



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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Monday, August 9, 2021
WELL WORK PERMIT
Horizontal / Fracture

BUCKEYE OIL PRODUCING CO.
POST OFFICE BOX 129
WOOSTER, OH 446910129

Re: Permit approval for J.M. BENNETT 2H
47-013-04743-00-00

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: J.M. BENNETT 2H
Farm Name: TAYLOR, DOUGLAS E. & SH^H
U.S. WELL NUMBER: 47-013-04743-00-00
Horizontal Fracture
Date Issued: 8/9/2021

I

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.

08/13/2021

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

REWORK

API 47-130⁰¹³-04743 County Calhoun District Sheridan
Quad Grantsville 7.5 Pad Name Bennett #2H Field/Pool Name _____
Farm name Taylor, Douglas E. & Shirley Well Number 2H
Operator (as registered with the OCG) Buckeye Oil Producing Co.
Address PO Box 129 City Wooster State OH Zip 44691

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 724063.00 Easting 1967824.00
Landing Point of Curve Northing 724126.40 Easting 1967205.37
Bottom Hole Northing 724413.14 Easting 1965374.92

Elevation (ft) 1002 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
3% KCL

Date permit issued 6-2-2015 Date drilling commenced _____ Date drilling ceased _____
Date completion activities began 6-6-2015 Date completion activities ceased 10-1-2015
Verbal plugging (Y/N) _____ Date permission granted _____ Granted by _____

***** Please see page 5 of 5 for full description of the work performed.

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 50' Open mine(s) (Y/N) depths No
Salt water depth(s) ft 1015' Void(s) encountered (Y/N) depths No
Coal depth(s) ft n/a Cavern(s) encountered (Y/N) depths No
Is coal being mined in area (Y/N) No

APPROVED

NAME: [Signature]
DATE: 5-25-17

Reviewed by: _____

08/13/2021

WR-35
Rev. 8/23/13

API 47-130 - 4743 Farm name Taylor, Douglas E. & Shirley Well number 2H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	14"	11-3/4"	40	New			N
Surface	11"	9-5/8"	334	New	26#	N	Y
Coal							
Intermediate 1	8-7/8"	7"	1677	New	20#	N	Y
Intermediate 2							
Intermediate 3							
Production	6-1/4"	4-1/2"	4598	New	11.6#		
Tubing							
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (ft)
Conductor	Neat	5					5
Surface	Type 1 - 3% Kcl	115	15.6	1.20	138	-0-	12
Coal							
Intermediate 1	Unifill light	126	12.7	1.84	231	-0-	12
Intermediate 2	Type 1	100	15.6	1.18	118	-0-	12
Intermediate 3							
Production	n/a						
Tubing							

Drillers TD (ft) 4880 Loggers TD (ft) n/a
 Deepest formation penetrated Berea Plug back to (ft) _____
 Plug back procedure _____

Kick off depth (ft) 1707

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____
11-3/4 - None
9-5/8 - 5 centralizers
7 - 6 centralizers

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS used packer system, copy attached _____

WV Department of
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WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

WR-35
Rev. 8/23/13

API 47-130 - 4743 Farm name Taylor, Douglas E. & Shirley Well number 2H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1	10-3-14	4598	4598	open end	Berea
2	10-3-14	4464	4464	6	Berea
3	10-3-14	4242	4242	6	Berea
4	10-3-14	4061	4061	6	Berea
5	10-3-14	3839	3839	6	Berea
6	10-3-14	3658	3658	6	Berea
7	10-3-14	3435	3435	6	Berea
8	10-3-14	3255	3255	6	Berea
9	10-3-14	3023	3023	6	Berea

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
1	10-3-14	20	1113	3100	778	17,000	487	-0-
2	10-3-14	20	1241	2800	778	17,000	389	-0-
3	10-3-14	20	1322	2700	778	17,000	433	-0-
4	10-3-14	20	1258	2400	778	17,000	452	-0-
5	10-3-14	20	1238	2400	778	17,000	441	-0-
6	10-3-14	20	1389	2300	778	17,000	434	-0-
7	10-3-14	20	1550	2500	778	17,000	452	-0-
8	10-3-14	20	1524	2300	778	17,000	455	-0-
9	10-3-14	20	1192	2200	778	19,000	488	-0-

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Please insert additional pages as applicable.

