

Paul R. Baker et ux
66.84 ac

Roy Lee Chipps 1/2 int
Rosetta Pratt 1/2 int
72.4 ac

Dustin N and Dena Baker
83.94 ac

Willis L. and Lola J. Matthey
147.91 ac

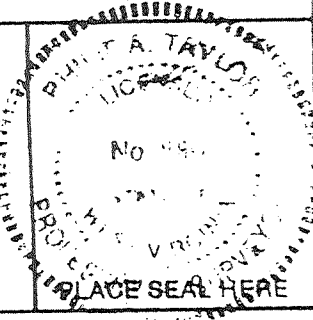
WELL TIES
(a) S 00° 27' 10" E 807.25'
(b) S 75° 03' 39" E 242.27'

WELL REFERENCES
S 56° 39' W 130.4' to 12" maple
S 32° 58' W 169.1' to 14" poplar

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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 600'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION Exist well #2479, Elev.. 1310'

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 ENERGY.
(SIGNED) Philip A. Taylor
R.P.E. _____ I.L.S. 880
PHILIP A. TAYLOR



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE March 31, 1998
OPERATOR'S WELL NO. I.N. Riffée #1
API WELL NO.

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1342.9' WATERSHED Robinson Fork
DISTRICT McClellan COUNTY Doddridge

QUADRANGLE Salem 7.5 min.
SURFACE OWNER Brenda E. Chipps, et al. ACREAGE 132.63
OIL & GAS ROYALTY OWNER I.N. Riffée LEASE ACREAGE 132.63

LEASE NO. _____
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

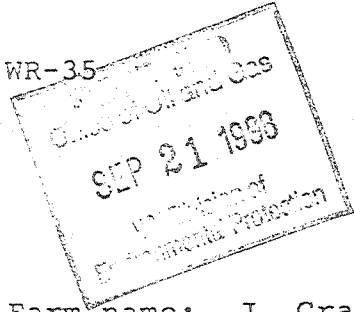
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION Benson ESTIMATED DEPTH 5750'
WELL OPERATOR Dominion Appalachian Dev. DESIGNATED AGENT John Haskins
ADDRESS P.O. Box 1248 ADDRESS P.O. Box 1248
Jane Lew, WV 26378 Jane Lew, WV 26378

FORM WV-6

COUNTY NAME
Doddridge

PERMIT
4429

WR-35



24-Apr-98
API # 47- 17-04429

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: J. Craddock, B. Hornbeck Operator Well No.: I.N. Riffie #1

LOCATION: Elevation: 1,342.90 Quadrangle: SALEM

District: MCCLELLAN County: DODDRIDGE
Latitude: 3650 Feet South of 39 Deg. 20Min. 0 Sec.
Longitude 8600 Feet West of 80 Deg. 32 Min. 30 Sec.

Company: DOMINION APPALACHIAN DEVE
P. O. DRAWER R
JANE LEW, WV 26378-0000

Agent: JOHN T. HASKINS

Inspector: MIKE UNDERWOOD
Permit Issued: 04/23/98
Well work Commenced: 4/30/98
Well work Completed: 5/14/98
Verbal Plugging
Permission granted on: N/A
Rotary X Cable Rig
Total Depth (feet) 5700'
Fresh water depths (ft) 80', 180',
1945'
Salt water depths (ft)

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	262'	262'	157 sks
8 5/8	1856	1856	436 sack
4 1/2	5559'	5559'	159 sacks

Is coal being mined in area (Y/N)?
Coal Depths (ft): 871'-880'

OPEN FLOW DATA

Producing formation Benson/Riley Pay zone depth (ft) 538-5456'
Gas: Initial open flow TSTM MCF/d Oil: Initial open flow - Bbl/d
Final open flow 158 MCF/d Final open flow - Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 750 psig (surface pressure) after 168 Hours

Second producing formation Pay zone depth (ft)
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests Hours
Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: Larry J. Cavallo
DOMINION APPALACHIAN DEVELOPMENT, INC.

By: Larry J. Cavallo; Manager of Engineering
Date: 9/14/98

Dodd 4429

SEP 24 1998

1 STAGE(S) gelled water FRAC DATE May 14, 1998
 ZONES PERFS HOLES BBL BP ISIP

Benson/Riley 5358-5456 17 392 2342 2500

FORMATION	COLOR	HARD/SOFT	TOP	BOTTOM	REMARKS
FILL			0	5	
SHALE			5	25	
SAND			25	540	
SANDY SHALE			540	635	
SAND			635	695	
SAND & SHALE			695	871	
COAL			871	880	
SAND & SHALE			880	1927	
SAND			1927	1973	
SHALE			1973	1983	
SAND			1983	2015	
SHALE			2015	2028	
SAND			2028	2076	
SHALE			2076	2112	
SAND & SHALE			2112	2220	
SAND			2220	2295	
SAND & SHALE			2295	2352	
LITTLE LIME			2352	2365	
LIME c SHALE			2365	2376	
LIME			2376	2390	
LIME & SHALE			2390	2415	
BIG LIME			2415	2485	
BIG INJUN			2485	2526	
SAND & SHALE			2526	3120	
GORDON			3120	3225	
SAND & SHALE			3225	5435	
BROWN SAND			5345	5450	
SAND & SHALE			5450	5700	
			TD	5700	