

WELL REFERENCES:

S14-00W, 90.50' TO 12" RED MAPLE  
 N09-00W, 111.00' TO 14" Y. POPLAR

LATITUDE 39-02-30

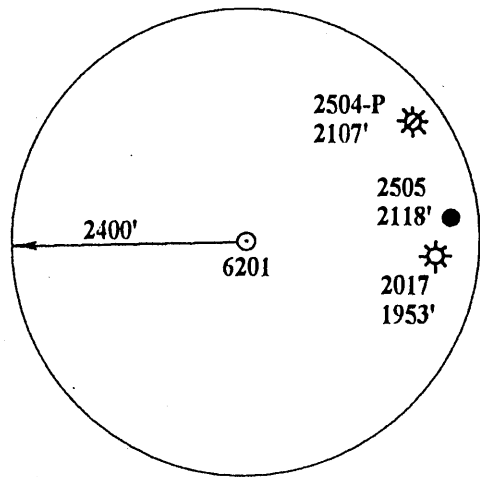
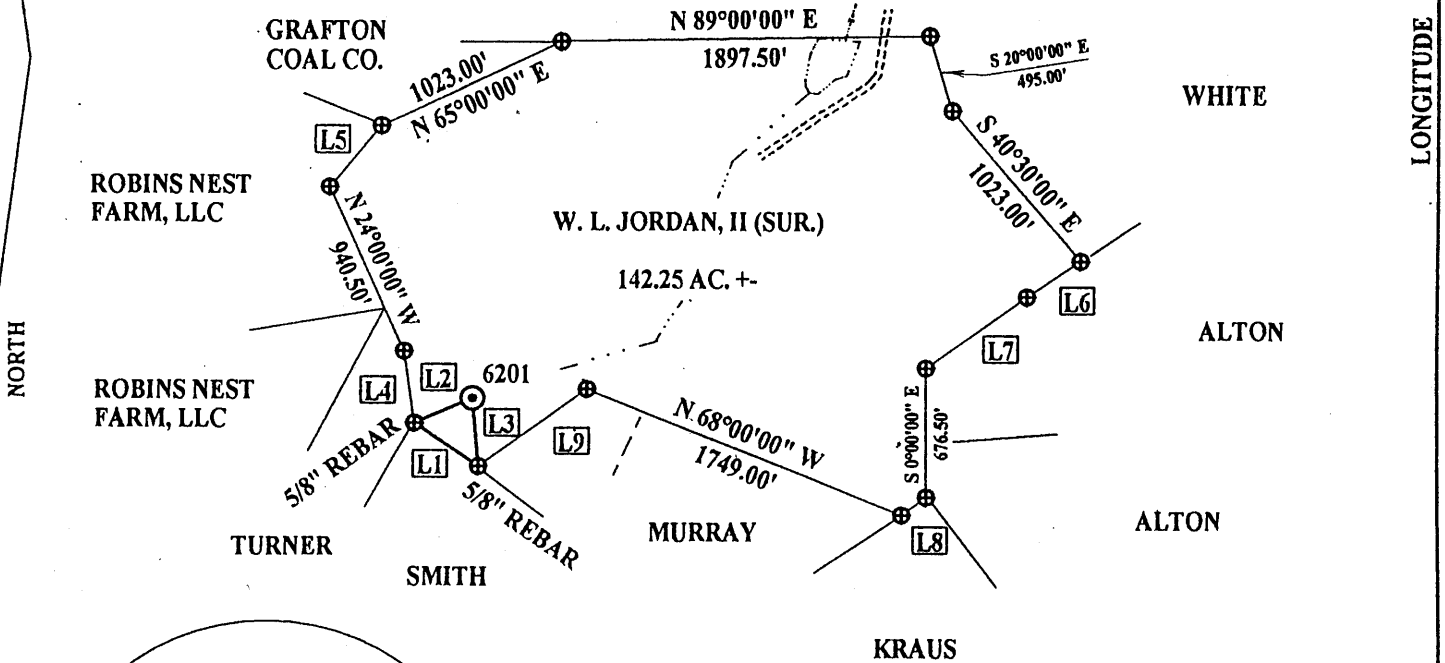
450' SOUTH  
 1,410' WEST

NAD 27:

39-02-25.41  
 80-32-47.79

LONGITUDE 80-32-30

DEBRULAR



NAD 27 WV NORTH SPC:

6201 = 198,553.56'  
 1,702,716.90'

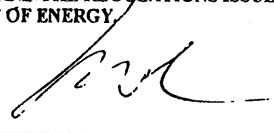
*old  
 REAR*

Id	Bearing	Distance
L1	N 55°00'00" W	400.22'
L2	N 66°34'29" E	327.31'
L3	S 4°22'24" E	360.73'
L4	N 8°00'00" W	379.50'
L5	N 40°00'00" E	412.50'
L6	S 56°00'00" W	334.95'
L7	S 54°00'00" W	643.50'
L8	S 54°00'00" W	156.75'
L9	S 54°00'00" W	693.00'

