



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

Jim Justice , Governor
Austin Caperton , Cabinet Secretary
www.dep.wv.gov

Wednesday, October 11, 2017
WELL WORK PERMIT
Vertical / Re-Work

BUCKEYE OIL PRODUCING CO.
POST OFFICE BOX 129

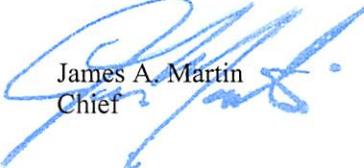
WOOSTER, OH 446910129

Re: Permit approval for 6
47-013-03142-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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

Operator's Well Number: 6
Farm Name: DEPUE, F. M.
U.S. WELL NUMBER: 47-013-03142-00-00
Vertical / Re-Work
Date Issued: 10/11/2017

Promoting a healthy environment.

10/13/2017

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, drilling ceased, completion of any other permitted well work and completion of the 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: Buckeye Oil Producing Co. 7275 Calhoun Center Grantsville
Operator ID County District Quadrangle

2) Operator's Well Number: Depue #6 3) Elevation: 894

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

5) Proposed Target Formation(s): Berea Proposed Target Depth: 2316

6) Proposed Total Depth: 2316 Feet Formation at Proposed Total Depth: Berea

7) Approximate fresh water strata depths: 90'

8) Approximate salt water depths: 900'

9) Approximate coal seam depths: N/A

10) Approximate void depths,(coal, Karst, other): N/A

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)

Take existing well & set balloon packer @ 2100' on 4-1/2" casing. Cement 4-1/2" from 2100' back to 1200'. Drill out inside of pipe and clean out to 2316'. Frac well w/ 700 bbls. water and 20,000# 20/40 sand.

13) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor						
Fresh Water	6-5/8			1872'	1872'	on packer existing casing
Coal						
Intermediate						
Production	4-1/2		10.5#	2100'	2100'	900' fill up
Tubing						
Liners						

RECEIVED
Office of Oil and Gas
SEP 29 2017
WV Department of Environmental Protection

Packers: Kind: Bottom Hole
 Sizes: 7" x 8-5/8
 Depths Set 1872

FORM IV-35
(Obverse)

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

[08-78]

TYPE: Oil X / Gas ✓ / Liquid Injection / Waste Disposal /
(If "Gas", Production / Underground storage / Deep / Shallow ✓)
Elevation: 740' Watershed: YELLOW CREEK
District: CENTER County: CALHOUN Quadrangle: ARNOLDSBURG

OPERATOR OKMAR OIL COMPANY DESIGNATED AGENT FRANCIS J. HARMAN
Address P. O. BOX 548 Address P. O. BOX 148
MARIETTA, OHIO 45750 PARKERSBURG, W.VA. 26101

ADMITTED WORK: Drill ✓ / Convert / Drill deeper / Redrill / Fracture or stimulate
Plug off old formation / Perforate new formation /
Other physical change in well (specify)

PERMIT ISSUED ON *NONE, 19 *Well drilled prior to 1929.
OIL & GAS INSPECTOR FOR THIS WORK:
Name RICHARD MORRIS
Address P. O. BOX 372
GRANTSVILLE, W.VA. 26147

LOGICAL TARGET FORMATION: Berea Sandstone Depth 2298-2316' feet
Depth of completed well, 2316' feet Rotary / Cable Tools
Water strata depth: Fresh, feet; salt, feet.
Coal seam depths: NONE Is coal being mined in the area? NO
Work was commenced Dec., 19 03, and completed Feb. 3, 19 04

LOGGING AND TUBING PROGRAM

LOGGING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	FATHERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Kinds
Fresh water								
Gal								Sizes
Intermediate								
Production	6 5/8						1872'	Deaths set
Logging	2"						2312'	
Perforations								Perforations:
								Top Bottom

OPEN FLOW DATA

Producing formation Berea Sandstone Pay zone depth 2298-2316' feet
Gas: Initial open flow, Show Mcf/d Oil: Initial open flow, N/A Ebl/d
Final open flow, Mcf/d Final open flow, Ebl/d
Time of open flow between initial and final tests, hours
Static rock pressure, psig (surface measurement) after hours shown
[If applicable due to multiple completion--]
Second producing formation Pay zone depth feet
Gas: Initial open flow, Mcf/d Oil: Initial open flow, Ebl/d
Final open flow, Mcf/d Final open flow, Ebl/d