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Rev. 8/23/13

API 47- 130 - 4743 Farm name Taylor, Douglas E. & Shirley Well number 2H

PRODUCING FORMATION(S)	DEPTHS		
Berea	2418-2447	TVD	2585-2807 MD

Please insert additional pages as applicable

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 310 psi Bottom Hole _____ psi DURATION OF TEST 48 hrs

OPEN FLOW Gas 70 mcfpd Oil 10 bpd NGL - bpd Water 30 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	0		0		
2nd Salt Sand	1573	1664	1573	1664	
3rd Salt Sand	1719	1840	1720	1842	
Maxton	1861	1923	1862	1925	oil, gas & water (salt)
Big Injun	2000	2053	2006	2063	
Berea	2418	2447	2585	2807	oil & gas

Please insert additional pages as applicable

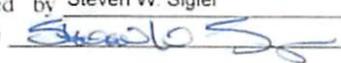
Drilling Contractor Wayco
Address PO Box 397 City Glenville State WV Zip 26351

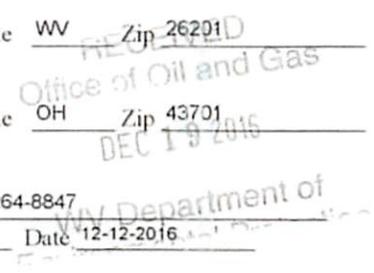
Logging Company ADC
Address 1200 Heavy Haul Rd. City Morgantown State WV Zip 26508

Cementing Company Universal Well Services
Address 14 Sewer Plant Rd. City Buckhannon State WV Zip 26201

Stimulating Company Producers Services
Address 109 S. Graham St. City Zanesville State OH Zip 43701

Please insert additional pages as applicable

Completed by Steven W. Sigler Telephone 330-264-8847
Signature  Title President Date 12-12-2016



Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

API #47-130-4748

Farm Name: Taylor, Douglas & Shirley

Well Name: Bennett #2H

1. Set solid bridge plug @ 2215' in 4-1/2" casing
2. Perf 4-1/2" @ 2205' w/6 shots
3. Pumped 140 sks Type 1 cement. Stopped plug @ 2000'
4. Drilled 195' of good cement & drilled out bridge plug
5. Put well back into production

NOTE: No pits used. All brine hauled off location. Per our rework permit.

Office of Oil and Gas
DEC 19 2016
Department of

08/13/2021

WW-2A
(Rev. 6-14)

1.) Date: 7-21-2021
2.) Operator's Well Number Bennett 2H
State County Permit
3.) API Well No.: 47-0130-04743

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 Doug and Shirley Taylor
Address 3868 Yellow Creek Rd.
Big Bend, WV 26136
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Joe Taylor
Address 1478 Claylick Road
Ripley, WV 25271
Telephone (304) 380-7469

5) (a) Coal Operator
Name N/A
Address _____
(b) Coal Owner(s) with Declaration
Name N/A no mineable coal
Address _____
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

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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 Buckeye Oil Producing Company
By: Steven W. Sigler
Its: President
Address: P.O. Box 129
Wooster, Ohio 44691
Telephone: (330) 264-8847
Email: cbecker@buckeyeoilinc.com

Subscribed and sworn before me this 21st day of July, 2021, Buckeye Oil Producing Cor

Judith R. Frank Judith R. Frank Notary Public
My Commission Expires May 14, 2022

Oil and Gas Privacy Notice

WW-2A Surface Waiver (4/16)

SURFACE OWNER WAIVER

County 130

Operator Operator well number

Buckeye Oil Producing Company Bennett 2H

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 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.

Signature Douglas Taylor

Date 7-26-21

Company Name N/A
By
Its

Print Name Shirley Taylor

Print Name

Date

Signature

Date

08/13/2021

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WV Department of Environmental Protection

WW-2A1
(Rev. 1/11)

Operator's Well Number Bennett 2H

**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 Company	Buckeye Oil Producing Company	1/8th	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 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 Company

Steven W. Sigler
President

08/13/2021

WW-9
(5/16)

API Number 47 - 0130 04743
Operator's Well No. Bennett 2H

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

Operator Name Buckeye Oil Producing Company OP Code 306103

Watershed (HUC 10) unnamed drain & Big Run of 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

NO PITS. FRAC WATER FLOW BACK WILL BE CONTAINED IN TANKS BEFORE DISPOSING OFF SITE.

gmm

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 34-167 9395)
- 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. freshwater

-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? n/a

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.

