



west virginia department of environmental protection

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

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

Thursday, October 3, 2019
WELL WORK PLUGGING PERMIT
Vertical Plugging

PATCHWORK OIL & GAS LLC
PO BOX 168

DAVISVILLE, WV 26142

Re: Permit approval for PARR-STASEL 1
47-021-03490-00-00

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

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

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

James A. Martin
Chief

Operator's Well Number: PARR-STASEL 1
Farm Name: PARR-STASEL
U.S. WELL NUMBER: 47-021-03490-00-00
Vertical Plugging
Date Issued: 10/3/2019

Promoting a healthy environment.

PERMIT CONDITIONS

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

CONDITIONS

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

1) Date August 1st, 2019
2) Operator's
Well No. Par-Stasel #1
3) API Well No. 47-021-03490

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 ___ or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 964 Watershed ___
District TROY County GILMER Quadrangle HOLBROOK

6) Well Operator PATCHWORK OIL & GAS 7) Designated Agent ROGER L. WHITED
Address PO BOX 168 Address 548 CLARION RD.
DAVISVILLE, WV 26142 WALKER, WV 26180

8) Oil and Gas Inspector to be notified Name DANNY MULLINS
Address 220 JACK ACRES RD
BUCKHANNON, WV 26201
9) Plugging Contractor Name PATCHWORK OIL & GAS
Address PO BOX 168
DAVISVILLE, WV 26142

10) Work Order: The work order for the manner of plugging this well is as follows:
The well was plugged back to 840' above elevation and original perforations
Set bottom plug with Class A cement from TD to 703' which is 50' above new set of
perforations. (818-753). If any, cut and remove casing then set a 100'
class A cement plug across the cut. Set 100' surface plug to seal the well.
Install monument within state guidelines.

Before plugging commences check TD and pull all necessary rods & tubing.
Gel spacers between cement plugs.

*THIS WELL WAS ISSUED A PARTIAL PLUGGING PERMIT ≈ JUNE 1974.
NO AFFIDAVIT WAS EVER FILED TO VERIFY PLUGGING. THEREFORE?
NOTIFY INSPECTOR OF ACTUAL TD OF WELL BEFORE COMMENCING WITH PLUGGING.*

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

Work order approved by inspector

Danny Mullins

Date

8-16-19

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PROPOSED MANNER OF PLUGGING AND FILLING WELL
(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION
NOTICE OF INTENT TO STOP
WORK ORDER

Well to be plugged and filled as follows:

Set cement and plug at	2240-2220
Pull 5-3/16" pipe from 2048 if present	
Fill hole with jell	2220-2000
Set cement and plug at	2000-1960
Fill hole with jell	1960-1860
Pull 6-5/8" pipe from 1851	
Set cement and plug at	1860-1840
Fill hole with jell	1840-1510
Set cement and plug at	1510-1490
Fill hole with jell	1490- 970
Pull 8-1/4" casing from	967- 750
Fill with jell to	870-870
Set cement and plug at	870-850

Plugged back BUT
No PLUGGING
AFFIDAVIT
FOR THIS
WELL

To the Department of Mines
Coal Owner or Operator,
Lease or Property Owner.

Gentlemen:
This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,
FERNZOLL COMPANY
Carroll A. Lewis
Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners of)interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

30th day of July 1974

DEPARTMENT OF MINES
Oil and Gas Division
By: *Robert R. [Signature]*

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.

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Office of Oil and Gas

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO DRILL DEEPEN X FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) Bank Fence RESPONSIBLE AGENT: Fennell Company
 NAME Bank Fence NAME Fennell Company
 ADDRESS _____ ADDRESS Parkersburg, West Virginia 26101
 TELEPHONE _____ TELEPHONE (304) 422-6565
 ESTIMATED DEPTH OF COMPLETED WELL 840 ROTARY _____ CABLE TOOLS X
 PROPOSED GEOLOGICAL FORMATION: Dunkard
 TYPE OF WELL: OIL _____ GAS _____ COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD- _____ OTHER _____

TENTATIVE CASING PROGRAM

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	GRIENT FILL UP OR SACKS - CUBIC FT.
20 1/2"			
18 - 10			
9 - 5/8			
8 - 5/8			
7			
5 1/2	840	840	50 sks.
4 1/2			
2			Perf. Top
2			Perf. Bottom
1 1/2			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS _____

IS COAL BEING MINED IN THE AREA? None BY WHOM? _____
 TO DRILL: _____

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAN.

