



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Friday, June 8, 2018
WELL WORK PLUGGING PERMIT
Vertical Plugging

MOSES T/L, LLC
PO BOX 111

SAINT ALBANS, WV 25177

Re: Permit approval for JIM LOVE 1
47-039-02801-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

A blue ink signature of James A. Martin, written in a cursive style.

Operator's Well Number: JIM LOVE 1
Farm Name: LOVE, JIM LAND CO.
U.S. WELL NUMBER: 47-039-02801-00-00
Vertical Plugging
Date Issued: 6/8/2018

Promoting a healthy environment.

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

1) Date _____, 20____
2) Operator's
Well No. Jim Love #1
3) API Well No. 47-39 - 02801

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ____ / Gas X / Liquid injection ____ / Waste disposal ____ /
(If "Gas, Production X or Underground storage ____) Deep ____ / Shallow ____

5) Location: Elevation 584 Watershed Kanawha River
District Jefferson County Kanawha Quadrangle St. Albans

6) Well Operator Moses T/L, LLC 7) Designated Agent Stephen Craig
Address 1433 MacCorkle Ave. PO Box 111 Address 1433 MacCorkle Ave. PO Box 111
St. Albans, WV 25177 St. Albans, WV 25177

8) Oil and Gas Inspector to be notified Name Terry Urban
Address P.O. Box 1207
Clendenin, WV 25405
9) Plugging Contractor Name Contractor Services Inc. of WV
Address 929 Charleston Road
Spencer, WV 25276

10) Work Order: The work order for the manner of plugging this well is as follows:
See attached.

Operator will cover all parts & costs & cuts

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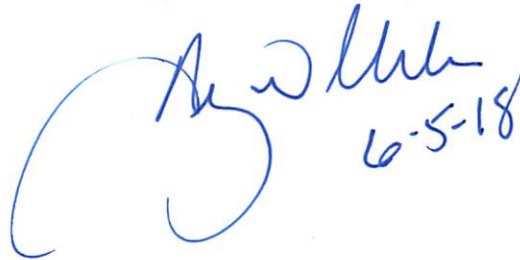
Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector *Terry Urban* Date 6-5-18

Well Plugging Procedures for
Love Land Company Well
API #039-02801

1. TIH w/ 2 3/8" tubing and set bottom hole plug from 3850' -3350' covering payzone. Trip out.
2. Run in hole w/ wire line, tag cement, bond long 4 1/2"
3. Est. top of cement at 2700'
4. TIH and set cement plug from 3350'-2650' (700'). Trip out.
5. Run in hole w/wire line and shoot off 4 1/2" (est. 2700')
6. Pull 4 1/2"
7. TIH w 2 3/8" cement string and set cement plug from 2650' -2050' (600'). Trip out.
8. TIH and tag cement; set plug from 2050'-1400' (650'). Trip out.
9. Run bond log on 7"; shoot pipe where free and pull.
10. If 7" can't be pulled, perforating according to DEP Regulations.
11. Solid cement to surface.
12. Set monument, move off, reclaim.

Will cover All ~~perforations~~
perfs & cows


6-5-18

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY *State of West Virginia*

DEPARTMENT OF ENERGY
Oil and Gas Division

Date August 15, 1987
Operator's
Well No. Jim Love #1
Farm Love Land Co.
API No. 47 - 039 - 2801DD

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production ___ / Underground Storage ___ / Deep ___ / Shallow ___ /)

LOCATION: Elevation: 584.14 Watershed Kanawha River
District: Jefferson County Kanawha Quadrangle St. Albans 7.5'

COMPANY Jim Love Land Company

ADDRESS 205 Fifth St., St. Albans, WV 25177

DESIGNATED AGENT Roy White

ADDRESS 204 Fifth Ave., St. Albans, WV 25177

SURFACE OWNER Same

ADDRESS _____

MINERAL RIGHTS OWNER Same

ADDRESS _____

OIL AND GAS INSPECTOR FOR THIS WORK
Carlos Hively ADDRESS 223 Pinch Ridge Rd. Elkview, WV 25071

