

#### 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

February 12, 2015

### WELL WORK PERMIT Re-Work

This permit, API Well Number: 47-1705442, issued to PROFESSIONAL OILFIELD SERVICES, 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: J. RICHARDS 5

Farm Name: TAYLOR, WALTER, ET AL

API Well Number: 47-1705442
Permit Type: Re-Work

Date Issued: 02/12/2015

### **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. <u>Failure to adhere to the specified permit conditions may result in enforcement action.</u>

#### **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 - 28 (Rev. 8/10)

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

CK	78	10
5	550	. 00

1) Well Operat	or Prof	fessional C	Diffield Services, In	nc  494461323	Doddridge	Cove	Auburn 7.5
		245-14-2-2-		Operator ID	County	District	Quadrangle
2) Operator's V	Vell Nun	nber: Jessi	e Richards #5		3) Elevation	815'	
4) Well Type (	a) Oil	or G	asX				
(	b) If Gas	: Produ	uctionX_ / Un	derground Sto	orage		
		Dee	p/ S	ShallowX_	-		
6) Proposed To 7) Approximate	otal Dep fresh w	th: 2 529 rater strat	Gordon Feet a depths: None None	Formation at	Proposed Ta Proposed Tot	rget Depth. al Depth: _G	2.454°
9) Approximate	coal se	am depth	s N.A				_
I0) Approximat	te void d	epths.(co	al. Karst, other):	None shown or	offset record		
1) Does land	contain o	coal seam	s tributary to ac	tive mine?	No		
e well will decide to I	oe put ) Drill	into prod the brid hich time	forate and frac form duction and ev dge plug and p e the bridge p ASING AND TUB	aluated. The roduce the f lug will be	ne bridge wi formations b drilled out	ll remain i elow, or 2)	in place unt
TYPE S	PECIFIC	CATIONS		FOOTAGE	INTERVALS	CEME	<u>NT</u>
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu	<u>Ft.)</u>
Conductor							
Fresh Water							
Coal		1	Existing -	See attached	Well	Reco	rd
Intermediate		1					
Production							
Tubing					· 1-36 16 12 12		
Liners						DEC	EIVED
Packers: Kind	L.	7	,				Oil and Gas
Size		Committee of the Commit					0.0015
Dep	ths Set		· · · · · · · · · · · · · · · · · · ·			FEB	9 2015

WR-35 Rev (5-01)

