

WELL REFERENCES:

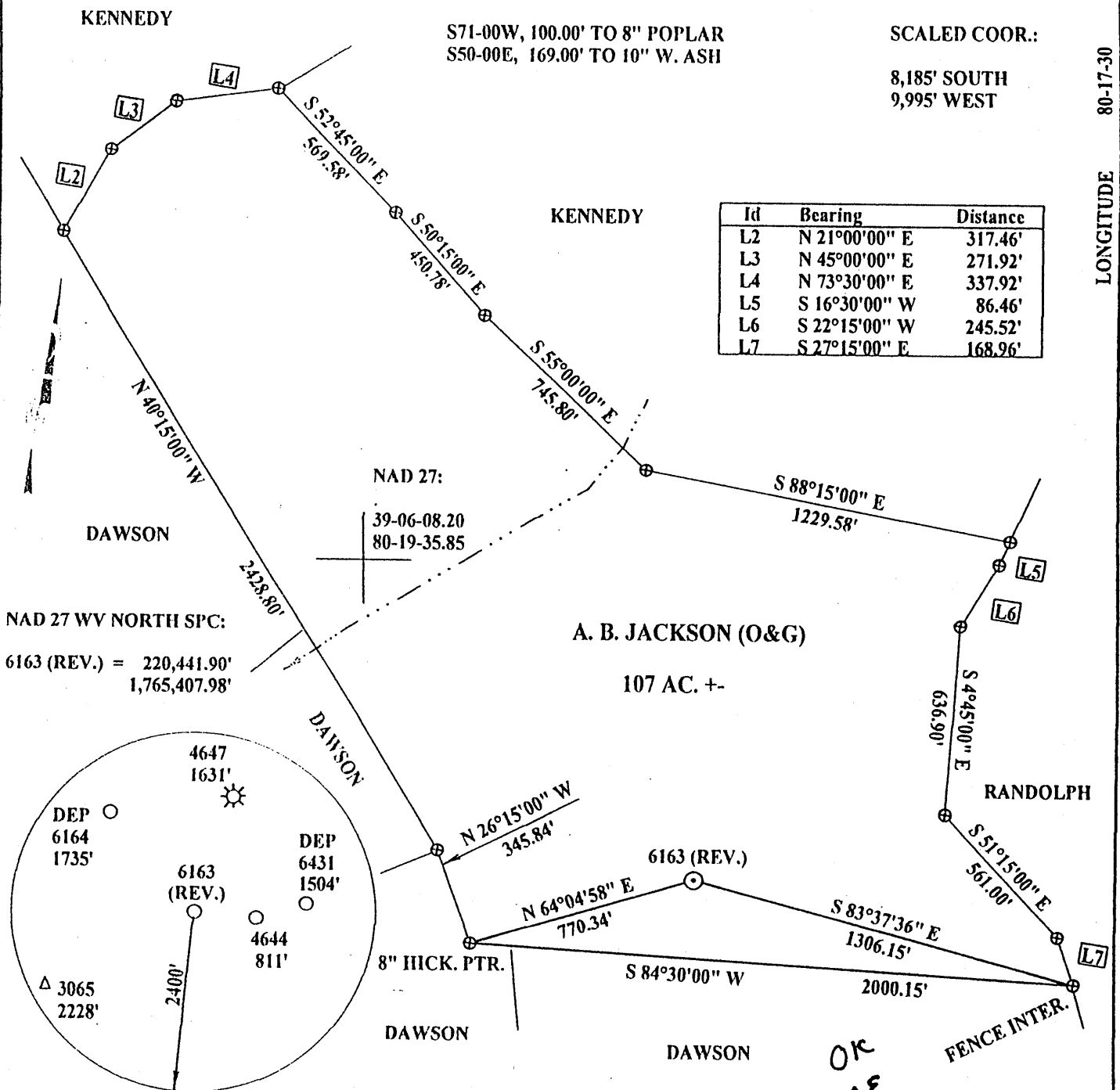
S71-00W, 100.00' TO 8" POPLAR
S50-00E, 169.00' TO 10" W. ASH

LATITUDE 39-07-30

SCALED COOR.:

8,185' SOUTH
9,995' WEST

LONGITUDE 80-17-30



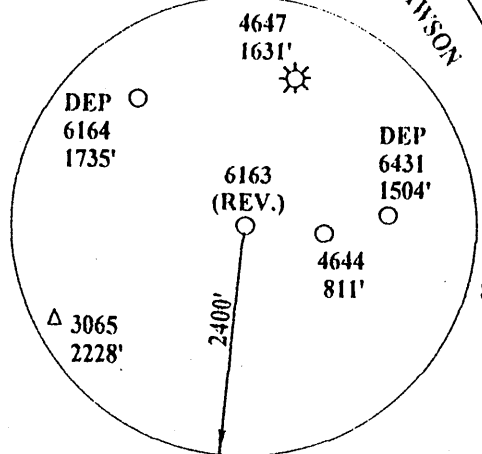
Id	Bearing	Distance
L2	N 21°00'00" E	317.46'
L3	N 45°00'00" E	271.92'
L4	N 73°30'00" E	337.92'
L5	S 16°30'00" W	86.46'
L6	S 22°15'00" W	245.52'
L7	S 27°15'00" E	168.96'

