



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

October 17, 2014

WELL WORK PERMIT

Re-Work

This permit, API Well Number: 47-8702817, issued to KRAKROW, INC., 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.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days 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.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-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) 926-0499 ext. 1654.



James Martin
Chief

Operator's Well No: 6
Farm Name: TALLMAN, A. D.
API Well Number: 47-8702817
Permit Type: Re-Work
Date Issued: 10/17/2014

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. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code §22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
2. Pursuant to 35 CSR 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
3. Pursuant to 35 CSR 4-19.1.c, if the operator is unable to sample and analyze any water well or spring with one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
5. 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.
6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours.
7. Well work activities shall not constitute a hazard to the safety of persons.
8. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.

WW - 2B
(Rev. 8/10)

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: KRAKROW, INC. 308143 ROANE REEDY REEDY
Operator ID County District Quadrangle

2) Operator's Well Number: A. D. TALLMAN #6 (API#87-2817) 3) Elevation: 992

4) Well Type: (a) Oil or Gas
 (b) If Gas: Production / Underground Storage _____
 Deep _____ / Shallow

5) Proposed Target Formation(s): BEREA Proposed Target Depth: 2565' - 2605'
 6) Proposed Total Depth: 2650 Feet Formation at Proposed Total Depth: BEREA
 7) Approximate fresh water strata depths: 1ST PITTSBURGH 704' - 794', 2ND PITTSBURGH 837' - 896'
 8) Approximate salt water depths: WATER 1457', SALT SAND 1920' - 2114'

9) Approximate coal seam depths: NONE REPORTED

10) Approximate void depths,(coal, Karst, other): NONE KNOWN

11) Does land contain coal seams tributary to active mine? NO

12) Describe proposed well work and fracturing methods in detail (attach additional sheets if needed)
REWORK: PULL EXISTING 5 1/2", CLEAN OUT WELL AND POCKET, RUN NEW 4 1/2" CASING AND CEMENT UP INTO EXISTING 7". STIMULATE WITH X-LINK-SAND OR FOAM SAND. IN THE EVENT WE ARE UNABLE TO PULL THE 5 1/2" WE WILL RUN 3 1/2" IN LIEU OF 4 1/2" CASING AND CEMENT UP INTO EXISTING 5 1/2" AND 6 5/8".

13) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE	INTERVALS	CEMENT
	Size	Grade	Weight per ft			
Conductor						
Fresh Water						
Coal						
Intermediate	6 5/8			2260' 4"	2260' 4"	EXISTING PRODUCTION
Production	4 1/2	J55	11.6#	2650'	2650'	135 CU. FT.
Tubing						
Liners						

Packers: Kind: _____
 Sizes: _____
 Depths Set _____

WV Department of
Environmental Protection

Well No. 6 *A. D. Zallman* Farm 104 of 124 Acres
 Lease No. 79687 *Ready* County *St. Val.* State
Hutch Oil Co Contractor *Hutch Oil Co*
 Drilling Commenced 11-2-1929 Drilling Completed 12-15-1929
 N. S. 35 E. W. 49 Elevation

Rock Formation	Top	Bottom	Steel Line Measurement	Remarks
1 st Pgh.	704	794		
Water	737			
2 nd Pgh.	837	846		
Little Sandstone	1177	1195		
Big Sandstone	1431	1304		
Water 2 Bails	1494			
Water 26 Bails	1457			
Water 18 Bails	1530			
Salt Sand	1970	2114		
Water	1975			
Sand	2122	2217		
Slat & shells	2217	2548		
Brown Slat	2548	2565		
Green	2565	2605	2565	
Gas	2567	2571		
Oil & Gas	2571	2605		
Best Oil Pay	2571	2598		
Blue Sand & Broken				
Water	2605	2610		Shot 3-22-30 15.20 c/cor ft.
Total Depth		2610		

Purchased from the Hutch Oil Co on 11-14-35

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT.