DATE: 12-28-09

API#: 47-1705442 - F

# State of West Virginia Department of Environmental Protection

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Department of I				The February 10
Опісе	of Oil and Ga	S		16N 10
Wall On auchan	da 10 ann ann a 633 d			Marsh
Well Operator	's Report of W	eli work		
Farm name: Taylor, Walter, et al	0		Tanala Diakania	( 4 d)
rain name. Taylor, wanter, et al	Оре	mo:	Jessie Richards	15
LOCATION: Elevation: 813'	Oma	drangle: <u>Aubur</u>	- 7 E2 224	
LOCATION. Elevation.	Qua	angie: <u>Waan</u>	11 7.5 2.24	
District: <u>Cove 2</u>	County:	Doddridge 1	7 .	
Latitude: 6670 Feet South of 39		Min24.4	Sec.	<del></del>
	Deg. 45	Min. 01.6	Sec.	
Company: Profesional Oilfield Services, Inc.				
	Casing &	Used in	Left in well	Cement fill
	Tubing	drilling		up Cu. Ft.
Address: 221 ½ S 6th St. PO Box 247	11 3/4"		220	140
Byesville, OH 43723	8 5/8"		1199'	365
Agent: Clinton Means /	4 1/2"		5170'	968
Inspector: David Scranage				-
Date Permit Issued: 9-26-07   10/13/09				
Date Well Work Commenced: 11-20-09	<u> </u>			
Date Well Work Completed: 11-20-09		<del></del>	1.	<del> </del>
Verbal Plugging: NA			<del>                                     </del>	
Date Permission granted on: NA			† ····	<del>                                     </del>
Rotary Cable Rig				
Total Depth (feet): 5318'		<del> </del>	<del> </del>	
Fresh Water Depth (ft.): 85'		<del></del>	<del>                                     </del>	
Fiesh Water Deptu (11.): 65	<del></del>	<del></del>	- <del> </del>	
Salt Water Depth (ft.): None	<del></del>	<del></del>	<del></del>	
Sait Water Depth (16): None	<del></del>	<del></del>		
Is coal being mined in area (N/Y)? No		<del> </del>	<del></del>	
Coal Depths (ft.): NA		<del> </del>	<del>                                     </del>	
Com Depuis (ic):ivx	1	1	1	•
OPEN FLOW DATA				
OFENTEOW DATA				
Producing formation <u>Alexander Sandsto</u>	nne Pay zon	a danth (A) 5	050, .	RECEIVED
Gas: Initial open flow 150 MCF/d Oil	· Initial coan	e gebai (11) 7	DEI/A	Office of Oil & Gas
	Final open flo		DD1/Q	DEO -
Time of open flow between initial and i			Bbl/d	DEC 3 0 2009
		_12Hou		WV Department of
Static rock Pressure 1800 psig (sur	iace pressure)	after 24	Hours Env	ironmental Protection
Conned and desired and the control of the control o	<b>T</b>			Totalian Floraction
Second producing formation Benson Sands				
	: Initial open		Bp1/q	
	Final open flo		bi/d	
Time of open flow between initial and f		12 Hou	rs	
Static rock Pressure 1800 psig (surf	face pressure)	after 24	Hours	
NOTE: ON BACK OF THIS FORM PUT THE I	OLLOWING:	1). DETAILS	OF PERFORAT	ED
INTERVALS, FRACTURING OR STIMULATIN	IG, PHYSICA	L CHANGE, I	TC. 2). THE W	ELL
LOG WHICH IS A SYSTEMATIC DETAILED		L RECORD O	F ALL FORMAT	MONS,
INCLUDING COAL ENCOUNTERED BY THE	WELLBORE.			
Simod				
Signed:	min h	<del></del>		
By: David K.  Date: /2-28-	O 9	· · · · · · · · · · · · · · · · · · ·		

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Fig. 13 (48), In a community of the problem of the configuration of the