RECEIVED
Office of Oil and Gas
Ebl/d
SEP 29 2017
10/13/2017
WV Department of Environmental Protection

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

"Shot" 60 qts. February 6, 1904

"Shot" 150 qts. July 11, 1905

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all free and salt water, coal, oil and
Berea Sand.	Brown	Soft	2298	2316	

(Attach separate sheets as complete as necessary)

OKMAR OIL COMPANY
Well Operator

By *Adolph Beren*
ADOLPH BEREN, CO-PARTNER

RECEIVED
Office of Oil and Gas
SEP 29 2017
WV Department of
Environmental Protection

10/13/2017

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."

WW-2A
(Rev. 6-14)

1.) Date: September 13, 2017
2.) Operator's Well Number Depue #6
State County Permit
3.) API Well No.: 47- 013 - 03142

**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 Jack Webb Heirs
Address _____
(b) Name _____
Address _____
(c) Name _____
Address _____
5) (a) Coal Operator Name N/A
Address _____
(b) Coal Owner(s) with Declaration Name N/A
Address _____
(c) Coal Lessee with Declaration Name N/A
Address _____
6) Inspector Joe Taylor
Address 1478 Claylick Rd.
Riplev, WV 25271 *JAT*
Telephone _____

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

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

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 *Steven W. Sigler*
By: Buckeye Oil Producing Co., Steven W. Sigler
Its: President
Address: PO Box 129
Wooster, OH 44691
Telephone: 330-264-8847
Email: cbecker@buckeyeoilinc.com

RECEIVED
Office of Oil and Gas
SEP 29 2017
WV Department of
Environmental Protection

Subscribed and sworn before me this 13th day of September, 03142
Cheryl K. Becker Notary Public
My Commission Expires November 4, 2017

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 depprivacyofficer@wv.gov

1303142W

WW-2A Surface Waiver
(4/16)

SURFACE OWNER WAIVER

County 013

Operator Buckeye Oil Producing Co.

Operator well number Depue #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

RECEIVED
Office of Oil and Gas

SEP 29 2017

WV Department of
Environmental Protection

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 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, WW-9, 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.

Bonnie Buck
Signature

Date 9.25.017

Company Name N/A

By _____
Its _____ Date _____

Bonnie Buck

Print Name

CK# 114428
Amt \$650.⁰⁰
Date 9/13/17

Signature _____ Date _____

10/13/2017

WW-2A1
(Rev. 1/11)

Operator's Well Number Depue #6

**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
Okmar Oil Co.	Buckeye Oil Producing Co.	1/8	229/543

**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:


Buckeye Oil Producing Co.
Steven W. Sigler, President

RECEIVED
Office of Oil and Gas

SEP 29 2017

WV Department of
Environmental Protection

10/13/2017

1303142W

WW-9
(5/16)

API Number 47 - 013 - 03142
Operator's Well No. Depue #6

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

Operator Name Buckeye Oil Producing Co. OP Code 7275
Watershed (HUC 10) Yellow Creek Quadrangle Grantsville

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: Flowback water & cleanout water

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

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: No

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. fresh water

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

Additives to be used in drilling medium? N/A

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) cement

-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 *Steven W. Sigler*
Company Official (Typed Name) Steven W. Sigler
Company Official Title President

Subscribed and sworn before me this 13th day of September, 2017
Cheryl K. Bucken Notary Public

My commission expires 09/13/2017



10/13/2017

Proposed Revegetation Treatment: Acres Disturbed +/- 2 acres Prevegetation pH 5.5

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer type _____

Fertilizer amount 600 lbs/acre

Mulch 90 bales Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type	lbs/acre
Kentucky Fescue	20

Seed Type	lbs/acre
Kentucky Fescue	20

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: Sediment control in place at all times!!