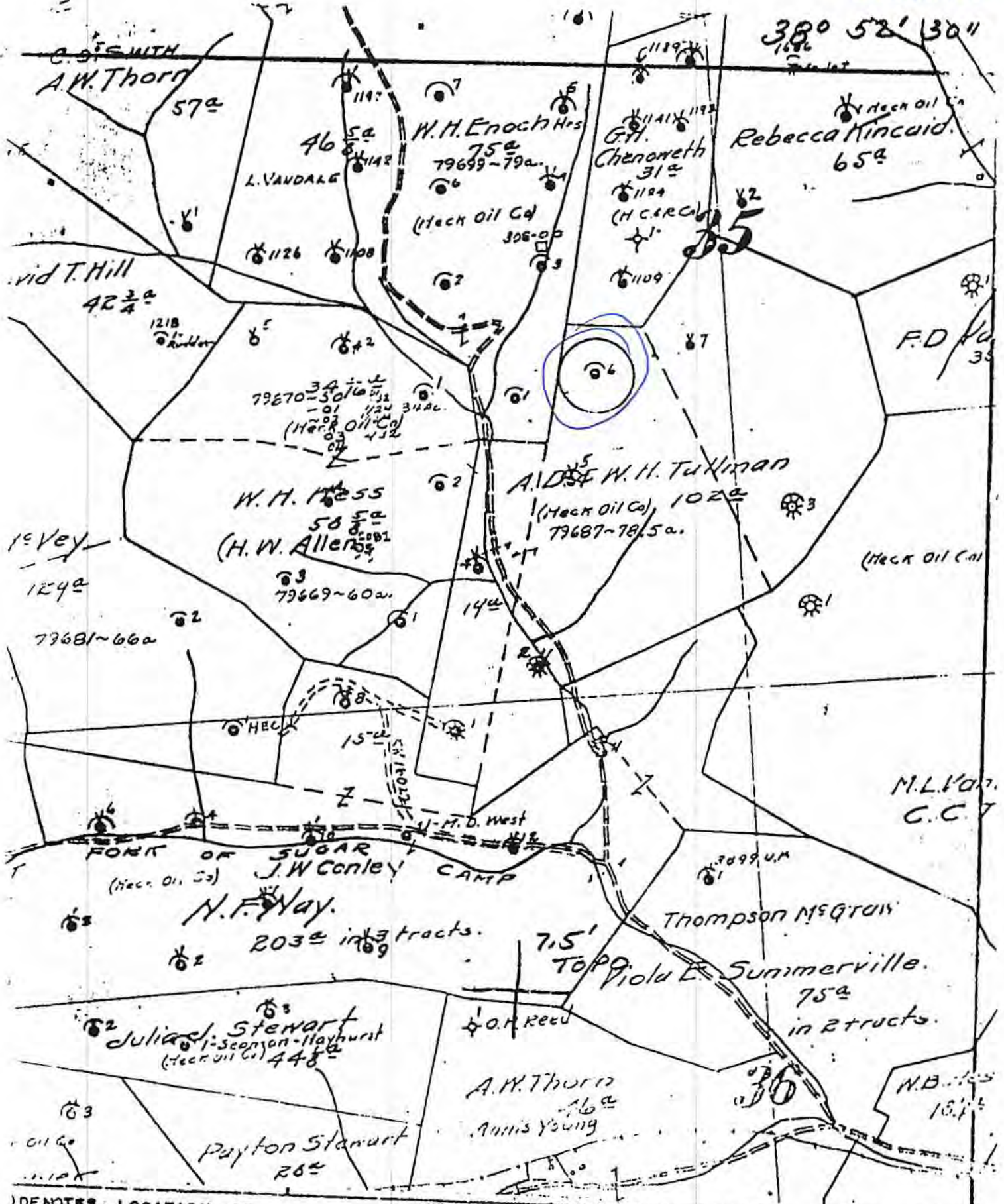
Put in Well	Pulled Out	Left in Well	Shot Date 3-22-30
Size Feet In	Feet In	Feet In	Amount 6.95
10" 935 5	935 5		Sand 2574 4 = 2596
8 1/4" 1265 7	1265 7		Result
6 7/8" 2260 4			Packer Size
6 7/8" Steel by hand			

Production First 24 Hours Bbls. Gas Test
 Approved by _____ Superintendent

SHOT @ 2605' on 3/22/1930

10/17/2014

47-087-2817



DENOTES LOCATION OF
 ALL ON UNITED STATES
 TOPOGRAPHIC MAPS
 SECTION IV-6
 1970
 S35 W48

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE: 12-8-1978
 OPERATOR'S WELL NO. 6
 API WELL NO. 47-087-2817
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 990' WATER SHED RIGHT EK. PERRY CK
 DISTRICT PERRY COUNTY PERRY CK
 QUADRANGLE PERRY 7.5'

