

WELL REFERENCES:

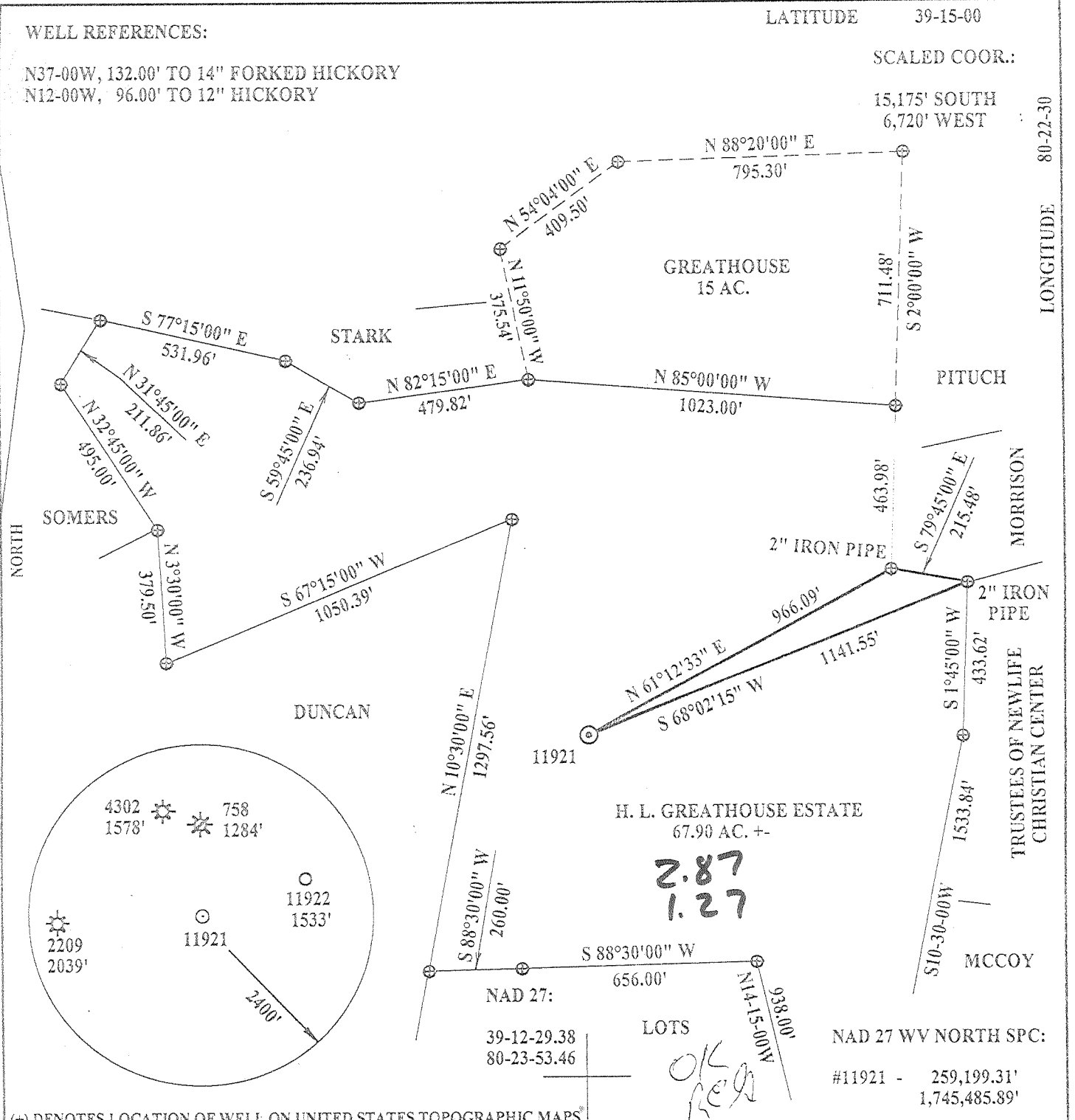
N37-00W, 132.00' TO 14" FORKED HICKORY  
 N12-00W, 96.00' TO 12" HICKORY

LATITUDE 39-15-00

SCALED COOR.:

15,175' SOUTH  
 6,720' WEST

LONGITUDE 80-22-30



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

FILE NUMBER: \_\_\_\_\_  
 DRAWING NUMBER: DEPSAYRE1.PCS  
 SCALE: 1" = 400'  
 MINIMUM DEGREE OF ACCURACY: 1 IN 200  
 PROVEN SOURCE OF ELEVATION: DGPS SURVEY 06/07/01  
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. LOSH, P.S. #674

PLACEMENT SEAL HERE

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: JUNE 11, 2001  
 OPERATORS WELL NO.: 11921 (W. SAYRE #1)  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 STATE COUNTY PERMIT 47 - 033 - 04338

LOCATION: ELEVATION 1106.25' WATERSHED WEST FORK RIVER  
 DISTRICT UNION COUNTY HARRISON  
 QUADRANGLE WEST MILFORD LEASE NUMBER \_\_\_\_\_

SURFACE OWNER HARRY L. GREATHOUSE ESTATE ACREAGE 62.00  
 OIL & GAS ROYALTY OWNER FLOYD & WINIFRED SAYRE, LTD. LEASE ACREAGE 84.00

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

TARGET FORMATION BENSON ESTIMATED DEPTH 4530'  
 PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_

WELL OPERATOR DOMINION APPALACHIAN DEVELOPMENT, INC. DESIGNATED AGENT RODNEY BIGGS  
 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378

