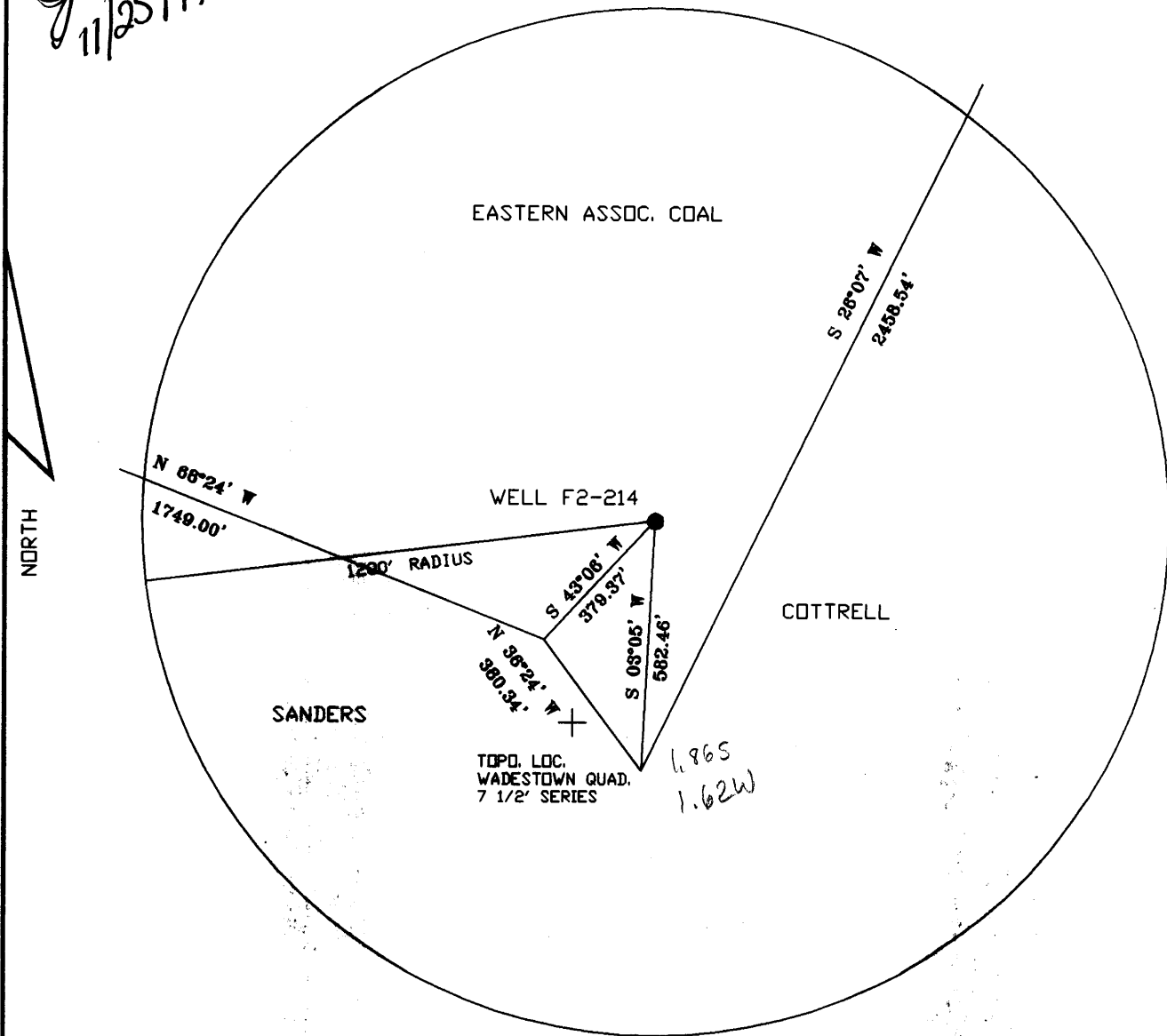


LATITUDE 39° 42' 30"

8560'

LONGITUDE 80° 17' 30" 9800'

Jamie
11/25/97

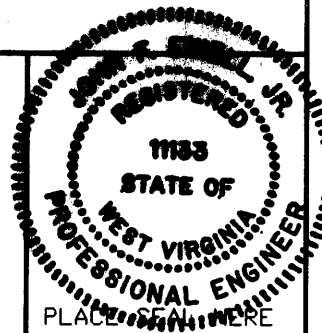


4705
384 E

FILE NO. F2-1-214
 DRAWING NO. F2-2-267
 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) *John F. Ewell Jr.*
 R.P.E. 11133 L.L.S.



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

FORM IV-6
(8-78)

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

DATE NOV. 17, 1997
 OPERATOR'S WELL NO F2-195
 API WELL NO.