SURFACE OWNER _____ ACREAGE _____
 OIL & GAS ROYALTY OWNER _____ LEASE NO. _____ LEASE ACREAGE _____

PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR
 STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW
 FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION _____ ESTIMATED DEPTH _____
 WELL OPERATOR: Pennzoil Company _____ DESIGNATED AGENT: James A. Crows
 OFFICE: P. O. Box 1548 _____ P. O. Box 1548 _____
 PHONE: _____ V 26101 _____ P. O. Box 1548 _____

10/17/2014

8702817W
CK 3856
690

WW-2A
(Rev. 6-14)

1.) Date: SEPTEMBER 8, 2014
2.) Operator's Well Number A. D. TALLMAN #6
State County Permit
3.) API Well No.: 47- 087 - 02817

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT**

4) Surface Owner(s) to be served: (a) Name O. J. TALLMAN ^W
Address 373 SUNFLOWER DRIVE
LEROY, WV 25252
(b) Name _____
Address _____
(c) Name _____
Address _____
5) (a) Coal Operator
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____
6) Inspector ED GAINER
Address P O BOX 821
SPENCER, WV 25276
Telephone 304-389-7582

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas
OR

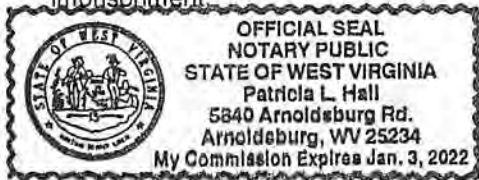
Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)
I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ___ on the above named parties by:

Personal Service (Affidavit attached)
 Certified Mail (Postmarked postal receipt attached)
Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

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, 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 and imprisonment.



Well Operator KRAKROW, INC.
By: Jon R. Hildreth
Its: JON R. HILDRETH, PRESIDENT
Address: P O BOX 1007
SPENCER, WV 25276
Telephone: 304-927-2130
Email: ROYG@ROYGHILDRETHANDSONINC.COM

Subscribed and sworn before me this 8TH day of SEPTEMBER, 2014 RECEIVED

Patricia L. Hall

Notary Public
Office of Oil and Gas

My Commission Expires January 3, 2022

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 10/17/2014
depprivacyofficer@wv.gov

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County ROANE

Operator KRAKROW, INC

Operator well number 087-02317 - A D TALLMAN #6

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (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 **FIFTEEN (15) 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 a 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.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy

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 Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ___ including a work order on Form WW2-B a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

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

FOR EXECUTION BY A CORPORATION, ETC.

O.J. Tallman
Signature

Date 9/17/14

O.J. TALLMAN

Print Name

Company Name
By
Its

RECEIVED
Office of Oil and Gas Date
9-17-14

Signature

Date

WV Department of
Environmental Protection

WW-2A1
(Rev. 1/11)

Operator's Well Number _____

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
EAST WEST RESOURCES, INC. DANIEL AND RICHARD MOORE, D/B/A SUMMIT ENERGY	KRAKROW, INC.	PD ON 1/8	221.23

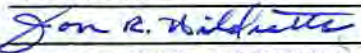
**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator:
By: Its:

KRAKROW, INC.


 JON R. HILDRETH, PRESIDENT

RECEIVED
Office of Oil and Gas

WV Department of
Environmental Protection

10/17/2014

WW-2B1
(5-12)

Well No. A. D. TALLMAN #6 API#087-02817

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

Be advised, you have the right to sample and analyze any water supply at your own expense.

Listed below is the laboratory chosen by operator to perform analysis, and contractor chosen to collect sample.

Certified Laboratory Name REIC LABORATORY - P.O. BOX 286, BEAVER, WV 25813
Sampling Contractor ROY G. HILDRETH AND SON, INC.

Well Operator KRAKROW, INC.