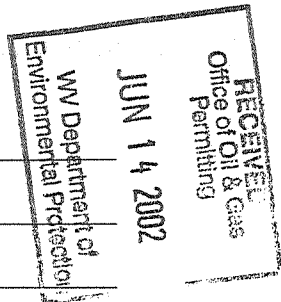
6-6 151 JUN 22 2001

COUNTY NAME HARRISON  
 PERMIT 4338

*Ac-13*

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

Well Operator's Report of Well Work



Farm name: Greathouse, Harry - Est Operator Well No.: Sayre #1 11921

LOCATION: Elevation: 1106.25' Quadrangle: West Milford

District: Union County: Harrison  
Latitude: 15,175 Feet South of 39 Deg. 15 Min. 00 Sec.  
Longitude 6,720 Feet West of 80 Deg. 22 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: 03/07/2002				
Date Well Work Commenced:				
Date Well Work Completed: 03/25/2002				
Verbal Plugging: N/A		See Original WR-35 for	existing casing	
Date Permission granted on: N/A				
Rotary Cable X Rig				
Total Depth (feet):				
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

Producing formation 5th Sand Pay zone depth (ft) 2350-2360'

Gas: Initial open flow - MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 133 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 12 Hours

Static rock Pressure 230 psig (surface pressure) after 12 Hours

\*Comingled with previous formations

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: 6/14/02

*Rodney J. Biggs*

*6/14/02*

*NR*

JUN 21 2002

HAR 4338F

COMPANY/WELL NO.:

SAYRE #1 11921

03/25/02

PERFED AND FRACED AS FOLLOWS:

5TH SAND, 2350 - 2360', 20 HOLES, BD 1515#, AVG RATE

10 BPM, AVG PRESS 2800#, 231 BBLs, TOT

SAND 20,000#, ISIP 1730#

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

Reviewed RD

Well Operator's Report of Well Work

Farm name: Greathouse, Harry -Est Operator Well No.: Sayre #1 (11921)

LOCATION: Elevation: 1106.25' Quadrangle: West Milford

District: Union County: Harrison  
Latitude: 15,175' Feet South of 39 Deg. 15 Min. 00 Sec.  
Longitude 6,720 Feet West of 80 Deg. 22 Min. 30 Sec.

Company: Dominion Exploration & Production, Inc.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>PO Box 1248, Jane Lew, WV 26378</u>				
<u>Agent: Rodney J. Biggs</u>				
<u>Inspector: Tim Bennett</u>				
<u>Date Permit Issued: 6/21/2001</u>				
<u>Date Well Work Commenced: 08/02/2001</u>	<u>9 5/8"</u>	<u>30'</u>	<u>30'</u>	<u>Sand In</u>
<u>Date Well Work Completed: 08/14/2001</u>				
<u>Verbal Plugging: N/A</u>	<u>7"</u>	<u>1063'</u>	<u>1063'</u>	<u>145 sks</u>
<u>Date Permission granted on: N/A</u>				
<u>Rotary X Cable Rig</u>	<u>4 1/2"</u>	<u>4504'</u>	<u>4504'</u>	<u>315 sks</u>
<u>Total Depth (feet): 4533'</u>				
<u>Fresh Water Depth (ft.): 174', 1084'</u>				
<u>Salt Water Depth (ft.): N/A</u>				

Is coal being mined in area (N/Y)? N  
Coal Depths (ft.): 429-431', 435-438',  
689-696', 855-861'

RECEIVED  
Office of Oil & Gas  
Permitting  
AUG 27 2001  
WV Department of  
Environmental Protection

OPEN FLOW DATA

Benson 4202-4391'  
Producing formation Balltown Pay zone depth (ft) 3034-3271'  
Gas: Initial open flow 21 MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 301 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 12 Hours  
Static rock Pressure 650 psig (surface pressure) after 12 Hours

Fourth Sand 2228-2273'  
Second producing formation Thirty Foot Pay zone depth (ft) 1915-2014'  
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: RD Biggs  
Date: 8/23/01

AUG 31 2001

HAR 4338

COMPANY/WELL NO.: DEPI SAYRE #1 11921

08/14/01 Frac and perforate as follows:

08/21/2001

BENSON - Perforated 08/13/01 from 4202-4391 w/20 holes. Frac 08/14/01, Breakdown 2507 psig, ISIP 1682, 25033 lbs 20/40 sand, 366 bbls Viking 20 X-link gel, Avg Rate 19.1, Avg Press 1776 psig, ISIP END 1665 psig.  
BALLTOWN - Perf from 3034-3271 w/16 holes. 750 gallons 15% acid, Breakdown 1172 psig, ISIP 1184, 25010 lbs 20/40 sand, 337 bbls Viking 20 X-link gel, Avg Rate 19.0, Avg Press 1768 psig, ISIP END 1202 psig.  
FOURTH SAND - Perf from 2228-2273 w/20 holes. 500 gallons 15% acid, Breakdown 2687 psig, ISIP 1736#, 29887 lbs 20/40 sand, 332 bbls Viking 20 X-link gel, Avg Rate 18.9, Avg Press 2125 psig, ISIP END 1697 psig.  
THIRTY FOOT - Perf from 1915-2014 w/18 holes. 750 gallons 15% acid, Breakdown 2962 psig, ISIP 1693#, 27764 lbs 20/40 sand, 296 bbls, Viking 20 X-link gel, Avg Rate 18.2, Avg Press 2623 psig, ISIP END 1822 psig.

Formation Tops

Big Lime	1415	1518
Big Injun	1530	1560
50 Foot	1924	1986
30 Foot	2017	2070
Gordon	2107	2748
5th Sand	2336	2360
Speechley	2990	3065
Balltown	3180	3300
Bradford	3750	3775
Benson	4387	4430
LTD		4532'