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WV Department of Environmental Protection

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

JP
7-28-21

Subscribed and sworn before me this 21ST day of July, 20 21

Judith R. Frank Judith R Frank Notary Public

My commission expires May 14, 2022

08/13/2021

Proposed Revegetation Treatment: Acres Disturbed 0 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

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: Joseph Toyler

Comments: _____

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Title: OOG Inspector

Date: 7-28-2021

Field Reviewed? (X) Yes () No

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

Operator Name: Buckeye Oil Producing Company
Watershed (HUC 10): unnamed drain & Big Run of Yellow Creek Quad: Grantsville
Farm Name: Douglas and Shirley Taylor

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

Discharge all frac fluids to tanks for disposal.
None

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

refrac of well will be contained to frac tanks on site then disposed of properly

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

pond to the south within 500' updip

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

Dikes at existing Tank Battery

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


08/13/2021

during the refrac operation we do not intend to excavate any soil or discharge any fluids to the ground

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

No waste material will be used for de-icing or fill material on the property

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.

All fluids will be in tanks before and after refrac procedure and removed for proper disposal at a UIC approved facility

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Environmental Protection

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

Location will be monitored daily until rework operations and disposal of used fluids are removed

Signature: [Signature]

Date: 7-21-2021

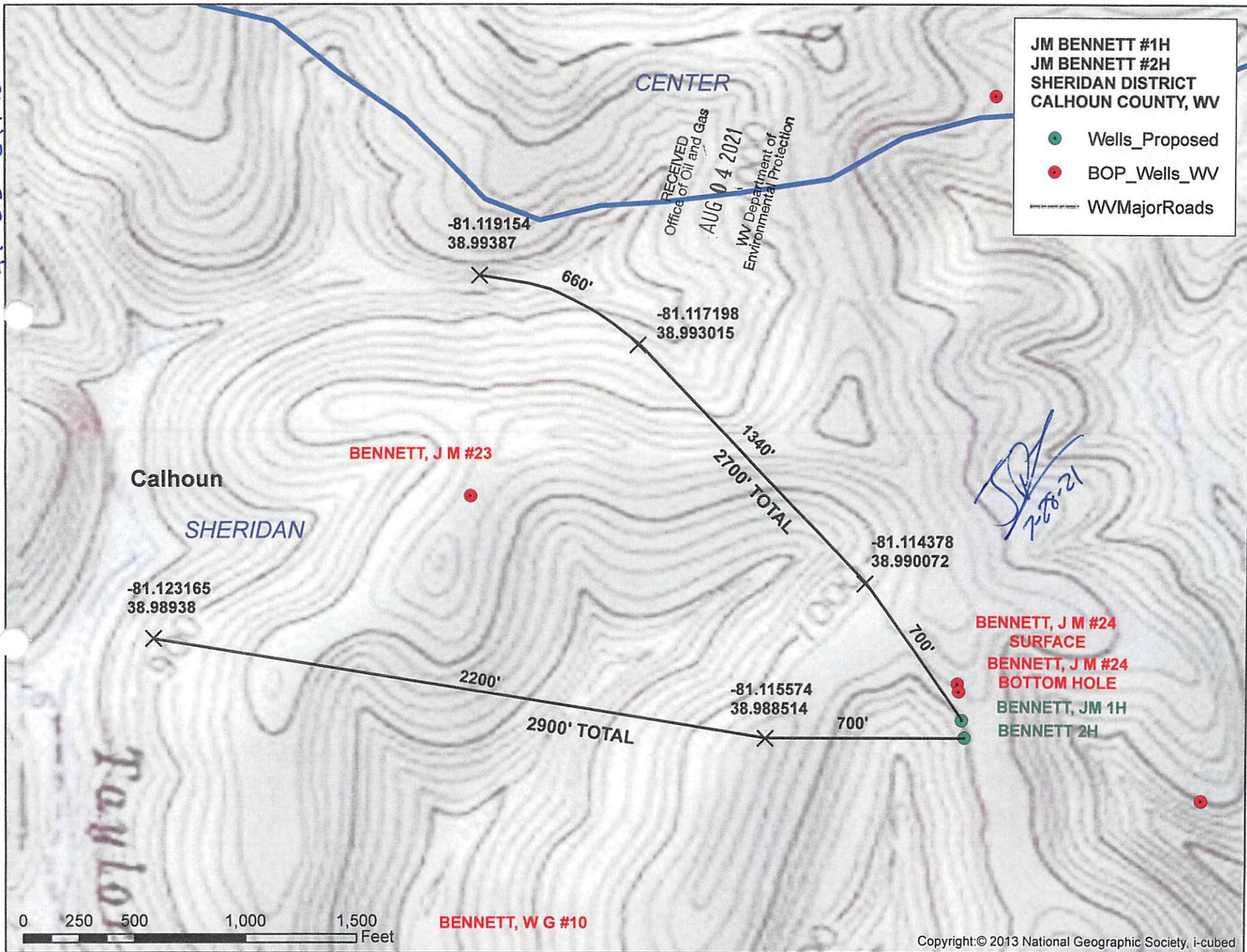
[Signature]