Address P. O. BOX 1007

SPENCER, WV 25276

Telephone 304-927-2130

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

ARCH G. HUNTER - 86 DAISY Lane, EIKVIEW, WV 25071

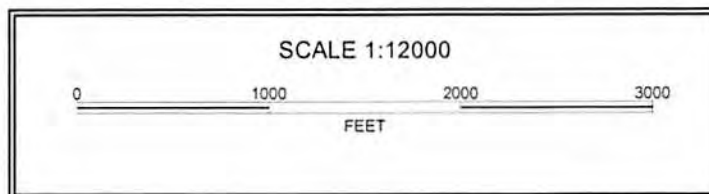
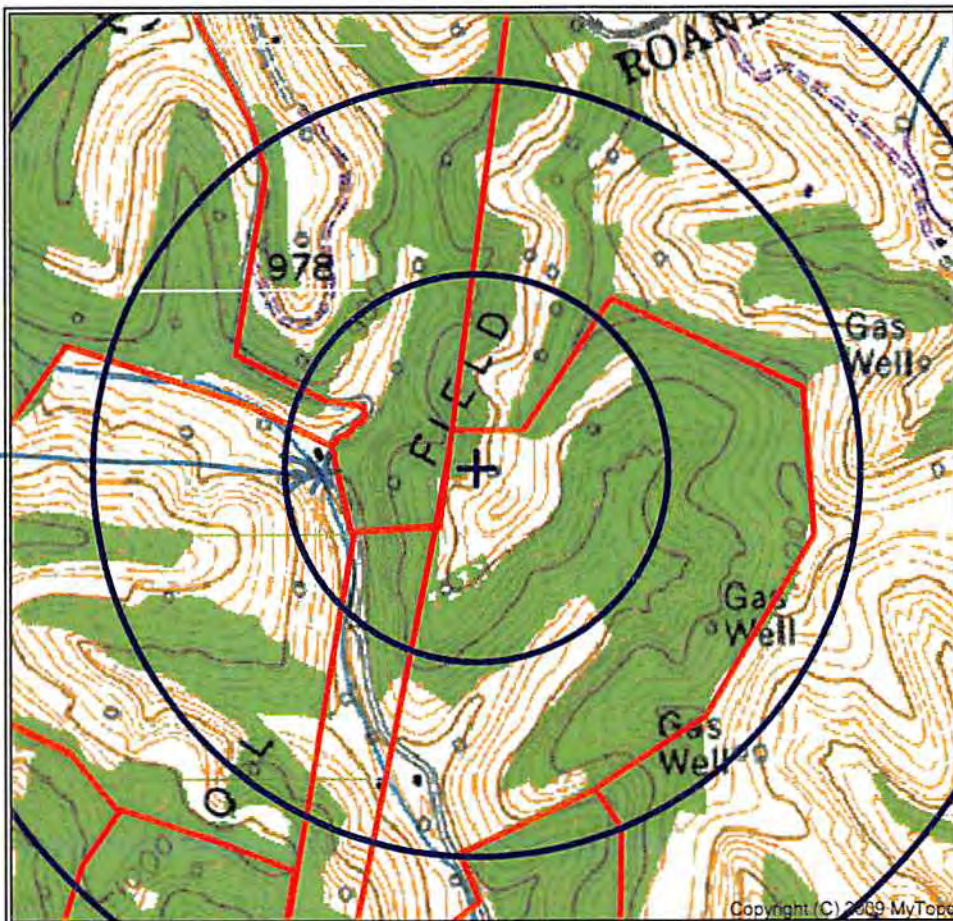
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Office of Oil and Gas

SEP 17 2014

WV Department of
Environmental Protection

10/17/2014

Arch Hunter



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

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Office of Oil and Gas

OCT 16 2014

FLUIDS, CUTTINGS DISPOSAL & RECLAMATION PLAN

WV Department of
Environmental Protection

Operator Name KRAKROW, INC. OP Code _____

Watershed (HUC 10) SUGAR CAMP RUN OF RIGHT FORK REEDY CREEK Quadrangle REEDY

Elevation 992' County ROANE District REEDY

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

Will a pit be used for drill cuttings? Yes X No _____

If so, please describe anticipated pit waste: GEL WATER, DRILL CUTTINGS, FRESHWATER

Will a synthetic liner be used in the pit? Yes X No _____ If so, what ml.? 20

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? NO

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. FRESHWATER

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

Additives to be used in drilling medium? CLAY STA. KCL, SOAP

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. LEAVE IN PIT

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

-Landfill or offsite name/permit number? _____

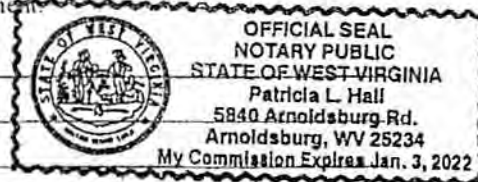
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 Jon R. Hildreth