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Omende y Messes				
Operator Name:	Professional Oilfield	Services, Inc.		
API#	47-1705442		·	
Well Name:	Jessie Richards #5			·
Formation Intervals:	Salt Sand	1576' – 1617'		
	Big Injun Sandstone		• .	
	Weir Sandstone	2040' - 2085'	•	
	Berea Sandstone	2235' – 2243'		
****	Gordon Sandstone	24402-2454		
	Warren Sandstone	30.72! - 3103'		
•	Speechley Sandstone Riley Sandstone	4254' - 4283'		•
	Benson Sandstone	4679' - 4690'		
· · · · · · · · · · · · · · · · · · ·	Alexander Sandstone			
Perforated Intervals:	Stage 1 4940 -	.4944"Q shots 4	956 - 4962 13 shots	4022 - 4024 5 6
		1711 7 0HOW, 7		N TJUG - TJUT JE
	4996-	5004 17 shots,	5048 - 5058 21 sho	ts
	4996 –	5004 17 shots,	5048 - 5058 21 sho	ts
	4996 – Stage 2 4475 –	5004 17 shots, 4480 11 shots,	5048 - 5058 21 sho 4494 - 4498 9 shots	ts , 4680 – 4684 9 s
	4996 – Stage 2 4475 –	5004 17 shots, 4480 11 shots,	5048 - 5058 21 sho	ts , 4680 – 4684 9 s
	4996 – Stage 2 4475 – 4795 –	5004 17 shots, 4480 11 shots, 4801 13 shots,	5048 – 5058 21 sho 4494 – 4498 9 shots 4806 – 4814 17 sho	ts , 4680 – 4684 9 s ts
	4996 – Stage 2 4475 – 4795 – Stage 3 3757 –	5004 17 shots, 4480 11 shots, 4801 13 shots, 3760 7 shots, 3	5048 - 5058 21 sho 4494 - 4498 9 shots 4806 - 4814 17 sho 766 - 3770 7 shots,	ts , 4680 – 4684 9 s ts 3790 – 3794 9 sh
	4996 – Stage 2 4475 – 4795 – Stage 3 3757 – 3832 –	5004 17 shots, 4480 11 shots, 4801 13 shots, 3760 7 shots, 3 3836 9 shots, 3	5048 - 5058 21 sho 4494 - 4498 9 shots 4806 - 4814 17 sho 766 - 3770 7 shots, 842 - 3844 5 shots,	ts 3, 4680 — 4684 9 s 4680 — 4684 9 s 4680 — 3794 9 s 4680 — 4684 9 s
	4996 – Stage 2 4475 – 4795 – Stage 3 3757 – 3832 –	5004 17 shots, 4480 11 shots, 4801 13 shots, 3760 7 shots, 3 3836 9 shots, 3	5048 - 5058 21 sho 4494 - 4498 9 shots 4806 - 4814 17 sho 766 - 3770 7 shots,	ts 3, 4680 — 4684 9 s 4680 — 4684 9 s 4680 — 3794 9 s 4680 — 4684 9 s
	4996 – Stage 2 4475 – 4795 – Stage 3 3757 – 3832 –	5004 17 shots, 4480 11 shots, 4801 13 shots, 3760 7 shots, 3 3836 9 shots, 3	5048 - 5058 21 sho 4494 - 4498 9 shots 4806 - 4814 17 sho 766 - 3770 7 shots, 842 - 3844 5 shots,	ts 3, 4680 — 4684 9 s 4680 — 4684 9 s 4680 — 3794 9 s 4680 — 4684 9 s
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	4996 Stage 2	5004 17 shots, 4480 11 shots, 4801 13 shots, 3760 7 shots, 3 3836 9 shots, 3 4268 17 shots, Stage 1	5048 - 5058 21 sho 4494 - 4498 9 shots 4806 - 4814 17 sho 766 - 3770 7 shots, 842 - 3844 5 shots, 4276 - 4284 17 sho Stage 2 2521 PSI	ts  3, 4680 – 4684 9 s  ts  3790 – 3794 9 sh  3854 – 3856 5 sh  ts  Stage 3  3598 PSI
	4996 Stage 2	5004 17 shots, 4480 11 shots, 4801 13 shots, 3760 7 shots, 3 3836 9 shots, 3 4268 17 shots, Stage 1 2810 PSI 3189 PSI	5048 - 5058 21 sho 4494 - 4498 9 shots 4806 - 4814 17 sho 766 - 3770 7 shots, 842 - 3844 5 shots, 4276 - 4284 17 sho Stage 2 2521 PSI 2673 PSI	ts, 4680 – 4684 9 s ts 3790 – 3794 9 sh 3854 – 3856 5 sh ts Stage 3 3598 PSI 2753 PSI