08/13/2021

47-013 - 0474314 F

JM BENNETT #1H
JM BENNETT #2H
SHERIDAN DISTRICT
CALHOUN COUNTY, WV

- Wells_Proposed
- BOP_Wells_WV
- WVMajorRoads



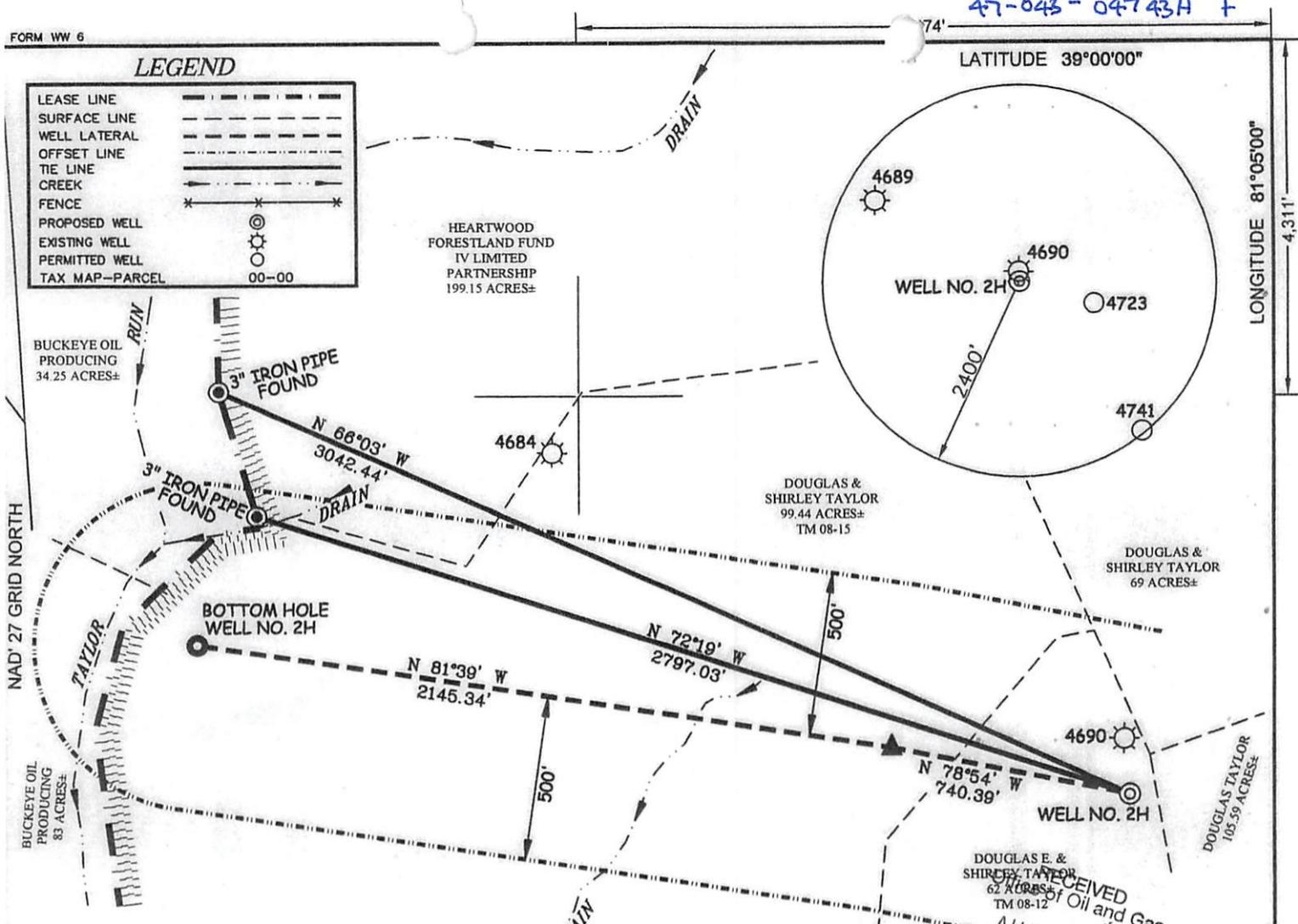
Handwritten signature and date: 12-8-21



BENNETT, W G #10

LEGEND

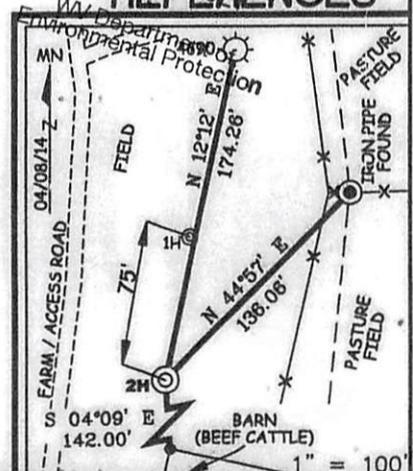
LEASE LINE	---
SURFACE LINE	----
WELL LATERAL	-----
OFFSET LINE	-----
TIE LINE	-----
CREEK	~~~~~
FENCE	*-----*
PROPOSED WELL	⊙
EXISTING WELL	⊙
PERMITTED WELL	⊙
TAX MAP-PARCEL	00-00



**J.M. BENNETT LEASE
700 ACRES±
WELL NO. 2H**

(S.P.C. SOUTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD'27 S.P.C.(FT) N. 724,001 E. 1,967,837
 NAD'27 GEO. LAT-(N) 38.98816 LONG-(W) 81.11314
 NAD'83 UTM (M) N. 4,315,479 E. 490,215
BOTTOM HOLE
 NAD'27 S.P.C.(FT) N. 724,456 E. 1,964,988
 NAD'27 GEO. LAT-(N) 39.98940 LONG-(W) 81.12317
 NAD'83 UTM (M) N. 4,315,617 E. 489,347

REFERENCES



NOTES ON SURVEY

1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL.

Professional Energy Consultants
 A DIVISION OF SMITH LAND SURVEYING, INC.

 SURVEYORS
 ENGINEERS
 ENVIRONMENTAL
 PROJECT MGMT.
 (304) 462-4634
 WWW.SLSURVEYS.COM



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677
Gregory A. Smith

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JUNE 09, 20 14
 REVISED _____ 20 _____
 OPERATORS WELL NO. J.M. BENNETT 2H
 API WELL NO. 47 - 043 - 04743H F
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 8040P2H(493-53)
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (MAPPING GRADE TIE TO CORS NETWORK) SCALE 1" = 500'