Company Official (Typed Name) JON R. HILDRETH

Company Official Title PRESIDENT



Subscribed and sworn before me this 8TH day of SEPTEMBER, 20 14

Patricia L. Hall Notary Public

My commission expires 01/03/2022

10/17/2014

Form WW-9

Operator's Well No. A. D. TALLMAN #6 (API# 87-02817)

Proposed Revegetation Treatment: Acres Disturbed 3 Prevegetation pH 5.5

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 0.25 Tons lbs/acre (500 lbs minimum)

Mulch HAY 2 Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
ORCHARD GRASS	25	LADINO CLOVER	5
RED TOP COVER	15	KY 31	40
ANNUAL RHY	15	ANNUAL RHY	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: 

Comments: Sediment protection in place at all times.

Title: Inspector Date: 9/15/14

Field Reviewed? Yes No

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Office of Oil and Gas
SEP 17 2014
WV Department of
Environmental Protection
10/17/2014

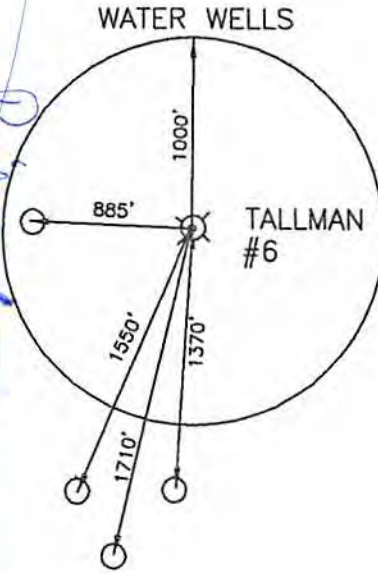
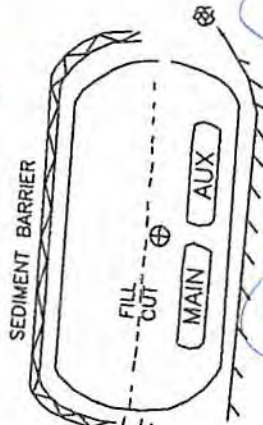
NOTE;

Any Trees 6" or larger in Diameter will be cut and piled. Brush will be used as Sediment Barriers. Temporary seed and mulch all slopes upon construction. Stone over all Culverts.

TALLMAN #6



PIT SIZE: 25'X80' +/-
LOCATION SIZE: 100'X200' +/-



EXISTING WELL AND FARM ROAD

WATER WELL & BLDG

ROCK ROAD ALONG CREEK

Stone Road from Gate to top of hill. Maintain sediment control at all times! Temporary seed & mulch before. Rig moves to location.

