west virginia department of environmental protection

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

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

August 21, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-9500723, issued to VAN CAMP, DON, 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 all 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. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalities being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: 1
Farm Name: VAN CAMP, DON
API Well Number: 47-9500723
Permit Type: Plugging
Date Issued: 08/21/2015

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.

9500723P

Ck # 18204
$100

WW-4B
Rev. 2/01

1) Date June 9, 2015
2) Operator's
Well No. James Van Camp #1
3) API Well No. 47- 095 - 00723

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 X

5) Location: Elevation ~~259.4'~~ 225.9 m CVM 7/30/15 Watershed Pleasant Creek
District Ellsworth County Tyler Quadrangle Paden City

6) Well Operator Don Van Camp
Address 12 Vancamp Rd.
New Martinsville, WV 26155

7) Designated Agent James Van Camp
Address 12 Vancamp Rd.
New Martinsville, WV 26155

8) Oil and Gas Inspector to be notified
Name Michael Goff
Address P.O. Box 134
Pullman, WV 26421

9) Plugging Contractor
Name Perkins Oil and Gas, Inc.
Address P.O. Box 547
Pennsboro, WV 26415

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

Pull 2000' of 1-1/2" Tubing

Plug No. 1 - Approx. 2301' - 1900' (Bottom Plug & Covers Weir and Berea Sands), rip and pull 4-1/2" at approx. 800'

Plug No. 2 - Approx. 906' - 806' (Covers 4-1/2" casing cut)

Plug No. 3 - Approx. 788' - 688' (For Elevation)

Plug No. 4 - Approx. 350' - 250' (For Fresh Water if necessary)

Plug No. 5 - Approx. 100' - Surface (Top Plug)

Erect Monument with API No. Tag

6% Gel between all cement plugs, Cement plugs are all Class A Portland cement

Received
Office of Oil & Gas
AUG 03 2015

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

Work order approved by inspector Michael Goff Date 7/14/15

9500723P

(Obverse)
(Rev. 6-81)

State of West Virginia
Department of Mines
Oil and Gas Division

Date 11/18/81
Operator's
Well No. 1
Farm Don VanCamp
API No. 47-095 - 0723

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

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

LOCATION: Elevation: 738 GL Watershed Pleasants Creek
District: Ellsworth County Tyler Quadrangle Paden City

COMPANY The Carter-Jones Lumber Company, GAS & OIL DIVISION
ADDRESS 601 Tallmadger Rd, Kent OH 44240
DESIGNATED AGENT Gary L Rymer, Attorney
ADDRESS Milldebourne WV
SURFACE OWNER Don Van Camp
ADDRESS Wheeling WV
MINERAL RIGHTS OWNER various
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK
Phil Tracey ADDRESS Alma WV
PERMIT ISSUED 6/23/79
DRILLING COMMENCED 7/25/79
DRILLING COMPLETED 8/17/79
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"	40		
9 5/8			
8 5/8	856	856	225 sxs
7			
5 1/2			
4 1/2	2331	2331	105sxs
3			
XX 1½		2000	
Liners used			

TYLER-0723

GEOLOGICAL TARGET FORMATION Gordon Depth 2620 feet
Depth of completed well 2301 feet Rotary xx / Cable Tools
Water strata depth: Fresh feet; Salt feet
Coal seam depths: none Is coal being mined in the area? no

OPEN FLOW DATA
Producing formation Berea-Weir co-mingled Pay zone depth Berea 2192-2198 Weir 1950-2050 feet
Gas: Initial open flow NA Mcf/d Oil: Initial open flow NA Bbl/d
Final open flow 100 Mcf/d Final open flow 2 Bbl/d
Time of open flow between initial and final tests 4 hours
[illegible] rock pressure 1000 [illegible] measurement) after 72 hours shut in
[illegible] Pay zone depth
[illegible] Initial open flow

FORM IV-35
(REVERSE)