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

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

LOCATION:
 ELEVATION 1,002' WATERSHED UNNAMED DRAIN & BIG RUN OF YELLOW CREEK
 DISTRICT SHERIDAN COUNTY CALHOUN QUADRANGLE GRANTSVILLE 7.5'

SURFACE OWNER: DOUGLAS E. AND SHIRLEY TAYLOR ACREAGE 62±
ROYALTY OWNER: J.M. BENNETT HEIRS AND/OR ASSIGNS ACREAGE 700± **08/13/2021**

PROPOSED WORK: LEASE NO. _____
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BEREA
 ESTIMATED DEPTH TVD 2,467' TMD 5,045'

WELL OPERATOR: BUCKEYE OIL PRODUCING CO. **DESIGNATED AGENT:** HENRY W. SINNETT
ADDRESS: P.O. BOX 129 **ADDRESS:** RT. 1 BOX 150A
WOOSTER, OH 44691 **BIG BEN, WV 26136**

COUNTY NAME
 PERMIT



Stansberry, Wade A <wade.a.stansberry@wv.gov>

Plugging Vertical Well Work Permit (API: 47-013-04743)

1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Mon, Aug 9, 2021 at 4:08 PM

To: Cheryl Becker <cbecker@buckeyeoilinc.com>, "Taylor, Joseph D" <joseph.d.taylor@wv.gov>, Jason Nettles <jnettle1@assessor.state.wv.us>

I have attached a copy of the newly issued well [permit](#) number "J. M. BENNETT 2H", API (47-013-04743). This will serve as your copy.

If you have any questions, then [please contact us here](#) at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry

Environmental Resources Specialist 3

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE

Charleston, WV 25304

(304) 926-0499 ext. 41115

(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

2 attachments

 **IR-26 Blank.pdf**
152K

 **47-013-04743 - Copy.pdf**
4150K

08/13/2021