PERMIT ISSUED 04-16-87

DRILLING COMMENCED 06-24-87

DRILLING COMPLETED 06-27-87

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

| Casing & Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. |
|------------------|------------------|--------------|------------------------|
| Size 20-16 Cond. | | | |
| 13-10" | 56' | 56' | Surf. |
| 9 5/8 | | | |
| 8 5/8 | 495' | 495' | 75 Sks. |
| 7 | 1,375' | 1,375' | 100 Sks. |
| 5 1/2 | | | |
| 4 1/2 | 3,828' | 3,828' | 100 Sks. |
| 3 | | | |
| 2 | | | |
| Liners used | | | |

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 3,850 feet

Depth of completed well 3,850 feet Rotary X / Cable Tools _____

Water strata depth: Fresh N/A feet; Salt N/A feet

Coal seam depths: N/A Is coal being mined in the area? _____

OPEN FLOW DATA

Producing formation Berea/Shale Pay zone depth 2030 - 2040 / 3523 - 3684 feet

Gas: Initial open flow 35 Mcf/d Oil: Initial open flow N/A Bbl/d

Final open flow 150 Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure 700 psig (surface measurement) after 72 hours shut in

(If applicable due to multiple completion--)

Second producing formation _____ Pay zone depth _____ feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

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DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

SHALE - Perf. 3526, 3547, 3594, 3644, 3529, 3566, 3596, 3646, 3531, 3568,
3626, 3663, 3543, 3580, 3628, 3666, 3545, 3582, 3630

Frac. w/ 1,500 MCF Nitrogen @ 65,000 SCF/MIN , ATP - 2742 PSI
ISIP - 1330 PSI, 15 MIN SI - 1240 PSI

BEREA - Perf. 2032 - 2040 w/ 8 Holes

Frac. w/ 75% Q FOAM, 40,000# 20/40 SAND, ATP - 2352 PSI,
ISIP - 2036 PSI, 15 MIN SI - 1936 PSI, 389 MCF Nitrogen

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS |
|--------------|-------|--------------|----------|-------------|---|
| | | | | | Including indication of all fresh and salt water, coal, oil and gas |
| Lime | | | 1,504 | 1,538 | <p style="text-align: center;">RECEIVED AUG 20 1987</p> <p style="text-align: center;">DIVISION OF OIL & GAS DEPARTMENT OF ENERGY</p> <p>11/10 With H₂O Thru 2" at T.D.</p> |
| Injun | | | 1,538 | 1,560 | |
| Weir | | | 1,560 | 1,700 | |
| Shale | | | 1,700 | 1,750 | |
| Sand/Shale | | | 1,750 | 2,014 | |
| Coffee Shale | | | 2,014 | 2,033 | |
| Berea | | | 2,033 | 2,051 | |
| Sandy Shale | | | 2,051 | 3,224 | |
| Brown Shale | | | 3,224 | 3,850 | |

(Attach separate sheets as necessary)

Jim Love Land Company
Well Operator

By: [Signature] III JUN 05 2018
Date: 8/19/87

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Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including ..., encountered in the drilling of a well."

39-02801P



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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

Date 4-13-87
Operator's
Well No. Jim Love #1
Farm Love Land Co.
API No. 47 - 039 - 2801

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production X / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 584.14 Watershed Kanawha River
District: Jefferson County Kanawha Quadrangle St. Albans 7.5'

COMPANY Jim Love Land Company
ADDRESS 205 Fifth St., St. Albans, WV 25177
DESIGNATED AGENT Roy White
ADDRESS 204 5th Avenue, St. Albans, WV 25177
SURFACE OWNER Same
ADDRESS
MINERAL RIGHTS OWNER Same
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK
223 Finch Ridge Rd.
Carlos Hively ADDRESS Elkview, WV 25071
PERMIT ISSUED 7-27-77
DRILLING COMMENCED 3-15-78
DRILLING COMPLETED 4-10-78
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

| Casing Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. |
|------------------------|---------------------|-----------------|------------------------------|
| Size 20-16 Cord. | | | |
| 13-10" | 56' | 56' | Surf. |
| 9 5/8 | | | |
| 8 5/8 | 495' | 495' | 75 SKS. |
| 7 | 1,375' | 1,375' | 100 SKS. |
| 5 1/2 | | | |
| 4 1/2 | | | |
| 3 | | | |
| 2 | | | |
| Liners used | | | |

