

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

RECEIVED  
Office of Oil and Gas

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

MAY 24 2016

WV Department of Environmental Protection

Farm name: Amma Groves Operator Well No.: Amma Groves #1

LOCATION: Elevation: 760 Quadrangle: Chloe  
District: Washington County: Calhoun  
Latitude: see attached Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude: \_\_\_\_\_ Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Well Type: OIL \_\_\_\_\_ GAS x

Company Reserve Oil & Gas, Inc. Coal Operator \_\_\_\_\_  
929 Charleston Road or Owner \_\_\_\_\_  
Spencer, WV 25276  
Agent Doug Douglass Coal Operator \_\_\_\_\_  
Permit Issued Date 12/28/2015 or Owner \_\_\_\_\_

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Roane ss:

Joe Somerville and Ed Burrows II being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 24 day of March, 2016 and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
<u>24 sks - class A1</u>	<u>1869'</u>	<u>1080'</u>	<u>66 rods - 1650' out</u>	
<u>14 sks - class A1</u>	<u>1760'</u>	<u>1200'</u>	<u>56 - 1 1/2 tubing out (1860')</u>	
<u>7 sks - class A1</u>	<u>1040'</u>	<u>700'</u>	<u>33 sks - 3" pipe out (1006')</u>	
<u>600 lbs - gel plug</u>	<u>700'</u>	<u>200'</u>	<u>left - 864' - 3" in well</u>	
<u>86 sks class A1</u>	<u>200'</u>	<u>surface'</u>	<u>40 sks - 5/2 casing out - (880')</u>	<u>left - 990' 5/2 in well</u>

Description of monument: 5/2 casing w/ Api # welded on it and that the work of plugging and filling said well was completed on the 1 day of April, 2016

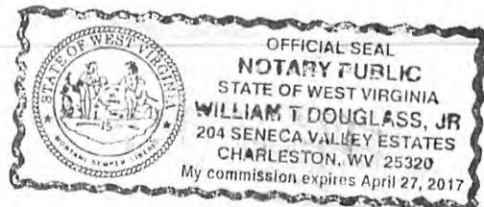
And further deponents saith not.

Joe Somerville  
Ed Burrows II

Sworn and subscribe before me this 13th day of May, 2016

My commission expires: April 27, 2017  
William T. Douglass, Jr.  
Notary Public

Affidavit reviewed by the Office of Oil and Gas: \_\_\_\_\_ Title: \_\_\_\_\_



11/04/2016

1303369P

4,900'

LATITUDE

38°45'00"

TOPO  
LOC.

100'

LONGITUDE  
81°05'00"