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

Berea - 706 bbl wtr, 45,000# sand

Weir - 707 bbl wtr, 45,000# sand

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
sand & shale	0	856	no logs, no samples
shale	856	879	
sand	879	898	
shale	989	920	
sand	920	938	
shlae	938	989	
sand	989	1016	
shale interbedded w/sand	1016	1098	
sand	1098	1198	
shale	1198	1222	
sand	1222	1293	
shale	1293	1323	
sand w/shale breaks	1323	1470	
shale	1470	1497	
Big Lime	1497	1586	
Keener sand	1586	1645	
Big Injun	1645	1809	
shale	1809	2005	
Weir sand	2005	2097	
shale	2097	2187	
berea sand	2187	2193	
shale	2193	2438	
sand	2438	2445	
shale w/sand stringers	2445	TD	

(Attach separate sheets as necessary)

The Carter-Jones Lumber co. Gas & Oil Division
Well Operator

By: Gene C Daley
Gene C Daley, Vice President

Date: 04/20/82

9500723P

WW-4A
Revised 6-07

1) Date: 6/9/2015
2) Operator's Well Number
Van Camp #1

3) API Well No.: 47 - 095 - 00723

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served: Waiver ✓
(a) Name: James Van Camp et al
Address: 12 Van Camp Rd.
New Martinsville, WV 26155
(b) Name:
Address:
(c) Name:
Address:

5) (a) Coal Operator
Name: None
Address:
(b) Coal Owner(s) with Declaration
Name: None, No mineable coal
Address:
Name:
Address:
(c) Coal Lessee with Declaration
Name: None
Address:

6) Inspector: Michael Goff
Address: P.O. Box 134
Pullman, WV 26421
Telephone: 304-549-9823
MDG 7/14/15

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: Don Van Camp
By: James Van Camp James Van Camp
Its: Designated Agent
Address: 12 Van Camp Rd.
New Martinsville, WV 26155
Telephone:

Received
Office of Oil & Gas
JUL 03 2015

Subscribed and sworn before me this 22 day of July 2015
Notary Public Khristy Goddard
My Commission Expires 1-27-24

OFFICIAL SEAL
NOTARY PUBLIC, STATE OF WEST VIRGINIA
KHRISTY GODDARD
Peoples Bank
207 Main Street
New Martinsville, WV 26155
My Commission Expires January 27, 2024

Oil and Gas Privacy Notice

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.

9500723P

RECEIVED JUN 29 2015

SURFACE OWNER WAIVER

Operator's Well Number: James Van Camp #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 a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

Received
Office of Oil & Gas
AUG 03 2015

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.

James VanCamp — Date 6/26/2015
Signature

FOR EXECUTION BY A CORPORATION, ETC.

Name _____
By _____
Its _____ Date _____

Signature Date

9500723P

WW-9
(2/15)

API Number 47 - 095 - 00723
Operator's Well No. James Van Camp #1

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Don Van Camp OP Code 308692

Watershed (HUC 10) Pleasant Creek Quadrangle Paden City 7.5'

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 ☐

If so, please describe anticipated pit waste: Drill Water, Flowback, and Various Formation Cuttings

Will a synthetic liner be used in the pit? Yes ☑ No ☐ If so, what ml.? 20 MDG 7/14/15

Proposed Disposal Method For Treated Pit Wastes:

- ■ Land Application
- _____ 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: No

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. None

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Leave in Pit & Remove Offsite

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

-Landfill or offsite name/permit number? K&H #1 Disposal Facility (34-009-2-3821) Athens County, OH

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 August 1, 2005, 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 James Van Camp