GEOLOGICAL TARGET FORMATION Big Lime Depth 1,510 feet
Depth of completed well 1,503 feet Rotary / Cable Tools X
Water strata depth: Fresh 95 feet; Salt 970 feet
Coal seam depths: 331' - 337' Is coal being mined in the area? NO

OPEN FLOW DATA

Producing formation Big Lime Pay zone depth 1,375 feet
Gas: Initial open flow None Taken Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow None Taken Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure 200 psig (surface measurement) after 12 hours
(If applicable due to multiple completion--)
Second producing formation N/A Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

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DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS Including indication of all fresh and salt water, coal, oil and gas |
|----------------|-------|--------------|----------|-------------|--|
| Soil | | | 0 | 20 | |
| Sand & Gravel | | | 20 | 50 | |
| Sand | | | 50 | 140 | |
| Slate (Brown) | | | 140 | 165 | |
| Sand | | | 165 | 260 | |
| Slate (Grey) | | | 260 | 285 | |
| Sand | | | 285 | 331 | |
| Coal | | | 331 | 337 | |
| Broken Sand | | | 337 | 425 | |
| Sand | | | 425 | 485 | |
| Slate & Shells | | | 485 | 496 | |
| Sand | | | 496 | 560 | |
| Slate | | | 560 | 595 | |
| Sand | | | 595 | 665 | |
| Slate & Shells | | | 665 | 796 | |
| Sand | | | 796 | 903 | |
| Slate & Shells | | | 903 | 910 | |
| Sand | | | 910 | 1,322 | Saltwater 970' |
| Little Lime | | | 1,322 | 1,353 | |
| Slate | | | 1,353 | 1,355 | |
| Lime | | | 1,355 | 1,361 | |
| Pencil | | | 1,361 | 1,363 | |
| Big Lime | | | 1,363 | 1,503 T.D. | |

(Attach separate sheets as necessary)

