|
| Mapletown Coal | | | 1071 | 1076 | | | |
| Pittsburgh Coal | | | 1171 | 1182 | | | |
| Murphy Sand | | | 1325 | 1345 | | | |
| Little Dunkard | | | 1500 | 1520 | | | |
| Big Dunkard | | | 1655 | 1720 | | | |
| Gas Sand | | | 1840 | 1906 | | | |
| Salt Sand | | | 2043 | 2175 | | | |
| Little Lime | | | 2354 | 2365 | | | |
| Pencil Cave | | | 2365 | 2380 | | | |
| Big Lime | | | 2380 | 2468 | | | |
| Big Injun Sand | | | 2468 | 2612 | Water at 2543 - 2545 | | |
| Squaw Sand | | | 2625 | 2640 | | | |
| Sand | | | 2930 | 2950 | | | |
| 50 ft. Sand | | | 3063 | 3110 | Oil and Gas at 3068 - 3074 | | |
| 30 ft. Sand | | | 3115 | 3165 | | | |
| Campbells Run Sand | | | 3315 | 3334 | | | |
| Gordon Sand | | | 3379 | 3394 | Hole reduced to 4" | | |
| 4th Sand | | | 3404 | 3441 | Gas at 3418 - 3430 | | |
| Total Depth | | | 3441 | | | | |
| Present total depth | | | | 3079 | Well showed 4 or 5 bbls. in 50' sand. Well filled up to 3079' with stone. 3079' is now total depth. | | |
| | | | | | Shot with 2 4x20 qt. shells @ top 3066, bottom 3079 | | |



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

061-0891-P

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVITE 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: GALLAGHER, NELSON D. Operator Well No.: F2-417

LOCATION: Elevation: 1440.00 Quadrangle: WADESTOWN
District: BATTELLE County: MONONGALIA
Latitude: 8050 Feet South of 39 Deg. 40 Min. 0 Sec.
Longitude 3325 Feet West of 80 Deg. 17 Min. 30 Sec.

Well Type: OIL X GAS _____

Company: Pennzoil Company Coal Operator Eastern Associated Coal
PO Drawer 1588 Parkersburg, WV 26102 or Owner Route 1 Box 144
Formerly - Venture Oil Co. Well Fairview, WV 26570

Agent: John A. Veitch
Inspector: Don Ellis
Permit Issued: 12/12/88

Coal Operator or Owner
RECEIVED
FEB 28 1989

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Monongalia ss:

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Jim Gump and Melvin Eddy 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 Chisler Brothers, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 3 day of February, 1989, and that the well was plugged and filled in the following manner:

| TYPE | FROM | TO | PIPE REMOVED | LEFT |
|---|----------------------------|------------------------|-------------------|----------------|
| Cleaned out to 1669' | Run Logs, Gamma | Ray. Neutron & | 3 Arm Caliper | |
| Ripped old 8" Pipe | 1160 | 1190 | | |
| Run 4 1/2" pipe | Surface | 1659' gelled | hole with 40 sack | gell & 5 sacks |
| paper mulch Run 150 sk. | chem. comp. pulled | 356' of 4 1/2" pipe | got circulation | 1303' |
| Run 800 sk. of Portland & pumped plug to 1288 | 150 sk. chem. bailed water | out inside 4 1/2" pipe | sack Portland and | plug came to |
| tagged cement on outside surface | of 4 1/2" pipe | at 150 Run 160 | | |
| Old 10" pipe | 104 | 304 | | 200' |
| old 8" pipe | 940 | 1604 | | 664' |

Description of monument: 4 1/2" x 2" swedge metal plate welded to 2" pipe with date plugged and A.P.I. No. on plate

and that the work of plugging and filling said well was completed on the 16 day of February, 1989.

And further deponents saith not.

Sworn and subscribe before me this 21st day of February, 1989
My commission expires: June 17, 1997

Jim Gump
Melvin Eddy
William J. Tuttle
Notary Public