Company Official (Typed Name) James Van Camp

Company Official Title Designated Agent

Subscribed and sworn before me this 22 day of July, 20 15

Kristy Goddard Notary Public

My commission expires 1-27-24

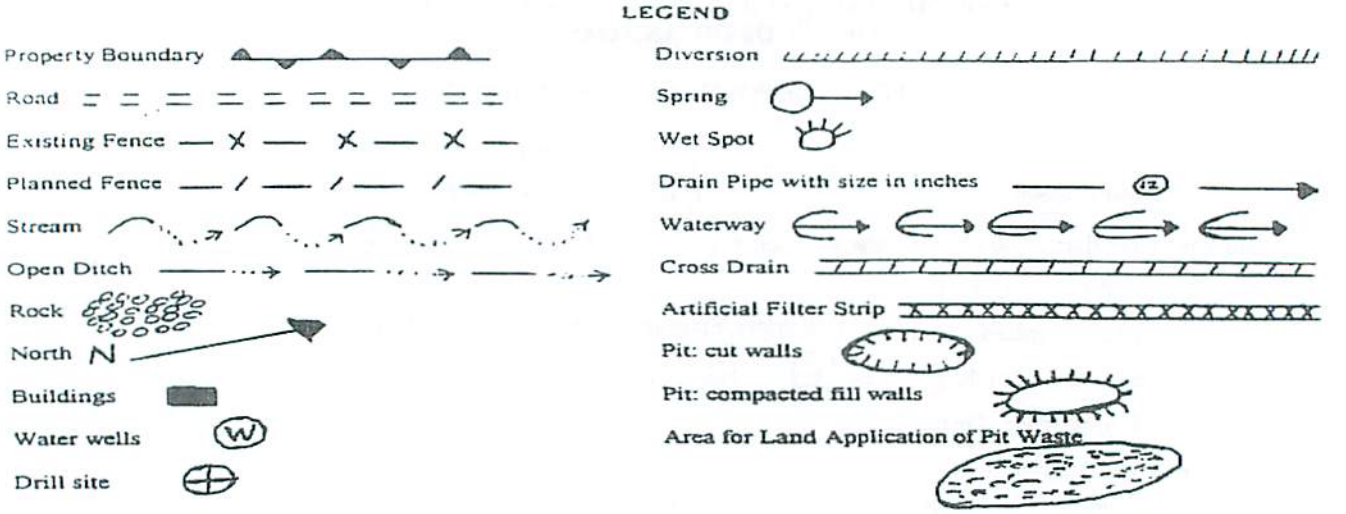
OFFICIAL SEAL
NOTARY PUBLIC, STATE OF WEST VIRGINIA
KHRISTY GODDARD
Peoples Bank
207 Main Street
New Martinsville, WV 26155
My Commission Expires January 27, 2024

9500723P

Form WW-9

Operator's Well No. JAMES VAN CAMP #1

LEGEND



Proposed Revegetation Treatment: Acres Disturbed _____ Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/3 TON lbs/acre (500 lbs minimum)

Mulch HAY 2 Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
KY-31	40	ORCHARD GRASS	15
ALSIKE CLOVER	5	ALSIKE CLOVER	5
ANNUAL RYE	15		

Attach:
Drawing(s) of road, location,pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Michael Daff