Jim Love Land Company

Well Operator

WV Co. President

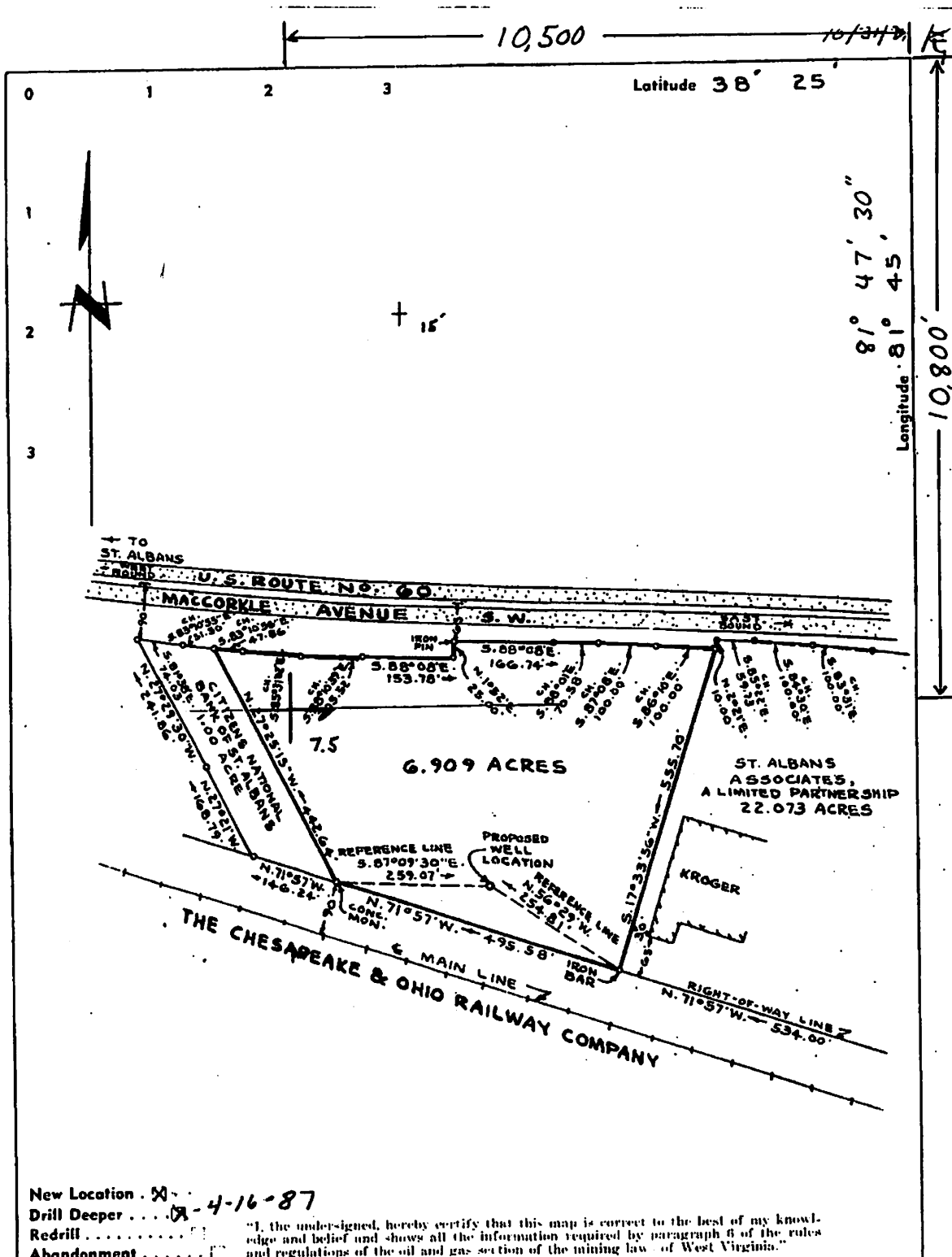
Date: 4-13-87

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WV Department of
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Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



New Location *4-16-87*
 Drill Deeper
 Redrill
 Abandonment

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining law of West Virginia."

Company **JIM LOVE LAND COMPANY**
 Address **205 FIFTH STREET, ST. ALBANS**
 Farm **JIM LOVE LAND COMPANY**
 Tract Acres **6.909** Lease No. _____
 Well (Farm) No. _____ Serial No. _____
 Elevation (Spirit Level) **584.14**
 Quadrangle **ST. ALBANS 15' Alum Ck 7.5**
 County **KANAWHA** District **JEFFERSON**
 Engineer **Harold W. Field**
 Engineer's Registration No. **W. VA. No. 651**
 File No. _____ Drawing No. _____
 OCTOBER 25, 1972 scale 1"=200'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

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WELL LOCATION MAP
 FILE NO. **KAN-2801 - D-2**

WV Department of Environmental Protection

Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

Denotes one inch spaces on border line of original tracing.

47-039

WW-4A
Revised 6-07

1) Date: _____
2) Operator's Well Number
Jim Love #1
3) API Well No.: 47 - 39 - 2801

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

| | |
|--|------------------------------------|
| 4) Surface Owner(s) to be served: | 5) (a) Coal Operator |
| (a) Name <u>Moses T/L, LLC</u> | Name _____ |
| Address <u>1433 MacCorkle Ave.</u> | Address _____ |
| <u>P.O. Box 111 St. Albans, WV 25177</u> | _____ |
| (b) Name _____ | (b) Coal Owner(s) with Declaration |
| Address _____ | Name _____ |
| _____ | Address _____ |
| (c) Name _____ | Name _____ |
| Address _____ | Address _____ |
| _____ | _____ |
| 6) Inspector <u>Terry Urban</u> | (c) Coal Lessee with Declaration |
| Address <u>P.O. Box 1207</u> | Name _____ |
| <u>Clendenin, WV 25405</u> | Address _____ |
| Telephone <u>304-549-5915</u> | _____ |