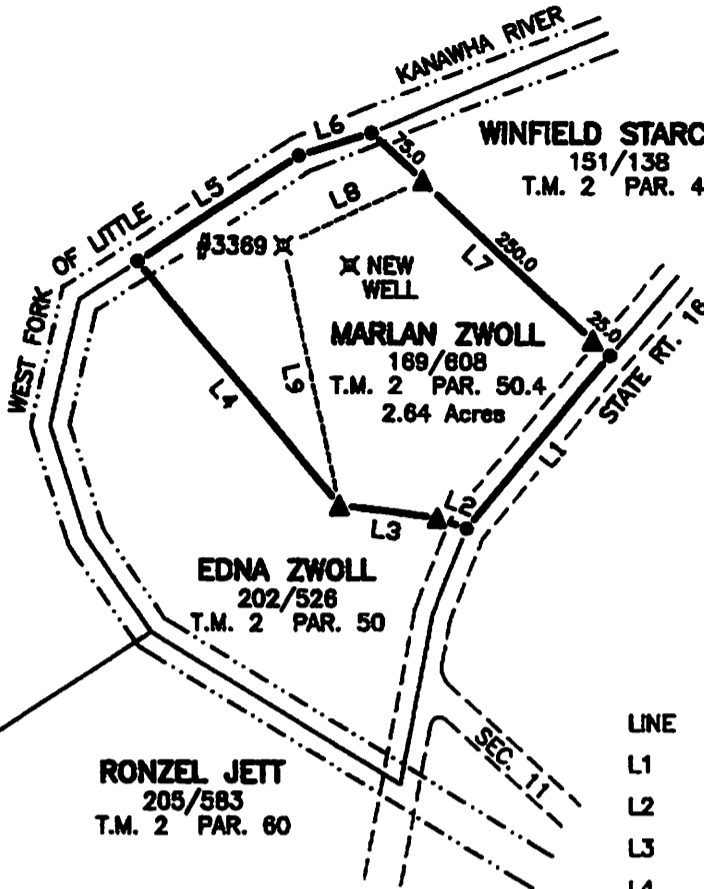
DAVID CONLEY  
79/321  
T.M. 2 PAR. 48

WINFIELD STARCHER  
151/138  
T.M. 2 PAR. 49

MARLAN ZWOLL  
189/808  
T.M. 2 PAR. 50.4  
2.64 Acres

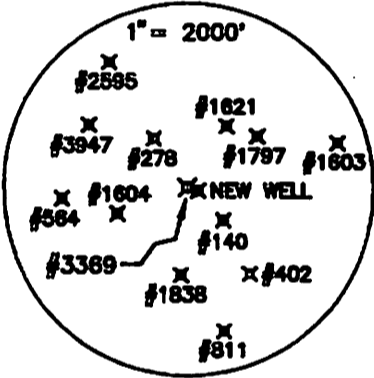
EDNA ZWOLL  
202/528  
T.M. 2 PAR. 50

RONZEL JETT  
205/583  
T.M. 2 PAR. 60



LINE	BEARING	DISTANCE
L1	S 39°24' W	241.08
L2	N 69°48' W	33.94
L3	N 83°02' W	108.77
L4	N 39°58' W	341.45
L5	N 57°13' E	205.74
L6	N 72°41' E	82.47
L7	S 47°36' E	350.00 (TOTAL)
(BOUNDARY TIE TO WELL)		
L8	S 65°45' W	165.05
L9	N 12°40' W	286.26

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

FILE NO. \_\_\_\_\_  
 DRAWING NO. 03-408-1  
 SCALE 1" = 200'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200  
 PROVEN SOURCE OF ELEVATION AT RT. 16 BRIDGE  
OVER WEST FORK IN ORMA  
ELEV= 767

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) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ L.L.S. 851

LEGEND  
 ▲ IRON ROD FOUND  
 ● CALCULATED POINT

RICHARD J. PRINE  
 LICENSED  
 NO. 851  
 STATE OF  
 WEST VIRGINIA  
 LAND SURVEYOR  
 PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 Division of Environmental Protection  
 OFFICE OF OIL AND GAS

DATE 12-31, 20 03  
 OPERATOR'S WELL NO. #1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
47 - 013 - 3369-PLUG  
 STATE COUNTY PERMIT

LOCATION: ELEVATION 760 WATER SHED WEST FORK OF LITTLE KANAWHA RIVER  
 DISTRICT WASHINGTON COUNTY CALHOUN  
 QUADRANGLE CHLOE 7.5

SURFACE OWNER MARLAN ZWOLL ACREAGE 20  
 OIL & GAS ROYALTY OWNER A. D. GROVES LEASE ACREAGE 20  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL \_\_\_\_\_ 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 THRU BIG INJUN ESTIMATED DEPTH 2,100'  
 WELL OPERATOR RESERVE OIL & GAS DESIGNATED AGENT J. SCOTT FRESHWATER  
 ADDRESS 929 CHARLESTON ROAD ADDRESS 929 CHARLESTON ROAD  
SPENCER, WV 25276 SPENCER, WV 25276

11/04/2016

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-013-3369 WELL NO.: A.D. Groves #1

FARM NAME: Amma Groves

RESPONSIBLE PARTY NAME: Reserve Oil & Gas, Inc.

COUNTY: Calhoun DISTRICT: Washington

QUADRANGLE: Chloe

SURFACE OWNER: Marlan Zwoll

ROYALTY OWNER: Marlan Zwoll

UTM GPS NORTHING: 428901 7.0

UTM GPS EASTING: 491277 GPS ELEVATION: 760

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

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Office of Oil & Gas

NOV 19 2015

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.

2. Accuracy to Datum – 3.05 meters

3. Data Collection Method:

Survey grade GPS \_\_\_\_: Post Processed Differential \_\_\_\_

Real-Time Differential \_\_\_\_

Mapping Grade GPS \_\_\_\_: Post Processed Differential \_\_\_\_

Real-Time Differential \_\_\_\_

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

Loy Doyless  
Signature

Land Manager  
Title

10/27/15  
Date