	4996 Stage 2	5004 17 shots, 4480 11 shots, 4801 13 shots, 3760 7 shots, 3 3836 9 shots, 3 4268 17 shots, Stage 1 2810 PSI 3189 PSI 2000 PSI	5048 - 5058 21 sho 4494 - 4498 9 shots 4806 - 4814 17 sho 766 - 3770 7 shots, 842 - 3844 5 shots, 4276 - 4284 17 sho Stage 2 2521 PSI 2673 PSI 2136 PSI	ts  3, 4680 – 4684 9 s  ts  3790 – 3794 9 sh  3854 – 3856 5 sh  ts  Stage 3  3598 PSI  2753 PSI  1777 PSI
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	Stage 2 4475 4795 Stage 3 3757 3832 4260  Breakdown Pressure: Average Pressure: Instant Shut-In: Average Rate: Total 15% HCL:	5004 17 shots, 4480 11 shots, 4801 13 shots, 3760 7 shots, 3 3836 9 shots, 3 4268 17 shots, Stage 1 2810 PSI 3189 PSI 2000 PSI 15.2 BPM 500 gallons	5048 - 5058 21 sho 4494 - 4498 9 shots 4806 - 4814 17 sho 766 - 3770 7 shots, 842 - 3844 5 shots, 4276 - 4284 17 sho  Stage 2  2521 PSI 2673 PSI 2136 PSI 13.5 BPM 1500 gailons	ts, 4680 – 4684 9 s ts 3790 – 3794 9 sh 3854 – 3856 5 sh ts Stage 3 3598 PSI 2753 PSI 1777 PSI 13.4 BPM NA
	Stage 2 4475 4795 Stage 3 3757 3832 4260  Breakdown Pressure: Average Pressure: Instant Shut-In: Average Rate: Total 15% HCL: Total Water;	5004 17 shots, 4480 11 shots, 4801 13 shots, 3760 7 shots, 3 3836 9 shots, 3 4268 17 shots, Stage 1 2810 PSI 3189 PSI 2000 PSI 15.2 BPM 500 gallons 266 BBL	5048 - 5058 21 sho 4494 - 4498 9 shots 4806 - 4814 17 sho 766 - 3770 7 shots, 842 - 3844 5 shots, 4276 - 4284 17 sho  Stage 2  2521 PSI 2673 PSI 2136 PSI 13.5 BPM 1500 gallons 320 gallons	s, 4680 – 4684 9 s ts 3790 – 3794 9 sh 3854 – 3856 5 sh ts Stage 3 3598 PSI 2753 PSI 1777 PSI 13.4 BPM NA 232 gallons
	Stage 2 4475 4795 Stage 3 3757 3832 4260  Breakdown Pressure: Average Pressure: Instant Shut-In: Average Rate: Total 15% HCL: Total Water; Total Nitrogen:	5004 17 shots, 4480 11 shots, 4801 13 shots, 3760 7 shots, 3 3836 9 shots, 3 4268 17 shots, Stage 1 2810 PSI 3189 PSI 2000 PSI 15.2 BPM 500 gallons	5048 - 5058 21 sho  4494 - 4498 9 shots  4806 - 4814 17 sho  766 - 3770 7 shots,  842 - 3844 5 shots,  4276 - 4284 17 sho  Stage 2  2521 PSI 2673 PSI 2136 PSI 13.5 BPM 1500 gallons 320 gallons 356,000 SCF	s, 4680 – 4684 9 s ts 3790 – 3794 9 sh 3854 – 3856 5 sh ts Stage 3 3598 PSI 2753 PSI 1777 PSI 13.4 BPM NA 232 gallons 242,000 SC
	Stage 2 4475 4795 Stage 3 3757 3832 4260  Breakdown Pressure: Average Pressure: Instant Shut-In: Average Rate: Total 15% HCL: Total Water;	5004 17 shots, 4480 11 shots, 4801 13 shots, 3760 7 shots, 3 3836 9 shots, 3 4268 17 shots, Stage 1 2810 PSI 3189 PSI 2000 PSI 15.2 BPM 500 gallons 266 BBL 385,000 SCF	5048 - 5058 21 sho 4494 - 4498 9 shots 4806 - 4814 17 sho 766 - 3770 7 shots, 842 - 3844 5 shots, 4276 - 4284 17 sho  Stage 2  2521 PSI 2673 PSI 2136 PSI 13.5 BPM 1500 gallons 320 gallons	s, 4680 – 4684 9 s ts 3790 – 3794 9 she 3854 – 3856 5 she ts Stage 3 3598 PSI 2753 PSI 1777 PSI 13.4 BPM