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

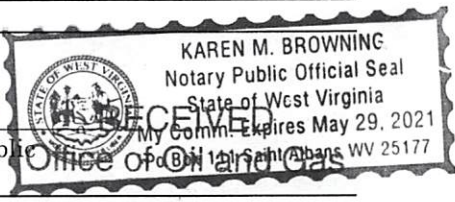
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator Moses T/L, LLC
 By: _____ Stephen Craig
 Its: Controller
 Address 1433 MacCorkle Ave. P.O. Box 111
St. Albans, WV 25177
 Telephone 304-722-7069

Subscribed and sworn before me this 5 day of June, 2018

 My Commission Expires May 29, 2021



Oil and Gas Privacy Notice

JUN 05 2018

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyoffier@wv.gov.

SURFACE OWNER WAIVER

Operator's Well
Number

Jim Love #1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of the Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION,
WV Department of
Environmental Protection

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| | | | | | |
|-----------|------|-----|------|-----------------|------|
| | Date | | Name | Moses T/L, LLC | |
| Signature | | By | | <i>Jim Love</i> | |
| | | Its | | Controller | Date |

Signature Date

39-02801A

WW-4B

API No. 47-39-2801
Farm Name Jim Love Land Co.
Well No. Jim Love #1

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator ____/ owner ____/ lessee ____/ of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

*No known operator, owner,
or lessee of workable
coal bed/seam on this tract*

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WV Department of
Environmental Protection

WW-9
(5/16)

API Number 47 - 39 - 02801 P
Operator's Well No. Jim Love #1

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Moses T/L, LLC OP Code _____

Watershed (HUC 10) Kanawha River Quadrangle St. Albans

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

*ANY WELL EFFLUENT WILL BE CONTAINED
IN TANKS AND DISPOSED OF PROPERLY.
gwm*

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes No If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature [Signature]

Company Official (Typed Name) Stephen Craig

Company Official Title Controller

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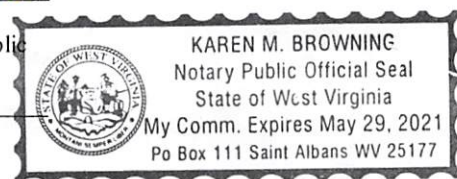
JUN 05 2018

WV Department of
Environmental Protection

Subscribed and sworn before me this 5 day of June, 20 18

[Signature] Notary Public

My commission expires May 29, 2021



39-02801P

Form WW-9

Operator's Well No. Jim Love #1

Proposed Revegetation Treatment: Acres Disturbed _____ Prevegetation pH _____

Lime _____ Tons/acre or to correct to pH _____

Fertilizer type _____

Fertilizer amount _____ lbs/acre

Mulch _____ Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

| Temporary | | Permanent | |
|-----------|----------|-----------|----------|
| Seed Type | lbs/acre | Seed Type | lbs/acre |
| | | | |
| | | | |
| | | | |

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: 

Comments: Parking Lot behind auto dealership. No Revegetation necessary.