47-061-01291-P
 STATE COUNTY PERMIT

was: 061-186

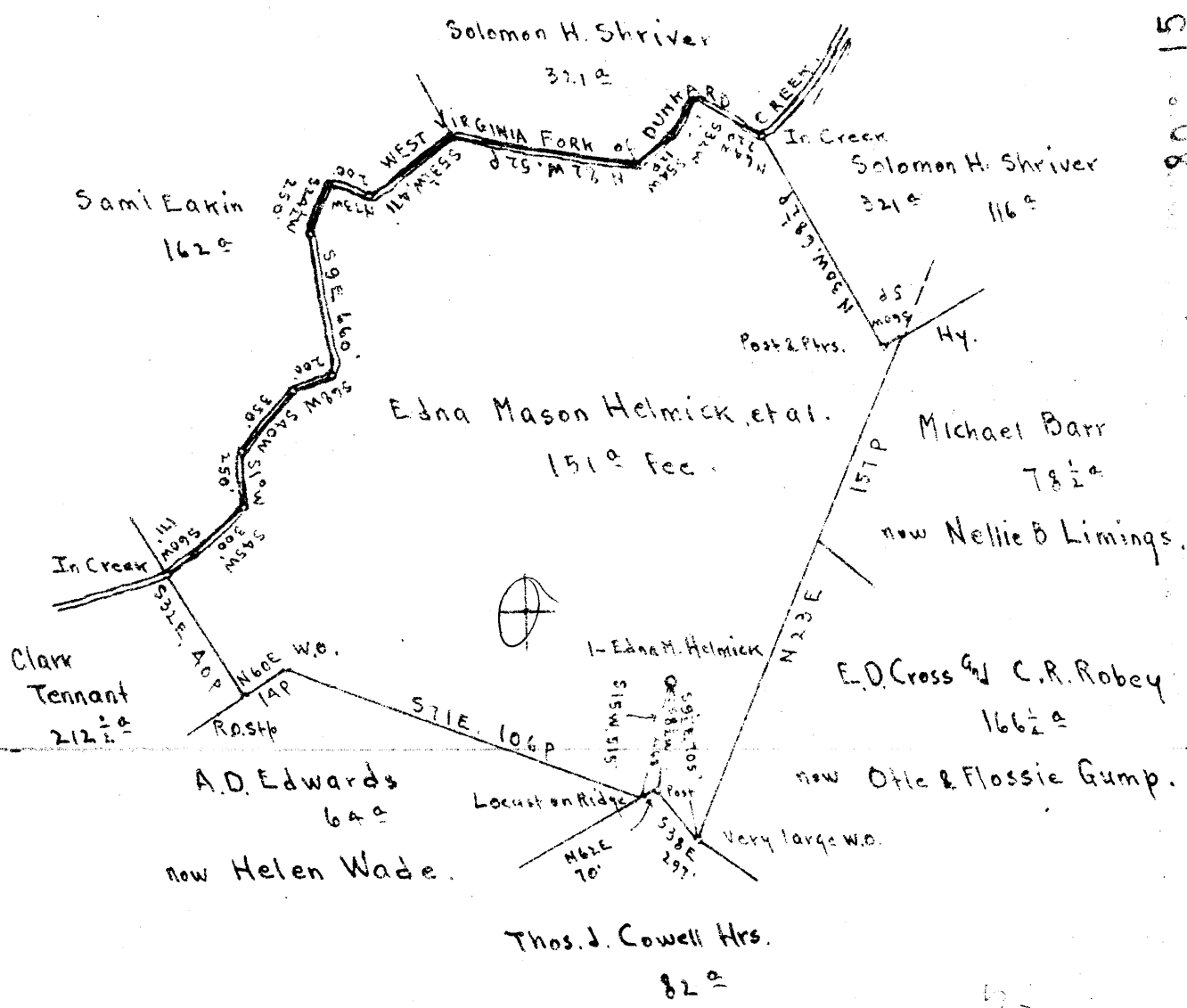
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X)
 LOCATION: ELEVATION 1280 WATERSHED WV FORK OF DUNKARD
 DISTRICT BATTELLE COUNTY MONONGALIA
 QUADRANGLE WADESTOWN *Mannington NE*
 SURFACE OWNER EASTERN ASSOC. COAL ACREAGE ___
 OIL & GAS ROYALTY OWNER D.A. NULL 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 BIG INGIN ESTIMATED DEPTH 2800
 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

DEC 1 1997

Scale 1" = 800'

Longitude 80° 15'



This Coal has not been sold.

The entire 151 a is in Fee and belongs to

Each 1/3 (Mrs. Edna Mason Helmick, Agent, 701 Ninth St., Fairmont, W. Va.
 Undivided } Miss Bess V. Mason.
 Interest } C.H. Mason.

- New Location
- Drill Deeper
- Abandonment

Company D.A. Null, et al
 Address Hundred, W. Va.
 Farm Edna M. Helmick et al
 Tract Acres 151 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) Floor (Est) - 1286.51
Ground - 1286.01
 Quadrangle Mannington
 County Monongalia District Dattelle
 Engineer E.C. Tabler
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date August 1st 1946 Scale 1" = 800'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. MON-186
 now: 061 (291)

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
WELL RECORD

Permit No. Mon 186 → *now: DG 1 1291*
Mannington Quad.
Company D.A. Null et al
Address Hundred, W.Va.
Farm Edna Mason Helmick et al A 151
Location
Well No. 1 Elev. 1286.01
District Battelle Monongalia County
Surface
Mineral
Commenced Sept. 23, 1946
Completed Jan. 3, 1947
Water 1051 4 blrs.; 2006 6 blrs.