TO DRILL DEEPER OR REDRILL:
 SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAN AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:
 OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAN AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within thirty (30) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.
 We the _____ Coal Company, have no objections to said well being drilled at this location, providing operator, has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 23 of the West Virginia Code.

Per Coal Company

(19-A-500-112) (1712003)
 3682 01-112

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47-021-03496P

PENNZOIL COMPANY

601 GRAND CENTRAL AVENUE • VIENNA, W VA 26105 • PHONE (304) 422-6565
Mailing Address P.O. Drawer 1282, Parkersburg, West Virginia 26101

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JUN 16 1975

OIL & GAS DIVISION
DEPT. OF MINES

Mr. Robert L. Dodd, Deputy Director
Oil and Gas Division
Department of Mines
1204 Kanawha Boulevard, East
Charleston, West Virginia 25301

Dear Mr. Dodd:

FRACTURE RECORD

Well Name and No: Parr-Stasel, Well No. 1

District: Troy

County: Gilmer

Permit No: Gil-40-F

Completion Date: 11-9-74

Formation fractured: Top 753
Dunkard Bottom 818

Material - Sand: 30,000#
Fluid: 557 BW

Rock Pressure:
Before fracture - No Test
After fracture -

Test After Fracture:
Oil - 6 BOPD
Gas 8,000

Very truly yours,

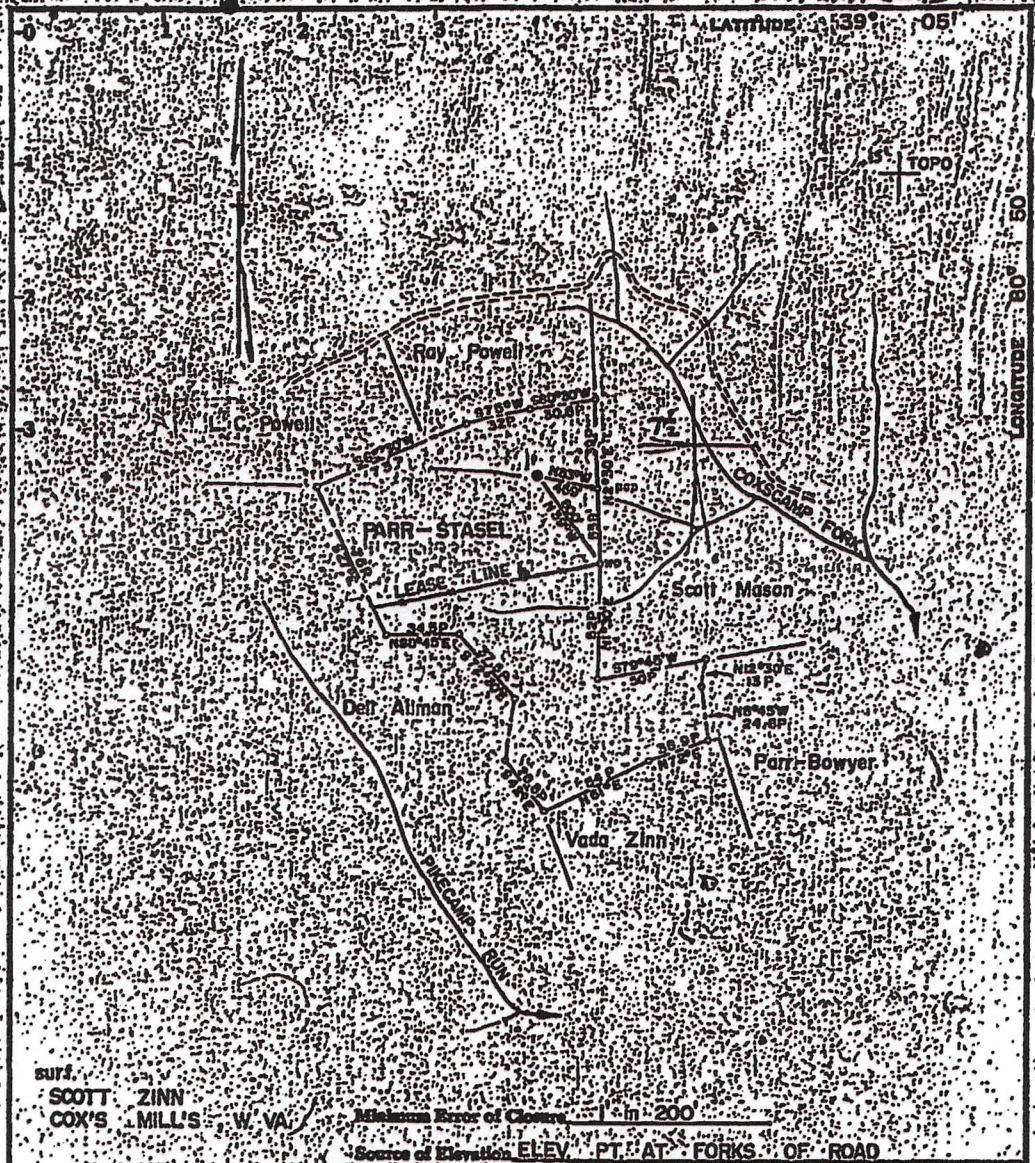
PENNZOIL COMPANY

By Curtis A. Lucas
Curtis A. Lucas
Engineering Dept.

