

LATITUDE 39-35-00

WELL REFERENCES:

N27-30W, 154.50' TO 6" LOCUST
N40-00E, 127.00' TO 3" LOCUST

WV POWER TRANS. CO.

S 88°05'00" E
2505.56'

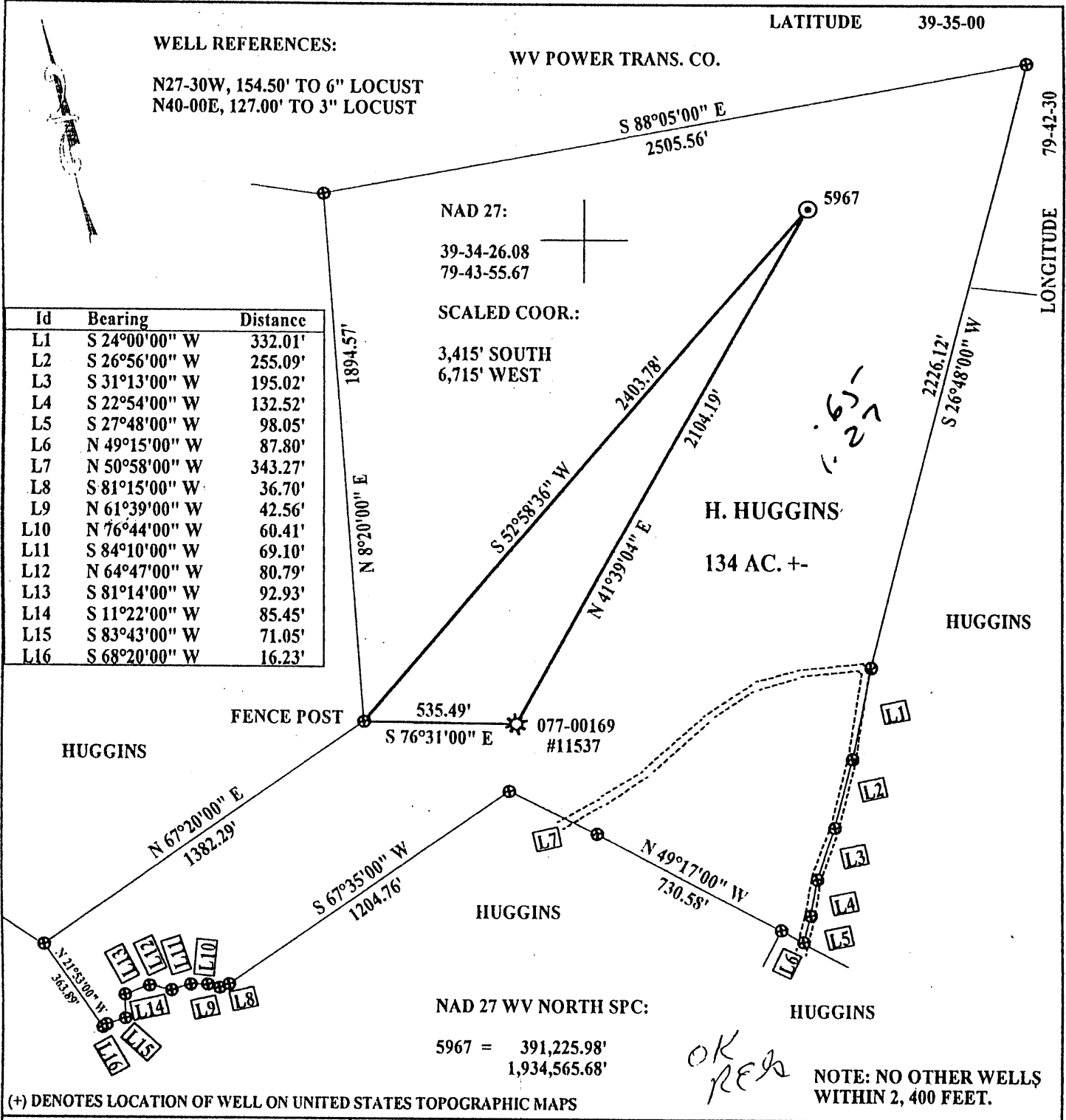
NAD 27:

39-34-26.08
79-43-55.67

SCALED COOR.:

3,415' SOUTH
6,715' WEST

Id	Bearing	Distance
L1	S 24°00'00" W	332.01'
L2	S 26°56'00" W	255.09'
L3	S 31°13'00" W	195.02'
L4	S 22°54'00" W	132.52'
L5	S 27°48'00" W	98.05'
L6	N 49°15'00" W	87.80'
L7	N 50°58'00" W	343.27'
L8	S 81°15'00" W	36.70'
L9	N 61°39'00" W	42.56'
L10	N 76°44'00" W	60.41'
L11	S 84°10'00" W	69.10'
L12	N 64°47'00" W	80.79'
L13	S 81°14'00" W	92.93'
L14	S 11°22'00" W	85.45'
L15	S 83°43'00" W	71.05'
L16	S 68°20'00" W	16.23'



H. HUGGINS

134 AC. +-

HUGGINS

NAD 27 WV NORTH SPC:

5967 = 391,225.98'
1,934,565.68'

HUGGINS

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

NOTE: NO OTHER WELLS WITHIN 2, 400 FEET.