NAD 27:
39-06-08.20
80-19-35.85

NAD 27 WV NORTH SPC:
6163 (REV.) = 220,441.90'
1,765,407.98'

A. B. JACKSON (O&G)

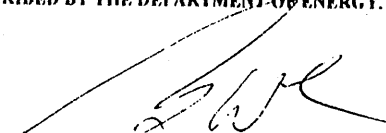
107 AC. +-

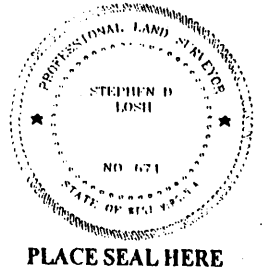


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: _____
DRAWING NUMBER: DEP6163R.PCS
SCALE: 1" = 500'
MINIMUM DEGREE OF ACCURACY: 1 IN 200
PROVEN SOURCE OF ELEVATION: DGPS SURVEY 12/03/03
SUBMETER SURVEY

I THE UNDERSIGNED, HEREBY STATE 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. LOSH, P.S. #674



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

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

DATE: DECEMBER 05, 2003
OPERATORS WELL NO.: 6163 (REV.)
API WELL NO. 47 - 041 - 04788
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 1467.31' WATERSHED BILLS LICK
DISTRICT HACKERS CREEK COUNTY LEWIS
QUADRANGLE BERLIN LEASE NUMBER LC067679

SURFACE OWNER THOMAS C. KENNEDY, ET. AL. ACREAGE 107.00
OIL & GAS ROYALTY OWNER ALLIE B. JACKSON LEASE ACREAGE 107.00

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

TARGET FORMATION BENSON PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
ESTIMATED DEPTH 4600'

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 LEW
PERMIT 4788

6-6 WESTON JANE LEW (153)

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

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Well Operator's Report of Well Work

Farm name: Kennedy, Thomas C., Etal Operator Well No.: 6163 Rev

LOCATION: Elevation: 1467.31' Quadrangle: Berlin

District: Hackers Creek County: Lewis
Latitude: 8,185 Feet South of 39 Deg. 07 Min. 30 Sec.
Longitude 9,995 Feet West of 80 Deg. 17 Min. 30 Sec.

Company: Dominion Exploration & Production, Inc

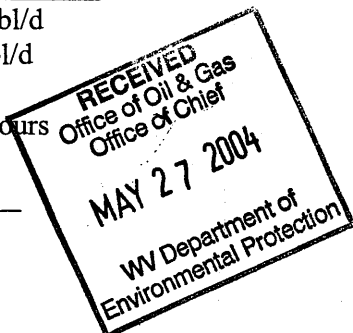
	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P O Box 1248 Jane Lew, WV 26378				
Agent: Rodney J. Biggs				
Inspector: Tim Bennett				
Date Permit Issued: 02/04/2004				
Date Well Work Commenced: 05/04/2004	16"	40'	40'	Sand In
Date Well Work Completed: 05/18/2004				
Verbal Plugging N/A	10 3/4"	830'	830'	440 sks
Date Permission granted on: N/A				
Rotary X Cable Rig	7"	2167'	2167'	580 sks
Total Depth (feet): 4635'				
Fresh Water Depth (ft.): 55', 1321'	4 1/2"	4603'	4603'	190 sks
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 4485-4495'
Bayard 2600-2610'
Gas: Initial open flow 133 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 888 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 12 Hours
Static rock Pressure 1200 psig (surface pressure) after 12 Hours

*Commingled

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.

Signed: _____
By: Rodney J. Biggs
Date: 5/25/04

NR

JUN 1 8 2004

LEW 4788

05/18/2004 FRAC Today WELL 6163

PERFED AND FRACED AS FOLLOWS:

BENSON, 4485 - 4495', 21 HOLES, BD 2125#, AVG RATE 20 BPM, AVG PRESS 1544#, 543 BBLs,
TOT SAND 40,000#, ISIP 1130#

BAYARD, 2600 - 2610', 21 HOLES, BD 2841#, AVG RATE 17 BPM, AVG PRESS 1844#, 400 BBLs,

TOT SAND 30,000#, ISIP 1675#

Clay/Shale	0	40
Sand & Shale	40	254
RR/Shale	254	372
Sand & Shale	372	415
Sand	415	430
RR/Shale	430	448
Sand	448	548
Sand & Shale	548	756
Sand	76	855
Sand & Shale	855	954
RR/Shale	954	980
Sand & Shale	980	1038
Sand	1038	1071
Sand & Shale	1071	1615

FORMATION TOPS					
DEPI #6163		047-041-04788			
			TOP	BASE	
LITTLE LIME			1615	1659	
BIG LIME			1659	1725	
KEENER SAND			1725	1750	
BIG INJUN SAND			1750	1829	
GANTZ SAND			1994	2030	
50 FOOT			2086	2145	
30 FOOT			2164	2179	
GORDON SAND			2345	2433	
5TH SAND			2520	2550	
BAYARD SAND			2600	2612	
BENSON			4477	4513	
LTD			4651		