Title: OCG Inspect

Date: ~~9-13-2017~~ 9-20-17

Field Reviewed? Yes No

RECEIVED
Office of Oil and Gas
SEP 29 2017
WV Department of
Environmental Protection

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

Operator Name: Buckeye Oil Producing Co.
Watershed (HUC 10): Yellow Creek Quad: Grantsville
Farm Name: Depue #6

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

Excess workover fluids to be directed to lined earthen pit. Upon completion of workover, dependent upon volumes, fluids will be treated, aeriated, and land applied or transported to an approved offside disposal facility.

inadequate pit construction; no liner; excessive water volume

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

pit liner
berms directing discharge from pit
flowback to tanks after frac

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

Yellow Creek at approx. 700'
475' from sediment barrier

4. Summarize all activities at your facility that are already regulated for groundwater protection.

tank dikage

RECEIVED
Office of Oil and Gas
SEP 29 2017
WV Department of
Environmental Protection

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

[Signature]
9-20-17

10/13/2017

No issues that we are aware of.
Closest water well is approx. 1200'

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

No waste materials will be used on this or any additional well site for fill or deicing.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

Rig operator is directed to only use the earthen pit as needed.
Our initial plan is to circulate cleanout materials to a half tank, settle and dispose of liquids at an approved disposal facility.
Solids will then be left to dry and buried on site.

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

Inspections will be daily during workover and ongoing through production period by well tender

Signature: 