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Received

02/13/2015

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Office of Oil & Gas

Office of Oil & Gas

DEC 08 2014

WW-2A (Rev. 6-1	<b>4</b> )		1). Date:				
(1/64. 0-1	<del>-1</del> )		2.) Opera	ator's Well	Number State	<u>Jessie</u> County	Richards #5 Permit
			3.) API V	Vell No.:	47	017	5442
		STATE OF	WEST VIRG	INIA			
	DEP	ARTMENT OF ENVIRONMENTA NOTICE AND APPLICATION					BAS
4) Surfac	ce Ow	ner(s) to be served: 5	) (a) Coal Ope	rator			
(a) Na		Waneta Langford et al. c/o Mag	Name	None			
Àddre		6580 Elizabeth Pike	Address				
		Elizabeth, WV 26143					
(b) Na			(b) Coal Ow	vner(s) with	n Declara	tion	
Addre	ess		Name	None			
		, <del></del>	Address				
(a) No	mo		Name				
(c) Na Addre			Address				
Addie	333		Address				
6) Inspec	tor	Douglas Newlon	(c) Coal Les	see with D	Declaratio	n	
Addres		4060 Dutchman Road	Name	N. Constant			
		Macfarlan, WV 26148	Address				
Teleph	none	304-932-8049					
		TO THE PERSONS NAMI					
	ed is th	ne lease or leases or other continuing co	ontract or contrac	cts by which	n I hold the	right to extr	act oil and gas
OR V Includ	ad in th	ne information required by Chapter 22, A	Atiolo 6 Section	R(d) of the	Codo of M	Jost Virginia	(see page 2)
		that as required under Chapter 22, F					
		ation plat, and accompanying document					
TO BUT WAS BOUNDED OF		Personal Service (Affidavit attache				× 0 • • • • • • • •	
		X Certified Mail (Postmarked postal		)			
7.6		Publication (Notice of Publication			La Laura		
		ad and understand Chapter 22-6 and 3 application.	5 CSR 4, and I	agree to ti	ne terms a	and condition	is of any permit
		under penalty of law that I have person	ally examined a	nd am fam	iliar with th	ne informatio	n submitted on
this applic	ation f	orm and all attachments, and that base	ed on my inquiry	of those in	ndividuals		
obtaining t	the info	ormation, I believe that the information is	true, accurate a	and complet	e.	9	uri è r
		are that there are significant penalties fo	or submitting fais	se information	on, incluali	ng the possii	ollity of fine and
imprisonm	ent.	Well Operator	Professional C	Dilfield Se	rvices. In	nc.	
	X !	JOHN A SUHAR By:	£	RL			
		Notary Public Its:	residen				
	*		221 1/2 S. 6th		.O. Box 2	247	
2 (40)		November 06, 2018 Telephone:	Byesville, OH	43723			
	O. s. s. s.	Email: 0	740-685-5168 DilWell@netsc	cane com			
Subscribe	d and s	sworn before me this 26 day of	Novemb			2014	Received

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 a 02/13/2015 depprivacyofficer@wv.gov

My Commission Expires
Oil and Gas Privacy Notice

Notary Public

#### SURFACE OWNER WAIVER

County	Doddridge	Operator	Professional Oilfield Services, Inc.
		Operator well number	Jessie Richards #5
		•	

#### 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 57<sup>th</sup> 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 dequate 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.

<u>Comments must be in writing.</u> 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.

<u>List of Water Testing Laboratories.</u> 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 F orm 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 PI	ERSON	FOR EX	ECUTION BY A CORPO	DRATION, ETC.
Marie Thomas Signature	Date	Company Name By		
Marie Thomas	<u> </u>	Its		Date
Print Name				
T THIS TRAINS	Received	Sigi	nature	Date
	Office of Oil & Ga	15		

DEC 08 2014

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  Print your name and address on the reverse so that we can return the card to you.  Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature  X
1. Article Addressed to:  WANETA LANGFORD ET AL  C/O MARIE THOMAS  6580 ELIZABETH PIKE	If YES, enter delivery address below: □ No
RECEIVED OCT 0 3 2014	3. Service Type  ☐ Certified Mail® ☐ Priority Mail Express™ ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ Collect on Delivery
	Restricted Delivery? (Extra Fee)     Yes
2. Article Number 7013 171	0 0001 2970 3062

Received

Office of Oil and Gas Protection

Office of Oil and Gas Protection

Operator's Well Number Jessie Richards #5

#### 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:

Gra	ntor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
	Walter Taylor, et al	Triangle Oil Co.	1/8th	74/504
				74/103
				75/1
_				74/239
				74/100
	Triangle Oil Co.	Professional Oilfield Services, Inc.	W.I.	By Assignment
		(David R. Hill, Inc.)		194/277

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

The permit app licant for the proposed well work addressed in this application he reby a cknowledges 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

Received Office of Oil & Gas

DEC 0 8 2014

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 ac quired from the appr opriate aut hority before the affected activity is initiated.

