

7 1/2' TOPO.

THOMAS

FENCEPOST & CHESTNUT STUMP

S67-00W
2388'

MAPLE

PLUGGED WELL
ELEV. 730'

F. M. RAY
114 AC.

S23-40W
1307'

STONE

A. M. CARSON
117.5 AC.

A B

SOUTH

POST

N83-45E
2118'

STAKE

N14-00W
4643'

POINT IN ROAD

N07-30W
563.50'

T. J. C. PARSON
100 AC.

N12E

313.5'

STAKE

N00-30E

330'

N10-30W

429'

STAKE

N83-45E

1655'

STAKE - SARVIS CALLED FOR

PRIVATE ROAD

MIDDLE FORK - POCAHONSAW RIVER

- A-N17-34E, 1613.89'
- B-S13-36W, 1900.16'
- C-N07-30W, 311.00'

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION FORKS OF ROAD AT CEDAR GROVE SCHOOL - 636'
 U.S.G.S. ROMANCE TOPO.

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) Wayne P. Gordon
 R.P.E. _____ L.L.S. 624

Norton Surveys & Consulting, Inc.

PLACE SEAL HERE

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

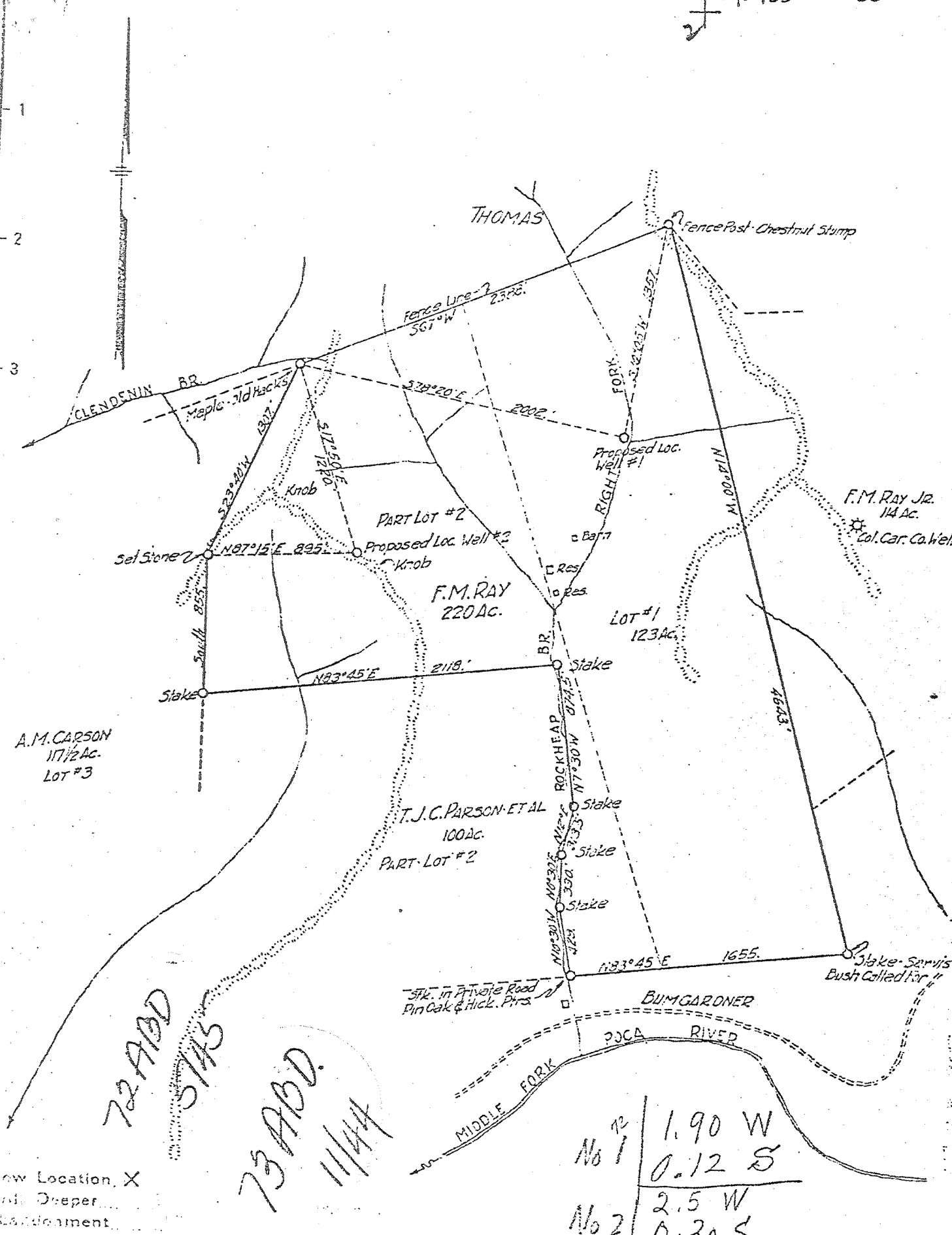


DATE AUGUST 1 1983
 OPERATOR'S WELL NO. B.H. BLACK-1
 API WELL NO. 47-035-JAC-1792P
 STATE WV COUNTY JACKSON PERMITS was 72