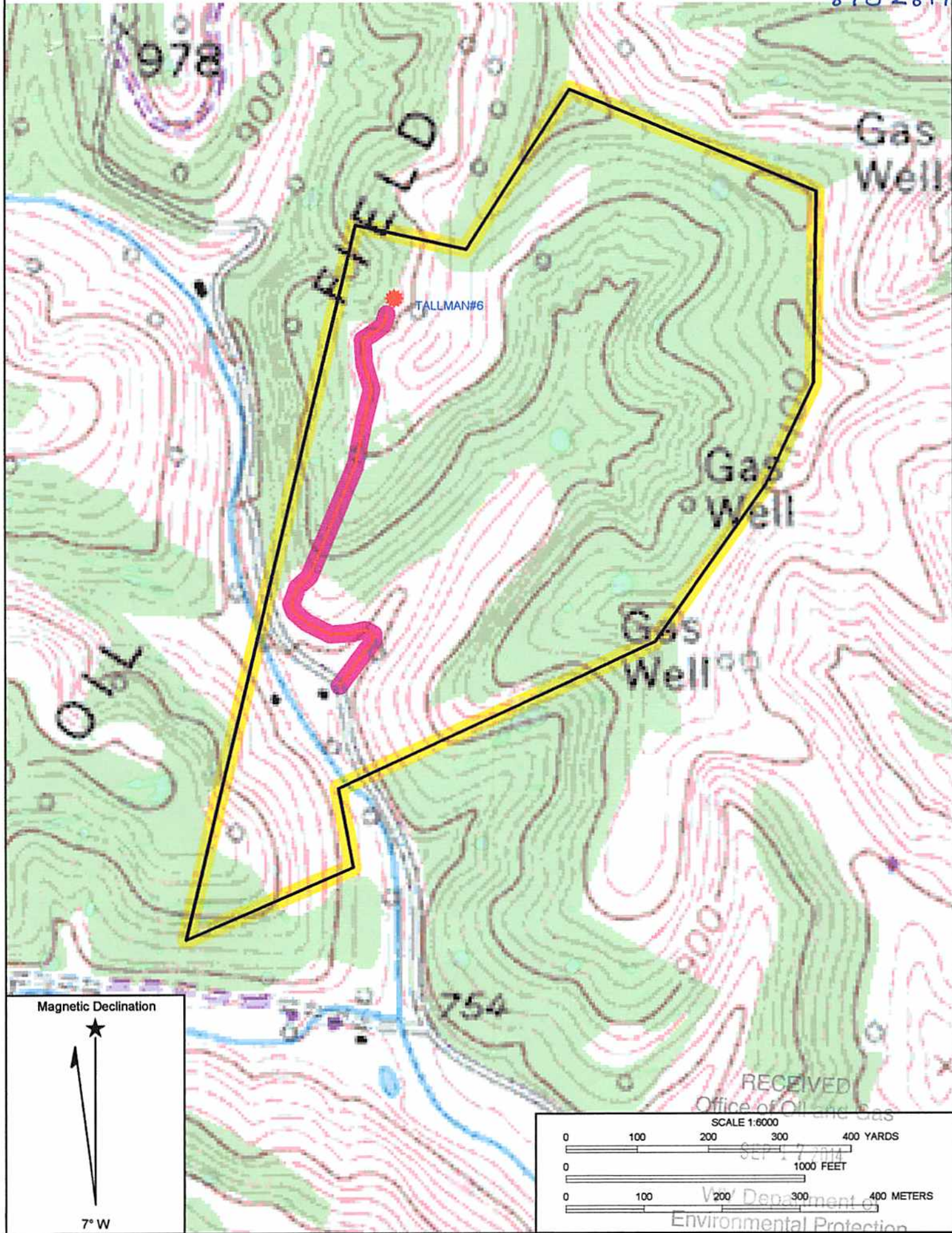
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9/15/14