FILE NUMBER: _____
DRAWING NUMBER: DEP5967.PCS
SCALE: 1" = 500'
MINIMUM DEGREE OF ACCURACY: 1 IN 200
PROVEN SOURCE OF ELEVATION: DGPS SURVEY 03/06/02
SUBMETER SYSTEM

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)

STEPHEN D. LOSII, P.S. #674



PLACE SEAL HERE

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
110 N. JUNKIN ROAD
NITRO, WV 25143-2506

LAND SURVEYING SERVICES
21 CEDAR LANE, BRIDGEPORT, WV 26330
PHONE: 304-842-2018 OR 842-5762

DATE: MARCH 07, 2002
OPERATORS WELL NO.: 5967
API WELL NO. 47 - 077 - 00328
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1968.09' WATERSHED CHEAT RIVER
DISTRICT VALLEY COUNTY PRESTON
QUADRANGLE VALLEY POINT LEASE NUMBER LC12742

SURFACE OWNER MARVIN L. HUGGINS (NINA HUGGINS - LIFE ESTATE) ACREAGE 132.73
OIL & GAS ROYALTY OWNER HUBERT HUGGINS LEASE ACREAGE 134.00

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) _____

TARGET FORMATION RILEY PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
ESTIMATED DEPTH 3950'

WELL OPERATOR DOMINION EXPLORATION & PRODUCTION, INC. DESIGNATED AGENT RODNEY BIGGS
ADDRESS P. O. BOX 1248 JANE LEW, WV 26378 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378

COUNTY NAME PERMIT

PRE 0328

2-2 unnamed (+ 077169 - tasc) JUN 8 3 2002

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Ac 93

Well Operator's Report of Well Work

Farm name: Huggins, Marvin L. Operator Well No.: 5967

LOCATION: Elevation: 1968.09' Quadrangle: Valley Point

District: Valley County: Preston

Latitude: 3,415 Feet South of 39 Deg. 35 Min. 00 Sec.

Longitude 6,715 Feet West of 79 Deg. 42 Min. 30 Sec.

Company: Dominion Exploration & Production, Inc

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P O Box 1248				
Jane Lew, WV 26378				
Agent: Rodney J. Biggs				
Inspector: Randal Mick				
Date Permit Issued: 06/24/2002				
Date Well Work Commenced: 11/11/2002	9 5/8"	30'	30'	Sand In
Date Well Work Completed: 11/21/2002				
Verbal Plugging: N/A	7"	914'	914'	135 sks
Date Permission granted on: N/A				
Rotary X Cable Rig	4 1/2"	3827'	3827'	290 sks
Total Depth (feet): 3950'				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				

OPEN FLOW DATA

Riley Pay zone depth (ft) 3676-3692'
Producing formation Upper Riley Pay zone depth (ft) 3260-3268'
Gas: Initial open flow Odor MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 94 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 12 Hours
Static rock Pressure 350 psig (surface pressure) after 12 Hours

Balltown Pay zone depth (ft) 2974-2984'
Second producing formation 4th Sand Pay zone depth (ft) 1972-1982'
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
* Comingled

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.

Signed: _____
By: Rodney J. Biggs
Date: 1/9/03

FEB 27 2003

RF

WELL 5967

11/21/2002 PLAN TO FRAC TODAY

11/22/2002

PERFED AND FRACED AS FOLLOWS:

RILEY, 3676 - 3692', 18 HOLES, BD 2337#, AVG RATE 22 BPM AVG PRESS 2250#, 340 BBLs, TOT SAND 20,500#, ISIP 1870#

UPPER RILEY, 3260 - 3268', 16 HOLES, BD 1980#, AVG RATE 19 BPM, AVG PRESS 2636#, 291 BBLs, TOT

SAND 15,200#, ISIP 1770#

BALLTOWN, 2974 - 2984', 20 HOLES, BD 1618#, AVG RATE 18 BPM, AVG PRESS 2922#, 354 BBLs, TOT SAND

21,500#, ISIP 1715#

Sand	0	50
Sand	50	80
Sand & Shale	80	120
Sand	120	140
Shale	140	170
Sand	170	200
Sand	200	260
Sand	260	560
Sand	560	590
Sand/Shale	650	680
Red Rock	680	710
Red Rock	710	740
Samll RR	740	770
RR	770	800
RR/Shale	800	830
RR/Shale	830	860
RR Shale Lime	860	890

Big Lime	876	1052
Big Injun	1052	1106
Weir Sand	1139	1279
Gantz	1370	1398
50 Goot	1425	1516
30 Goot	1527	1567
4th Sand	1968	1999
Bayard Group	2222	2336
Speechley Group	2749	2823
Balltown Group	2952	3051
Riley	3677	3697
LTD		3950'