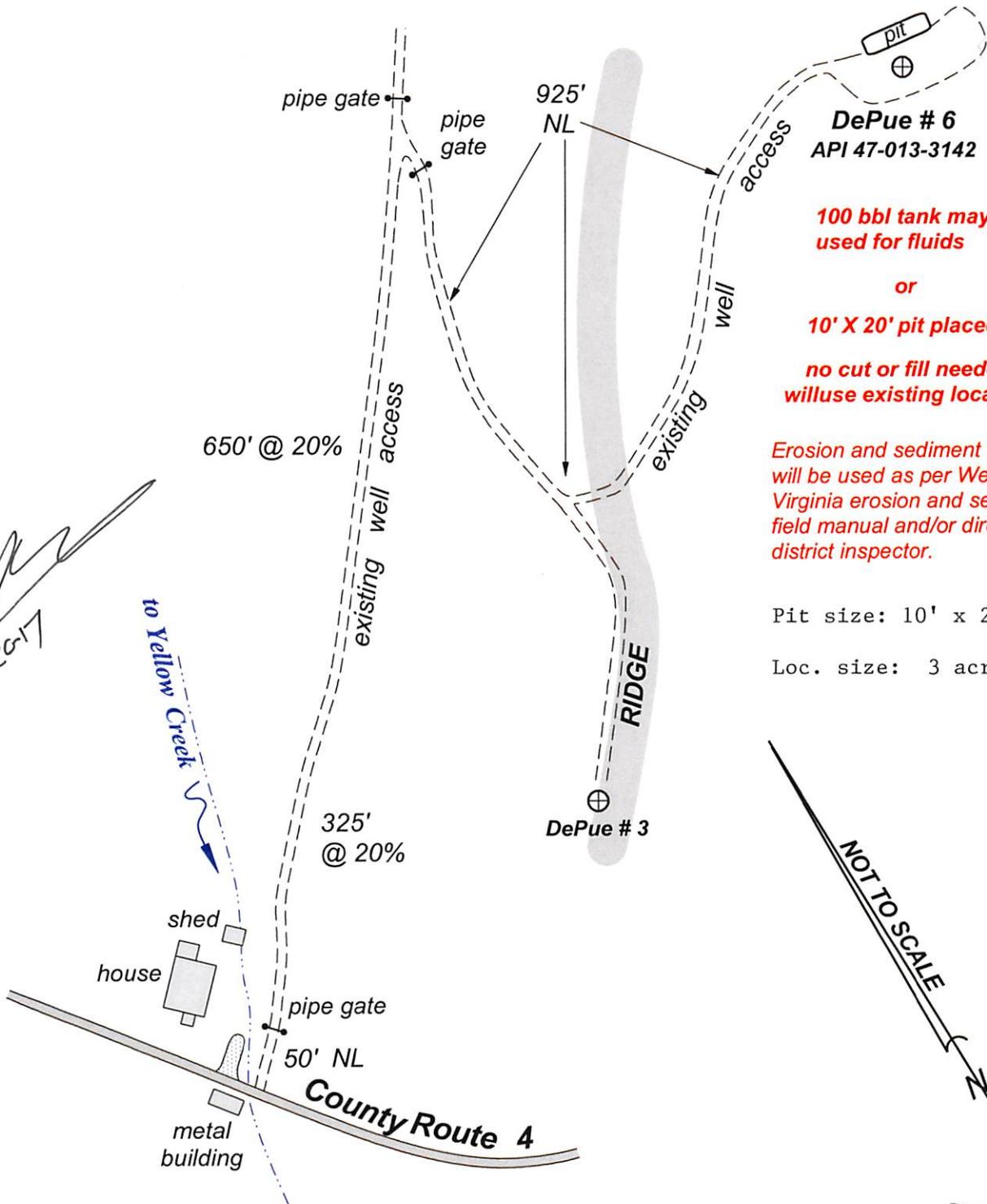
Date: 09/13/2017


9-20-17

RECEIVED
Office of Oil and Gas
SEP 29 2017
WV Department of
Environmental Protection

10/13/2017

Buckeye Oil Prod. Co.
Well: DePue # 6 API 47-013-3142
+/- 94.5 Acre Lease
Center District Calhoun County West Virginia



DePue # 6