Comments: Preseed & Mulch any disturbed areas, E-n-s needs to be in place,

Title: Oil & Gas Inspector Date: 7/14/15

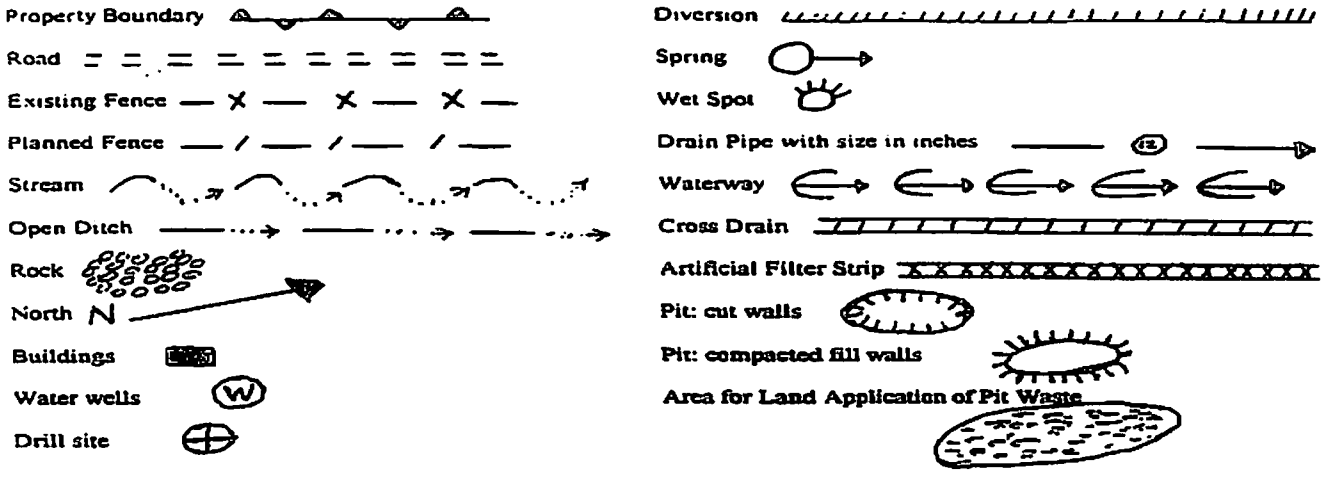
Field Reviewed? (_____) Yes (__✓__) No

4500723Y

Form WW-9

Operator's Well No. JAMES VAN CAMP #1

LEGEND



Proposed Revegetation Treatment: Acres Disturbed _____ Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/3 TON lbs/acre (500 lbs minimum)

Mulch HAY 2 Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
KY-31	40	ORCHARD GRASS	15
ALSIKE CLOVER	5	ALSIKE CLOVER	5
ANNUAL RYE	15		

Attach:
Drawing(s) of road, location,pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Michael Daff

Comments: Proceed & Mulch any disturbed areas. E-n-s needs to be in place.