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surf. SCOTT ZINN
COX'S MILL'S W. VA

Maximum Error of Closure 1 in 200
Source of Elevation ELEV. PT. AT FORKS OF ROAD

Partial Plugging 7/30/74
 Fracture 11/1/74
 New Location
 Drill Deeper
 Abandonment

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

ELEV. 858.00
 Signed: *Curtis A. Lucas*
 Map No. 16 Squares: N 827 E W14

Company	PENNZOIL COMPANY	
Address	P. O. Box 1588, Parkersburg, W. Va. 26101	
Farm	PARR-STASEL	
Tract	Acres 129	Lease No. 80878
Well (Farm) No.	1	Serial No.
Elevation (Spirit Level)	964.00	
Quadrangle	HOLBROOK 15	AUSURN 172
County	GILMER	District TROY
Surveyor	CURTIS A. LUCAS	
Surveyor's Registration No.	275	
File No.	1585	Drawing No.
Date	7-24-74	Scale 1" = 1000'

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

WELL LOCATION MAP
 47-021-3490
 FILE NO. 611-496-A-PP
 Transferred to Gil. 40. P. 100

Denotes location of well on United States Topographic Maps, scale 1 to 62500, latitude and longitude lines being represented by border lines as shown.

Denotes one inch spaces on border lines of original tracing.

47-021

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WW-4A
Revised 6-07

1) Date: August 1, 2019
2) Operator's Well Number
Parr-Stasel #1
3) API Well No.: 47 - 021 - 03490

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

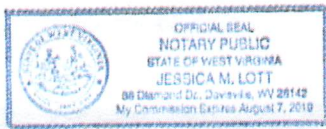
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Manley & Sharon Zinn</u>	Name <u>n/a</u>
Address <u>8667 WV Highway 47W</u>	Address _____
<u>Cox's Mills, WV 26342</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>n/a</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Danny Mullins</u>	(c) Coal Lessee with Declaration
Address <u>220 Jack Acres Rd.</u>	Name <u>n/a</u>
<u>Buckhannon, WV 26201</u>	Address _____
Telephone <u>304-932-6644</u>	_____

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

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

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

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



Well Operator Patchwork Oil & Gas, LLC
 By: [Signature]
 Its: Managing Member
 Address PO Box 168
Davisville, WV 26142
 Telephone 304-489-1500

Subscribed and sworn before me this 2 day of August, 2019
[Signature] Notary Public
 My Commission Expires Aug 7, 2019

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.

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WW-9
(5/16)

API Number 47 - 021 - 03490
Operator's Well No. Parr-31021 #1

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

Operator Name PATCHWORK OIL & GAS, LLC OP Code 494466991

Watershed (HUC 10) _____ Quadrangle HOLBROOK

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: _____

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain VAC TRK WILL BE USED FOR IF ANY WATER USED IN PROCEDURE)

Will closed loop system be used? If so, describe: _____

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

-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. _____

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

-Landfill or offsite name/permit number? _____

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

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

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

Company Official Signature *Roger L. Whited*

Company Official (Typed Name) ROGER L. WHITED

Company Official Title MANAGING MEMBER

Subscribed and sworn before me this 2nd day of Aug., 20 19

Opndott Notary Public

My commission expires Aug 7, 2019

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Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH 5.5

Lime 1-2 Tons/acre or to correct to pH 6.5

Fertilizer type 5-10-10

Fertilizer amount 500 lbs/acre

Mulch STRAW Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
		PASTURE MIX	200

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:

Danny Mullins

Comments:

Title:

006 Inspector

Date:

8-16-19

Field Reviewed?