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

FILE NUMBER: \_\_\_\_\_  
 DRAWING NUMBER: DEP6201.PCS  
 SCALE: 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY: 1 IN 200  
 PROVEN SOURCE OF ELEVATION: DGPS SURVEY 11/11/02  
SUBMETER SYSTEM

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



PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS  
 FORM WW-6 #10 McJUNKIN ROAD  
 NITRO, WV 25143-2506

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

DATE: NOVEMBER 12, 2002

OPERATORS WELL NO.: 6201

API WELL NO. 47 - 041 - 04651

STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1279.11' WATERSHED POLK CREEK

DISTRICT FREEMANS CREEK COUNTY LEWIS

QUADRANGLE CAMDEN LEASE NUMBER 053248

SURFACE OWNER WALTER LEE JORDAN, II ACREAGE 133.50

OIL & GAS ROYALTY OWNER JAMES JARVIS LEASE ACREAGE 150.00

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

TARGET FORMATION BALLTOWN ESTIMATED DEPTH 3680'

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 LEW 4651

*150 Murphy Creek*

*6-6*

FEB 28 2003

*Biggs*

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

Well Operator's Report of Well Work

Farm name: Water Lee Jordan II Operator Well No.: 6201

LOCATION: Elevation: 1279.11' Quadrangle: Camden

District: Freemans Creek County: Lewis  
Latitude: 450 Feet South of 39 Deg. 02 Min. 30 Sec.  
Longitude 1410 Feet West of 80 Deg. 32 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: 02/24/03				
Date Well Work Commenced: 03/27/03	13 3/8"	30'	30'	Sand In
Date Well Work Completed: 04/08/03				
Verbal Plugging: N/A	9 5/8"	37'	37'	Sand In
Date Permission granted on: N/A				
Rotary X Cable Rig	7"	1196'	1196'	175 sks
Total Depth (feet): 3686'				
Fresh Water Depth (ft.): 100'	4 1/2"	3652'	3652'	240 sks
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				

Office of Oil & Gas  
Permitting  
212003  
WV Department of  
Environmental Protection

OPEN FLOW DATA

Producing formation Balltown Pay zone depth (ft) 3491-3522'  
5th Sand 2522-2532'  
Gas: Initial open flow 33 MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 1.7M MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 12 Hours  
Static rock Pressure 550 psig (surface pressure) after 12 Hours

Second producing formation Gordon Pay zone depth (ft) 2305-2315'  
Big Injun 1821-1831'  
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: *Rodney J. Biggs*  
By: Rodney J. Biggs  
Date: 4/17/03

*MR* AUG 01 2003

LEW 4651

**WELL 6201**

**04/08/2003 PLAN TO FRAC TODAY**

PERFED AND FRACED AS FOLLOWS:

BALLTOWN, 3491 - 3522', 26 HOLES, BD 1200#, AVG RATE 21.4 BPM, AVG PRESS 504#, 371 BBLs, TOT SAND 25,000#, ISIP 600#

5TH SAND, 2522 - 2532', 22 HOLES, BD 1128#, AVG RATE 23 BPM, AVG PRESS 1238#, 317 BBLs, TOT SAND 20,000#, ISIP 880#

GORDON, 2305 - 2315', 22 HOLES, BD 1040#, AVG RATE 19 BPM, AVG PRESS 1002#, 256 BBLs, TOT SAND 15,000#, ISIP 890#

BIG INJUN, 1821 - 1831', 22 HOLES, BD 923#, AVG RATE 20 BPM, AVG PRESS 1364#, 324 BBLs, TOT SAND 25,000#, ISIP 1100#

Fill	0	25
Sand & Shale	25	328
Sand	328	380
Sand & Shale	380	630
Sand	630	691
Sand & Shale	691	790
Sand	790	846
Sand & Shale	846	1270
3 <sup>rd</sup> Salt Sand	1270	1368
Sand & Shale	1368	1670
Big Lime	1670	1784
Big Injun	1784	1824
Sand & Shale	1824	2290
Sand & Shale	2290	2338

**FORMATION TOPS**

2 <sup>nd</sup> Salt Sand	1231	1283
3 <sup>rd</sup> Salt Sand	1297	1335
Little Lime	1625	1673
Big Lime	1673	1778
Big Injun	1778	1832
Gordon Group	2275	2429
5 <sup>th</sup> Sand	2521	2547
Bayard	2600	2616
Speechley	3227	3260
Balltown	3380	3530
LTD		3688'