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Office of Oil and Gas

SEP 17 2014

WV Department of
Environmental Protection

10/17/2014



Magnetic Declination



7° W

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Office of Oil and Gas

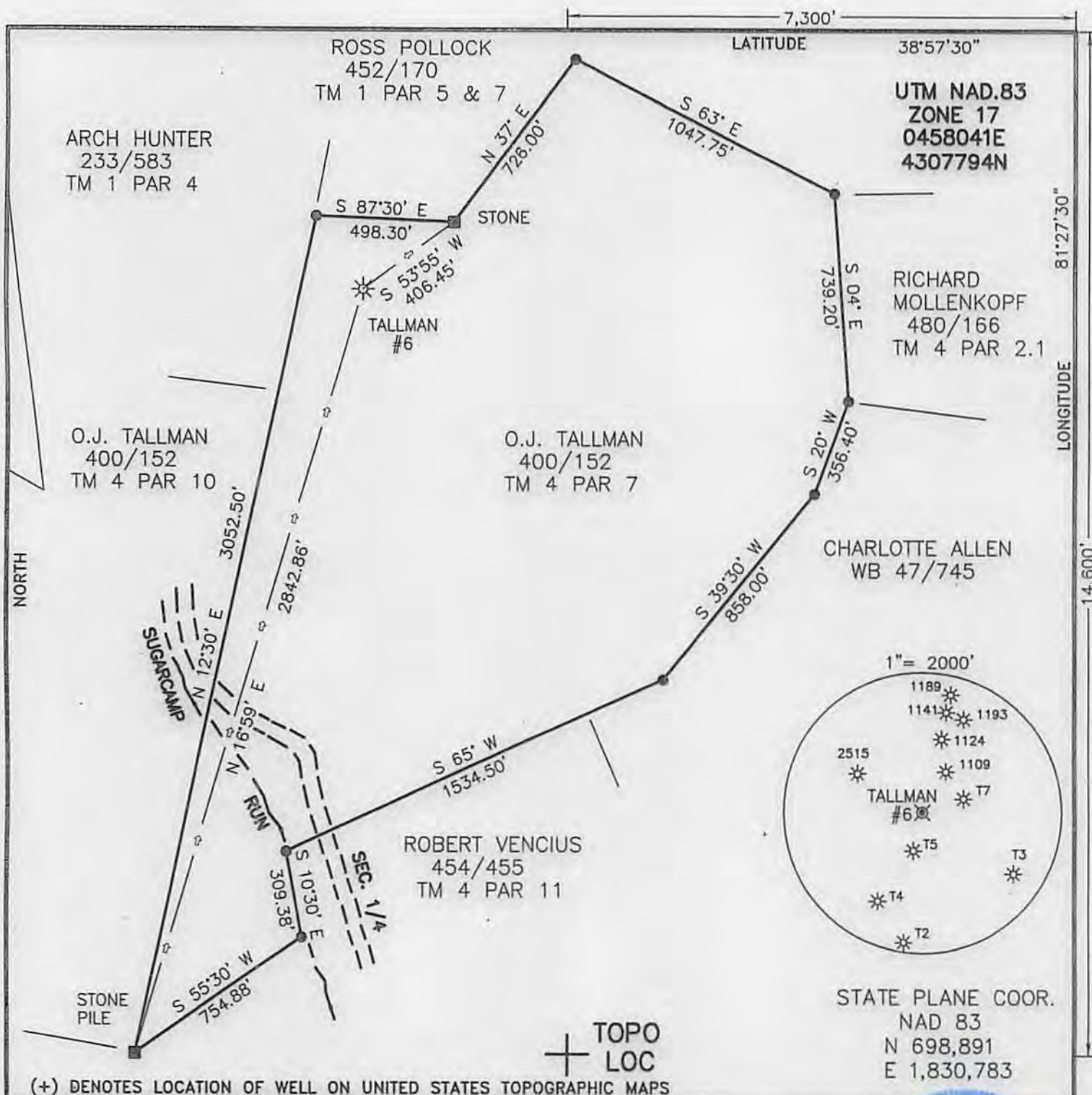
SCALE 1:6000
SEP 17 2014

0 100 200 300 400 YARDS

0 1000 FEET

0 100 200 300 400 METERS

Department of
Environmental Protection



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

FILE NO. _____
 DRAWING NO. 13-15
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION GPS

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



PLACE SEAL HERE

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

DATE 9/12, 2014
 OPERATOR'S WELL NO. TALLMAN #6
 API WELL NO. 47-087-02817 W
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 992 WATER SHED SUGAR CAMP RUN OF RIGHT FORK REEDY CREEK
 DISTRICT REEDY COUNTY ROANE
 QUADRANGLE REEDY

SURFACE OWNER O.J. TALLMAN ACREAGE 100.5
 OIL & GAS ROYALTY OWNER O.J. TALLMAN & OTHERS LEASE ACREAGE 122
 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 BEREA ESTIMATED DEPTH 2610
 WELL OPERATOR KRAKROW DESIGNATED AGENT ROY G. HILDRETH JR.
 ADDRESS PO BOX 1007 ADDRESS PO BOX 1007
SPENCER, WV 25276 SPENCER, WV 25276

10/17/2014

8702817W



**KRAKROW, INC.
OIL & GAS OFFICE
LAND DEPARTMENT**

758 Arnoldsburg Road • P.O. Box 1007 • Spencer, WV 25276
Phone: (304) 927-2130 • Fax: (304) 927-5933
www.royghildrethandsoninc.com • pattv@royghildrethandsoninc.com

STATE OF WEST VIRGINIA
DIV OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
601 57TH STREET
CHARLESTON, WV 25304

September 16, 2014

Re: A. D. Tallman #6

Attn: Kay Holtsclaw

Dear Ms. Holtsclaw:

Please find enclosed our "Notice and Application for a Well Work Permit" which is a "Re-Work" for A. D. Tallman #6. I have also enclosed our check in the amount of \$650.00 for the permit fee. If you have any questions, please contact me at the above number.

Sincerely,

**Jon R. Hildreth
President**

RECEIVED
Office of Oil and Gas
Sep 22 2014
West Virginia Department of
Environmental Protection

JRH:plh
Enclosures

Cert Mail No. 7009-0820-0000-6448-6174

10/17/2014