Title: Oil & Gas Inspector Date: 7/14/15

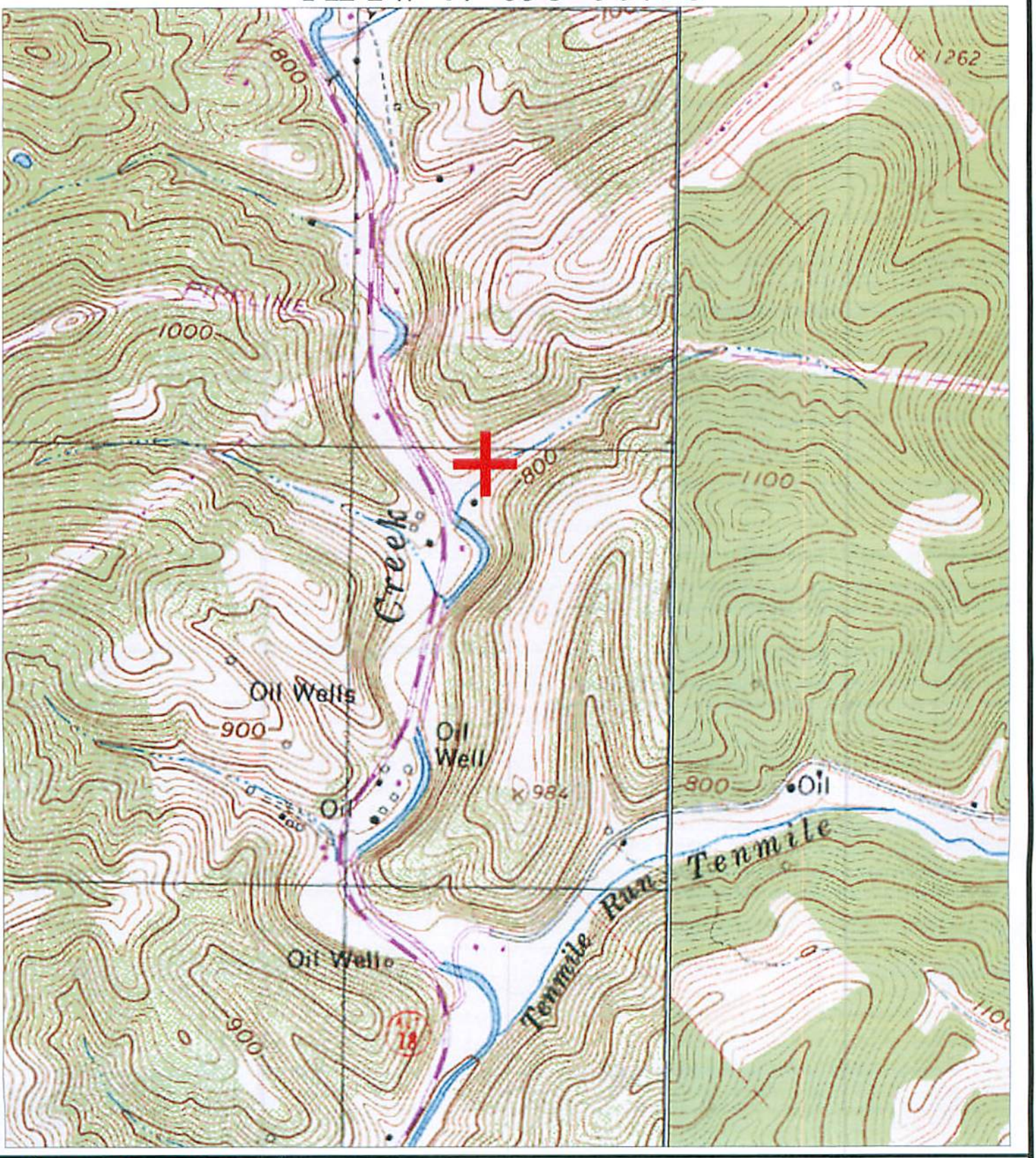
Field Reviewed? (_____) Yes (__✓__) No

9500723P

FORM WW-9

page of

VAN CAMP LEASE
API # 47-095-00723



Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING, INC
SLS
SURVEYORS
ENGINEERS
ENVIRONMENTAL
PROJECT MGMT.

TOPO SECTION OF: PADEN CITY 7.5'

FILE NO. 8315 DATE: 7/20/15 SCALE: 1"=1,000'

9500723P MAC
7/14/15

WW-7
8-30-06

West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-095-00723 WELL NO.: James VanCamp #1

FARM NAME: VanCamp

RESPONSIBLE PARTY NAME: James VanCamp

COUNTY: Tyler DISTRICT: Ellsworth

QUADRANGLE: Paden City 7.5'

SURFACE OWNER: James VanCamp et al

ROYALTY OWNER: T.B. Wakins Heirs

UTM GPS NORTHING: 4379175.3

UTM GPS EASTING: 510326.9 GPS ELEVATION: ~~259.4~~ 225.9 m CVRC 7/30/15

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 X: Post Processed Differential X