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 730' WATERSHED MIDDLE FORK OF POCAHONSAW RIVER
 DISTRICT WASHINGTON COUNTY JACKSON
 QUADRANGLE ROMANCE
 SURFACE OWNER F.M. RAY (B.H. BLACK) ACREAGE 220
 OIL & GAS ROYALTY OWNER F.M. RAY LEASE ACREAGE 220
 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 WELL
 PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION _____ ESTIMATED DEPTH _____
 WELL OPERATOR STEVE DUCKWORTH DESIGNATED AGENT _____
 ADDRESS GASSAWAY, W. VA. 26624 ADDRESS _____

same SEP 10 1983



New Location, X
 Data Dwyer
 Abandonment

No 1	1.90 W	0.12 S
No 2	2.5 W	0.30 S

Company R.E. McCABE
 Address CHARLESTON, W.VA.
 Farm F.M. RAY
 Tract _____ Acres 220 Lease No. _____
 Well (Farm) No. 1 & 2 Serial No. _____
 Elevation (Spirit Level) 1-731' & 2-1028'
 Quadrangle KENNA-50 S
 County JACKSON District WASHINGTON
 Engineer C. B. Holsclaw
 Engineer's Registration No. 250
 File No. _____ Drawing No. _____
 Date FEB. 14, 1940. Scale 1"=800'

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

WELL LOCATION MAP
 FILE NO. JAG-72 & 73
WELLS 1 & 2
 (now 1792 p)

+ 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.

6-6-1942

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Jac-72
Kenna Quad.

Gas Well

CASTING & TUBING

Company	R. E. McCabe	13	68	0
Address	Box 332, Charleston, W. Va.	10	437-7	437-7
Farm	F. M. Ray, Jr. ACRES 245	2-1/4	1934-7	1934-7
Location	Middle Fork	7	4924-8	4924-6
Well No.	1 ELEV. 731 G	2	5112-8	5112-8
District	Washington - Jackson County			
Surface	H. C. Ray, Sissonville, W. Va.		25 sacks cement	
Mineral	F. M. Ray, Jr. & Minerva E. O'Dell			
Address	Sissonville & Charleston, W. Va.		6/29/40 - 4925' of 7"	
Commenced	March 21, 1940		casing cemented	
Completed	July 9, 1940			
Volume	over 20,000,000 c.f.			
Rock Pressure	1580 lbs. 11 days			
Fresh Water	45			
Salt Water	915			

Soil	0	10	Lime	1155	1165	
Slate	10	40	Black Slate	1165	1225	
Gravel	40	50	Gritty Lime	1225	1300	
Lime	50	60	Black Slate	1300	1306	
Slate	60	70	Lime	1306	1334	
Lime	70	90	- Sand	1334	1655	W 1339
Slate	90	110	Water 115 - Lime	1655	1668	
Sand	110	120	- Slate	1668	1680	
Slate	120	190	- Big Lime	1680	1618	
Red Rock	190	198	- Injun Sand	1618	1894	Gas 1850
Slate	198	220	Slate	1894	1923	
Gritty Lime	220	282	Lime	1928	1935	Steel Line by Halli- burton 1933
Red Rock	282	294				
Slate	294	310				
Red Rock	310	420	White Slate	1935	1951	
Lime	420	438	Gritty Lime	1951	1967	
White Slate	438	444	White Slate	1967	1980	
Red Rock	444	460	Gritty Lime	1980	2023	
White Slate	460	482	Slate & Shells	2023	2282	
Lime	482	498	- Brown Shale	2282	2293	
White Slate	498	502	- Berea Grit	2293	2325	Gas 2297
Red Rock	502	522	Slate & Shells	2325	3528	
Blue Lime	522	554	Brown Shale - 441	3528	3580	
Pink Rock	554	570	Slate & Shells	3580	3917	
Black Lime	570	586	Brown Shale	3917	4146	Gas 4010
White Slate	586	627	Slate & Shells	4146	4590	
Blue Lime	627	643	Brown Shale	4590	4863	
White Slate	643	667	- Black Shale - Macmillan	4863	4908	Gas 4670
Sand	667	730	- Corniferous Lime	4908	5021	
Black Slate	730	733	- Oriskany	5021	5046	Gas 5024- 5046
Sand	733	774				
White Slate	774	789	Total Depth	475	5046	
Gritty Lime	789	802				
White Slate	802	805				
Sand	805	840				
White Slate	840	852				
Gritty Lime	852	880				
Black Slate	880	906				
Sand	906	963				
Black Slate	963	1000				
Sand	1000	1050				
Black Slate	1050	1076				
Black Lime	1076	1100				
Black Slate	1100	1130				
White Slate	1130	1140				
Lime	1140	1150				
White Slate	1150	1155				

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT, 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.

COAL OPERATOR OR OWNER	Steve Duckworth
ADDRESS	Davison Rt. Bx 88 - Gassaway, W.Va. 26024
COAL OPERATOR OR OWNER	Sept. 22, 19 83
ADDRESS	Washington District
LEASE OR PROPERTY OWNER	Jackson County
ADDRESS	Well No. Two (2) Byron H. Black Farm

STATE INSPECTOR SUPERVISING PLUGGING Homer H. Dougherty

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Eugene Prunty } ss:
Black Duckworth and Todd Duckworth

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 Steve Duckworth, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 13 day of July, 1983, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
	Filled Hole with Gel			
	Cement 1900-1650			
	Cement 1300-1200			
	Cement 600-500			
	Cement 265-215			
	Cement 50-0			
COAL SEAMS (NAME)		DESCRIPTION OF MONUMENT		
(NAME)		Erected Monument according to rules and regulations.		
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 2 day of Aug., 1983.

And further deponents saith not.

Eugene Prunty
Todd Duckworth
Sworn to and subscribed before me this 22 day of September, 1983.
Kathy Sue Given
Notary Public.

My commission expires:
July 16, 1990