Dry Hole
CASING & TUBING

	1½	190	190
	8½	1437	1437
	6 5/8	2323	2323

Clay Y	0	16	Gordon Sand Wh	H	3150	3165
Slate Wh	16	116	Slate Dk	S	3165	3175
Lime Gr	116	141	✓Sand Y	H	3175	3195 <i>6 5/8</i>
Slate Dk	141	241	Red Rock		3195	3200
Lime Wh	241	266	Slate & Shells		3200	3228
Slate and Lime Wh	266	566	Fourth Sand Wh <i>6 5/8</i>	H	3228	3265 <i>Gordon?</i>
Slate Wh	566	616	Slate Dk	S	3265	3276
Lime	616	625	Fifth Sand Gr	H	3276	3331
Sand	625	685	Bayard Stray Y		3331	3464 <i>AD</i>
Slate & Lime	685	750	Bayard Sand		3464	3469
Lime Wh H	750	800	Slate		3469	3481
Slate	800	860	Slate & Shells		3481	3705
Lime	860	935	Red Rock		3705	3707
Slate	935	950	✓Elizabeth Sand		3707	3717
✓Coal	950	955	Slate		3717	
Lime	955	1048	Total Depth			3746
✓Pittsburgh Coal Blk S	1048	1055				
Lime Wh H	1055	1170	Break 2425 to 2431			
✓Murphy Sand? - <i>Connellsville 55</i>	1170	1221	Gas 2988-2991 Bottom of Pay			
Red Rock	1221	1245	Gas 3328 -3436			
Lime	1245	1260				
Red Rock	1260	1280				
Slate Shells	1280	1360				
Sand	1360	1375				
Red Rock	1375	1455				
Little Dunkard Wh H	1455	1475				
Slate & Lime Shells	1475	1527				
✓Sand Wh H <i>big bank</i>	1527	1565				
Lime and Slate	1565	1640				
✓Sand <i>Gordon</i>	1640	1790				
✓Coal	1790	1795				
Lime	1795	1805				
Sand	1805	1815				
Slate	1815	1830				
1st Salt Sand	1830	1850				
Slate	1850	1885				
✓2nd Salt Sand	1885	1930				
Slate	1930	1965				
✓3rd Salt Sand	1965	2095				
Slate Bk S	2095	2145				
Red Rock	2145	2211				
Lime	2211	2229				
Slate	2229	2245				
✓Lime - <i>L. line</i>	2245	2264				
✓Pencil	2264	2269				
✓Big Lime	2269	2341				
✓Big Injun <i>5 1/2"</i>	2341	2544	Break 2425-2431			
Slate & Shells	2544	2973				
✓Fifty Foot Sand Broken Up	2973	3052	Gas 2988-2991 Bottom of Pay			
Slate	3052	3065				
✓Thirty Foot Sand	3065	3078				
Red Rock	3078	3080				
Slate	3080	3090				
Slate & Shells	3090	3118				
Pink Rock	3118	3121				
Sand Wh H	3121	3145				
Slate Wh S	3145	3150				

NE
Mannington
4.0W
5.0S

WR-3A
25-Nov-97

API # 47- 61-01291-P

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: EASTERN ASSOCIATED COAL Operator Well No.: EDNA HELMICK #1

LOCATION: Elevation: 1,280.00 Quadrangle: WADESTOWN
District: BATTELLE County: MONONGALIA
Latitude: 9800 Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude 8560 Feet West of 80 Deg. 17 Min. 30 Sec.

Well Type: OIL _____ GAS X

Company: Eastern Associated Coal Corp.
Route 1 Box 144
Fairview, W. Va. 26570

Coal Operator Eastern Associated Coal Corp.
or Owner Route 1 Box 144
Fairview, W. Va. 26570

Agent: Terry O. Hendershot

Coal Operator _____
or Owner _____

Permit Issued: 11/26/97

RECEIVED
Office of Oil and Gas

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Monongalia

ss:

FEB 04 1999

WV Division of
Environmental Protection

Craig Park and Eric Chisler 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 2 day of December, 1997, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cleaned out to depth of 1415'				
Run logs Gamma Ray, Neutron and 3 Arm Caliper.				
Run 290' of 3" pipe and 112' of 4 1/2" pipe Gelled hole with 10 sks. gell.				
Run 650 sks. portland and 150 sks. chem comp. Cement circulated.				
Pumped latch down plug to 1120'.				
Bailed water out inside 4 1/2" pipe checked plug OK				
Pittsburgh Coal	1048' to 1055'			

Description of monument: 4 1/2" X 2" Swedge with metal plate Datw plugged & A.P.I. No.
and that the work of plugging and filling said well was completed on the 22 day of Janurary, 1998.

And furthur deponents saith not.

Craig Park

Eric Dal Chisler

Sworn and subscribe before me this 12th day of FEBRUARY, 1998
My commission expires: July 7, 2007

[Signature]
Notary Public

Oil and Gas Inspector: Randal Mick

FEB 22 1999

MONO 1291-P