API 47-013-3142

100 bbl tank may be used for fluids
or
10' X 20' pit placed
no cut or fill needed
will use existing location

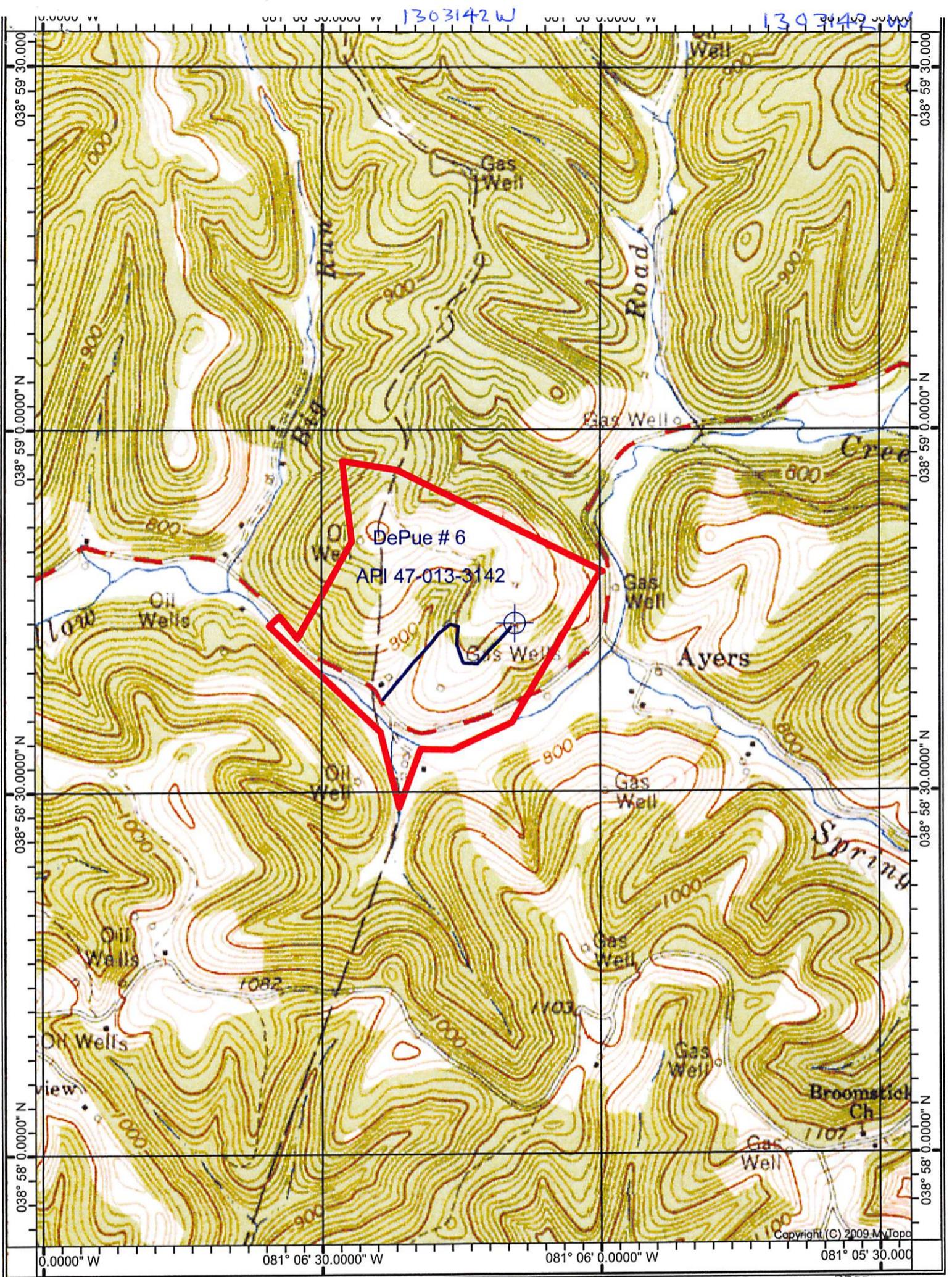
Erosion and sediment control will be used as per West Virginia erosion and sediment field manual and/or directed by district inspector.