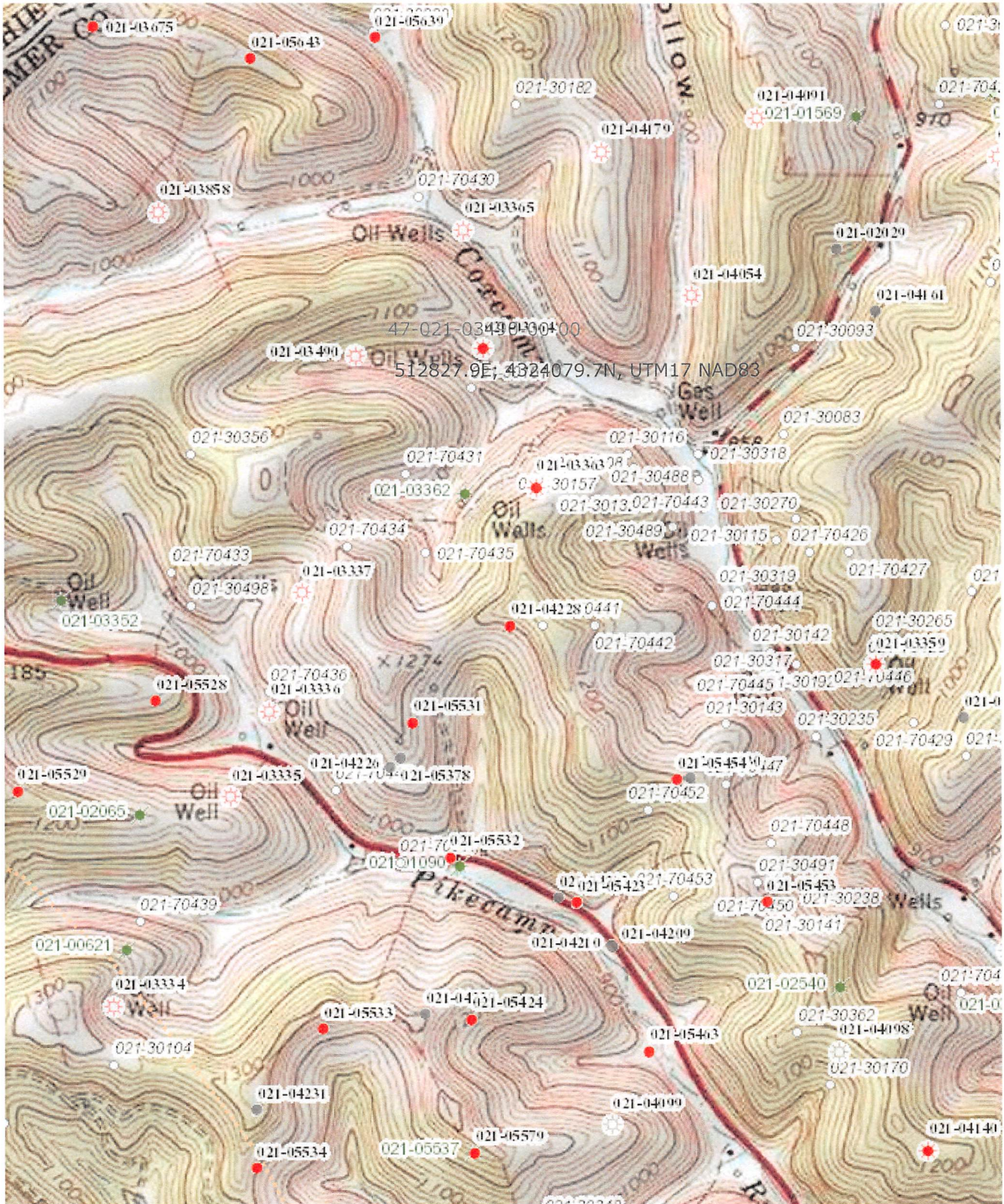
() Yes

(/) No

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47-021-03490P

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-021-03490 WELL NO.: #1
FARM NAME: PARR-STASEL
RESPONSIBLE PARTY NAME: PATCHWORK OIL & GAS, LC
COUNTY: GILMER DISTRICT: TROY
QUADRANGLE: HOLBROOK
SURFACE OWNER: MANLEY & SHARON ZINN
ROYALTY OWNER: MULTIPLE
UTM GPS NORTHING: 4324079.7
UTM GPS EASTING: 512827.9 GPS ELEVATION: 964

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

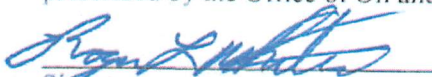
- 1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- 2. Accuracy to Datum – 3.05 meters
- 3. Data Collection Method:
Survey grade GPS : Post Processed Differential

Real-Time Differential

Mapping Grade GPS : Post Processed Differential
Real-Time Differential

- 4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.


Signature

MEMBER
Title

8/1/2019
Date

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