RECEIVED
Office of Oil and Gas

JUN 05 2018

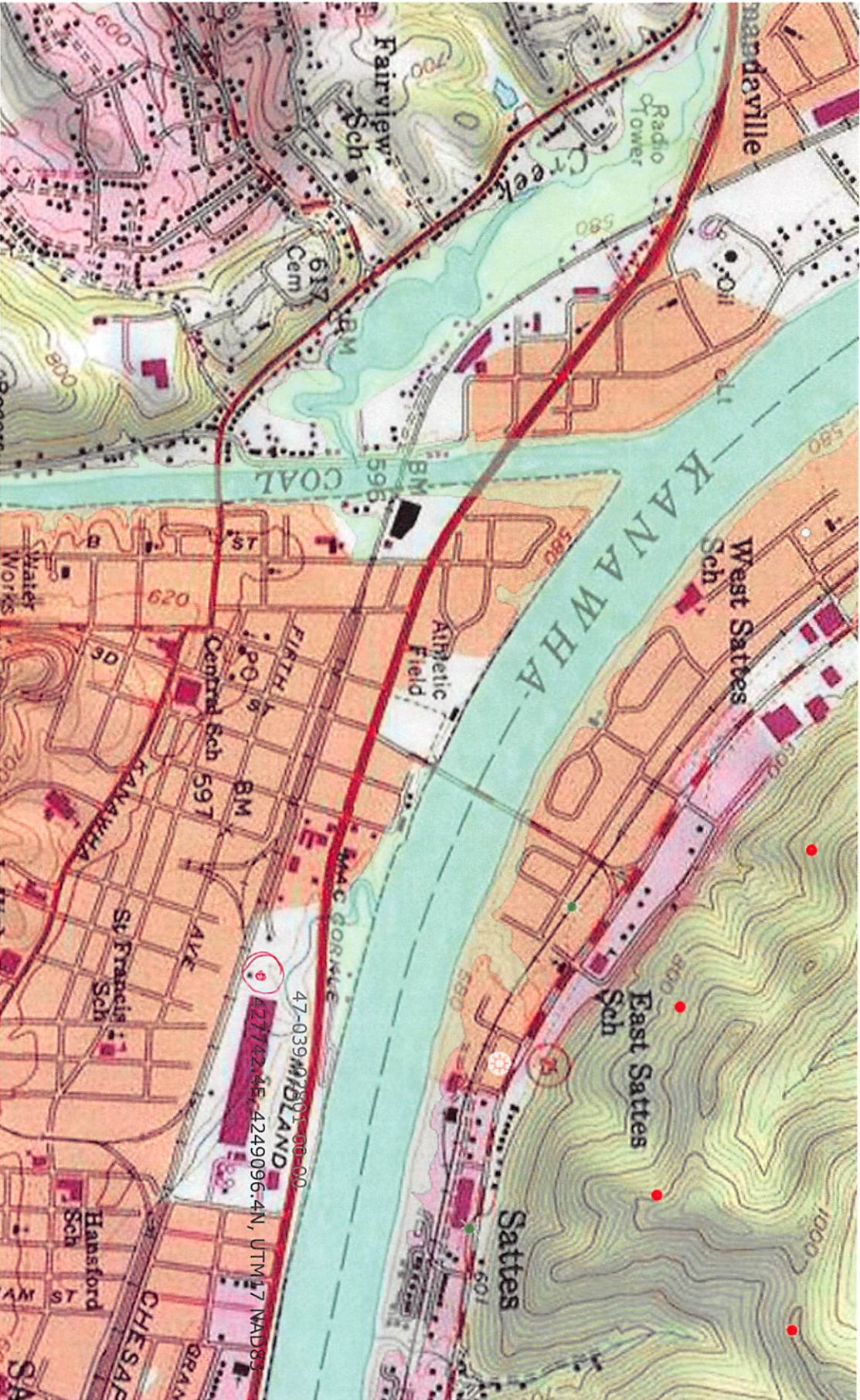
WV Department of
Environmental Protection

Title: Land Manager/ Conserv

Date: 6-5-18

Field Reviewed? () Yes () No





39-02801P

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-39-2801 WELL NO.: Jim Love #1

FARM NAME: Jim Love Land Company

RESPONSIBLE PARTY NAME: Moses T/L, LLC

COUNTY: Kanawha DISTRICT: Jefferson

QUADRANGLE: St. Albans

SURFACE OWNER: Moses T/L, LLC

ROYALTY OWNER: Moses T/L, LLC

UTM GPS NORTHING: 4249096.4

UTM GPS EASTING: 427742.4 GPS ELEVATION: 584.14

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:

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.

Ray Ogden
Signature

Land Manager/ Conserv
Title

06/05/2018
Date

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WV Department of
Environmental Protection