Pit size: 10' x 25' x 5'
Loc. size: 3 acres

NOT TO SCALE

Handwritten signature and date: 9-20-17

RECEIVED
Office of Oil and Gas
SEP 29 2017
10/13/2017
WV Department of Environmental Protection



RECEIVED
Office of Oil and Gas

SEP 29 2017

WV Department of
Environmental Protection

10/13/2017

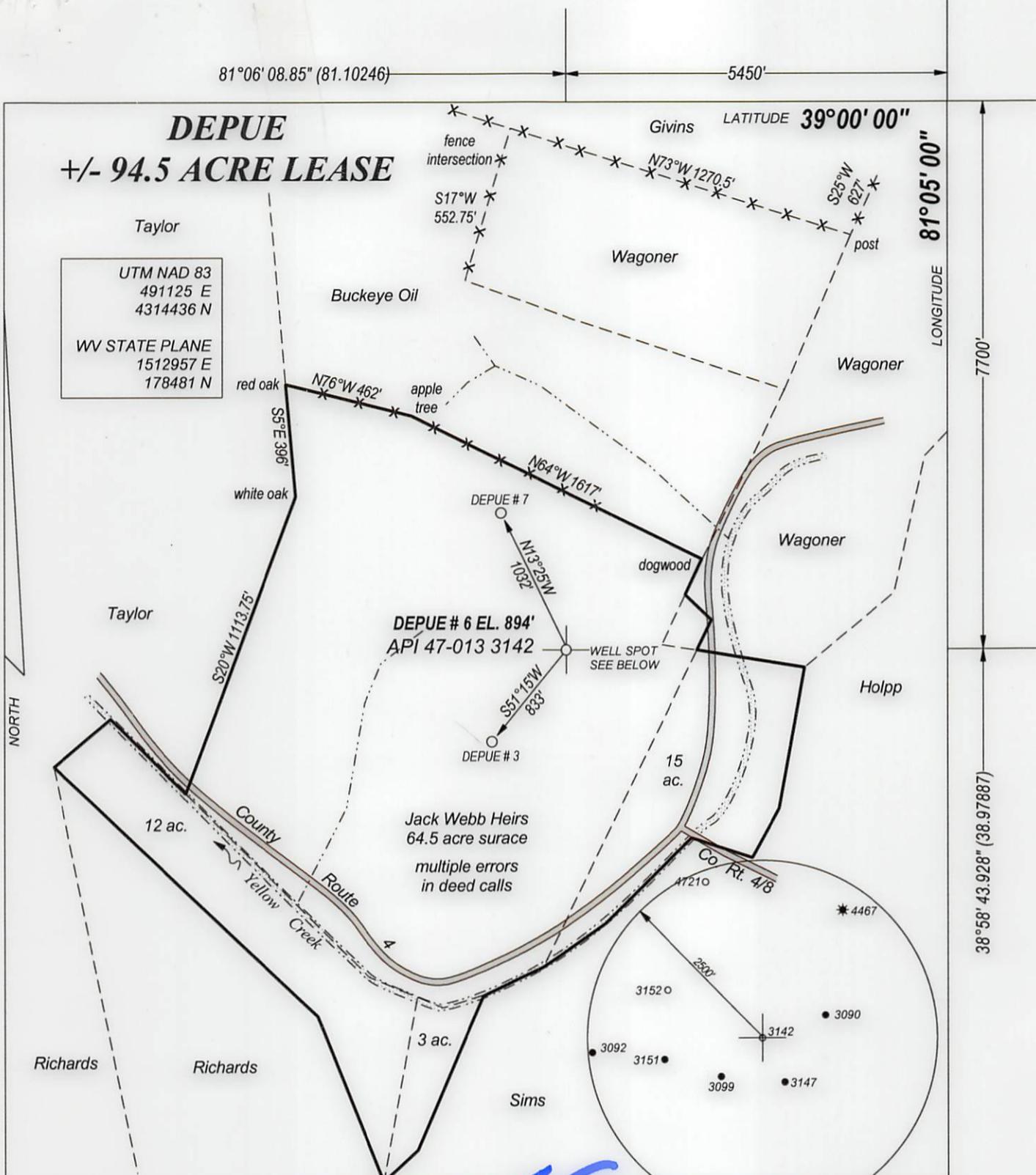
GRANTSVILLE QUADRANGLE

SCALE 1' = 1000'

BUCKEYE OIL CORP..

WELL: DEPUE #6 API 47-013-03142
DEPUE +/- 94.5 ACRE LEASE

CENTER DISTRICT CALHOUN COUNTY WEST VIRGINIA



DEPUE
+/- 94.5 ACRE LEASE

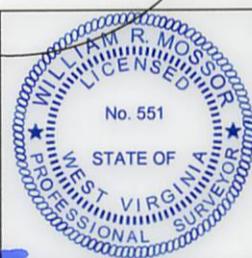
UTM NAD 83
491125 E
4314436 N

WV STATE PLANE
1512957 E
178481 N

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE
OF ACCURACY 1 : 200
PROVEN SOURCE
OF ELEVATION GPS
OBSERVATION

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) *[Signature]*
PROFESSIONAL SURVEYOR: 551



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

DATE AUGUST 24TH, 2017
OPERATORS WELL NO. DEPUE 6

API 47 - 013 -03142W
STATE COUNTY PERMIT

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

LOATION: ELEVATION 894' WATER SHED YELLOW CREEK
DISTRICT CENTER COUNTY CALHOUN QUADRANGLE GRANTSVILLE

SURFACE OWNER JACK WEBB HEIRS ACREAGE 64.5
OIL & GAS ROYALTY ALEAN MCCAULEY LEASE AC. +/- 94.5

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___
FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ 4 1/2" CASING ON INFLATION PACKER ___
OTHER PHYSICAL CHANGE IN WELL ___ DRILL OUT PACKER AND FRAQ. OPEN HOLE ___
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___

TARGET FORMATION BEREA ESTIMATED DEPTH +/- 2300'

WELL OPERATOR BUCKEYE OIL PROD. DESIGNATED AGENT HENRY W. SENNETT
ADDRESS P. O. BOX 129 ADDRESS RT. 1, BOX 150A
WOOSTER, OHIO 44691 BIG BEND, WV 26136

FORM WW - 6

COUNTY NAME
PREMIT

10/13/2017

WW-2B1
(5-12)

Well No. Depue #6

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 _____
Sampling Contractor _____

Well Operator _____
Address _____

Telephone _____

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.

No water within 1000' of well.

RECEIVED
Office of Oil and Gas

SEP 29 2017

WV Department of
Environmental Protection

10/13/2017