Real-Time Differential ____

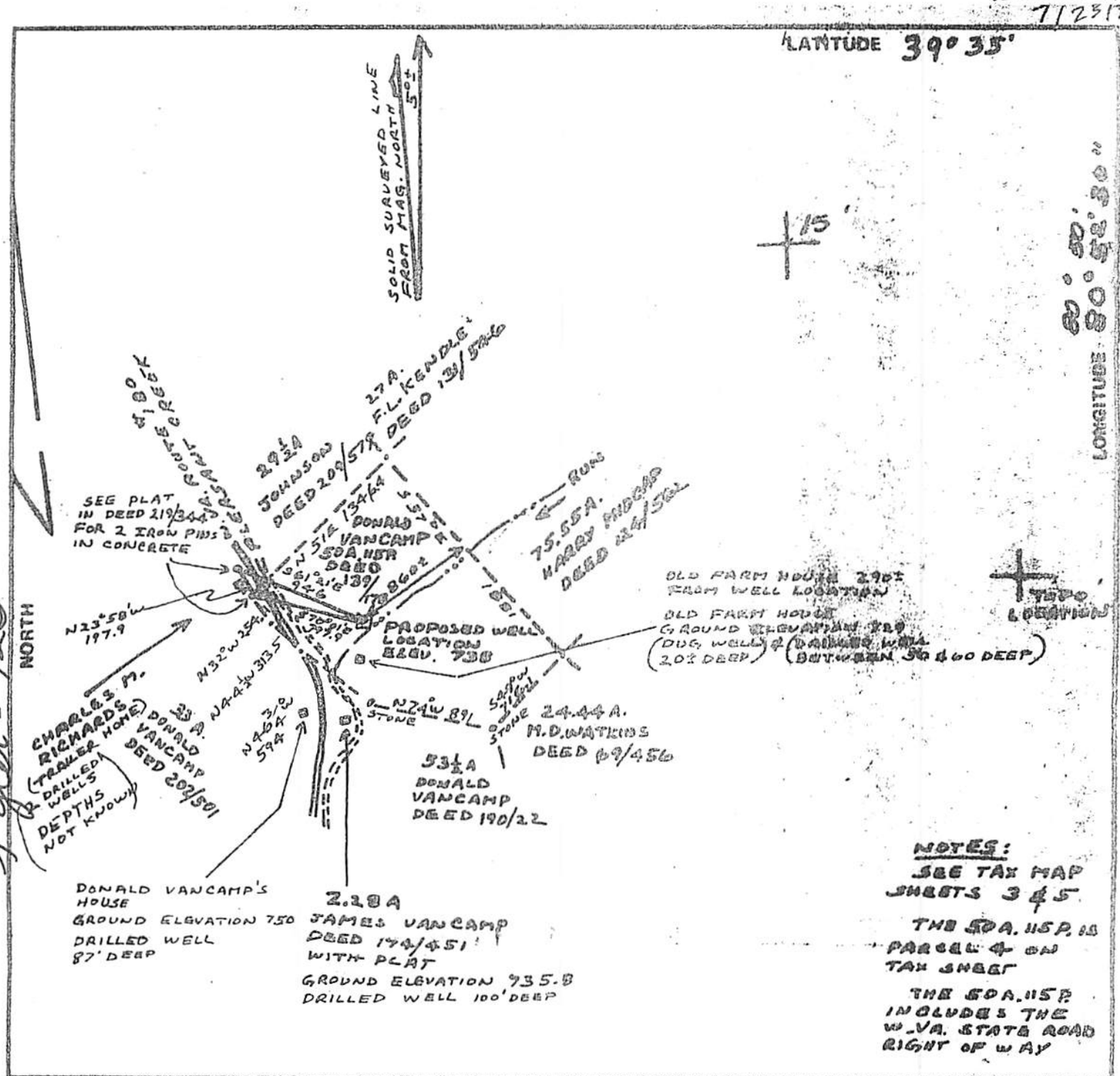
Received
Office of Oil & Gas
AUG 03 2015

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.

C. Victor Mayer — Signature
Senior Surveyor — Title
7/30/15 — Date

9500723P
7/23/79



FILE NO. 78-5278
DRAWING NO.
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 IN 2500
PROVEN SOURCE OF ELEVATION W.VA. STATE ROAD B.M. WITH ELEVATION OF 716.67 NEAR MOUTH OF TENMILE RUN

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 MINES.
(SIGNED) Henry M. Parsons
R.P.E. — L.L.S. No 98

HENRY M. PARSONS LICENSED No. 98 STATE OF WEST VIRGINIA LAND SURVEYOR
PLACE SEAL HERE

Received
Office of Oil & Gas
AUG

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

FORM IV-6
(8-78)

DATE JULY 18, 1979
OPERATOR'S WELL NO. Don VanCamp #1
API WELL NO.
47 - 095 - 0723
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL X GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 738 WATER SHED PLEASANT CREEK
DISTRICT ELLSWORTH COUNTY TYLER
QUADRANGLE PADEN CITY, NEW MARTINSVILLE 15
SURFACE OWNER DONALD VAN CAMP ET UX ACREAGE 50A. 115P.
OIL & GAS ROYALTY OWNER WATKINS HEIRS LEASE ACREAGE 390
LEASE NO. ___
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION GORDON ESTIMATED DEPTH 3300'
WELL OPERATOR THE CARTER-JONES LUMBER Co. DESIGNATED AGENT GARY L. RYMER
ADDRESS INDUSTRIAL DIVISION 601 TALLMADGE RD KENT, OHIO 44240 ADDRESS P.O. Box 336 Middlebourne WV

DEAD