Well Operator:

By:Its:

Professional Oilfield Services, Inc.

, R 1

David R. Hill, President

WW-9 (5/13)

Pa	age of
API Number 47 - 017	- 5442
Operator's Well No.	Jessie Richards #5

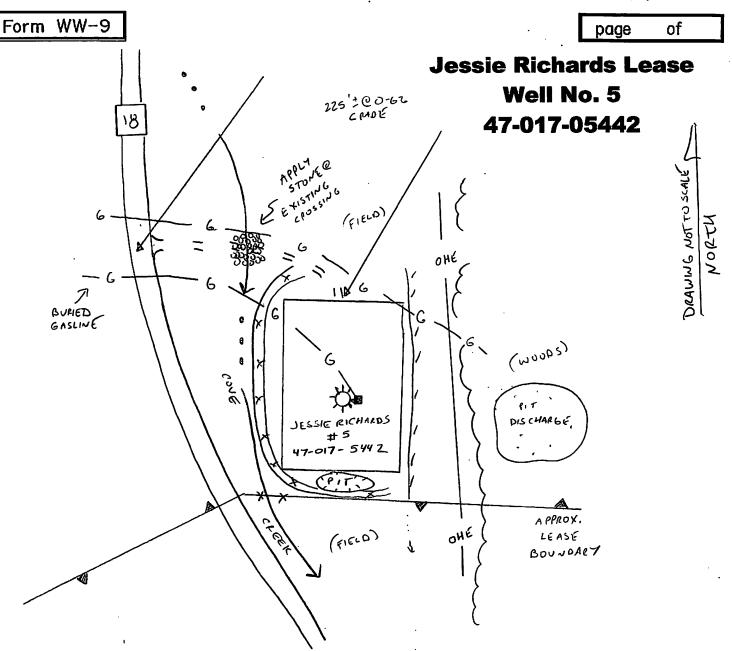
## STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

#### FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Professional Oilfield Services, Inc. OP Code 49446132	23		
Watershed (HUC 10) Cove Creek Quadrangle Auburn 7.5'			
Elevation 815' County Doddridge District Cove			
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes Will a pit be used for drill cuttings? Yes NoX			
If so, please describe anticipated pit waste:			1
Will a synthetic liner be used in the pit? Yes NoX If so, what ml.?		_ (	)6 N 2014
Proposed Disposal Method For Treated Pit Wastes:		11	0-30-2014
Land Application Underground Injection ( UIC Permit Number 34-059-4067-00-00 - Ohio Reuse (at API Number		50	
Off Site Disposal (Supply form WW-9 for disposal location) Other (Explain	Any	WELL	EFFLUENT
Will closed loop system be used?		FOSE N	CONTAINED S UNTIL OF PROPERTY
Drilling medium anticipated for this well? Air, freshwater, oil based, etc			2 Non
-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			<b>-</b>
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust)			<del></del>
-Landfill or offsite name/permit number?			-
I certify that I understand and agree to the terms and conditions of the GENERAL WATER PC on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Proprovisions of the permit are enforceable by law. Violations of any term or condition of the general polaw or regulation can lead to enforcement action.  I certify under penalty of law that I have personally examined and am familiar with the in application form and all attachments thereto and that, based on my inquiry of those individuals obtaining the information, I believe that the information is true, accurate, and complete. I am away penalties for submitting false information, including the possibility of fine or imprisonment.	tection. I ermit and/ nformation immediate	understand to or other apports submitted ely responsi	that the blicable on this ble for
Company Official Signature		Receiv	ed
Company Official (Typed Name)—Glinton Means David R. Hill	Offic	ce of Oi	! & Gas
Company Official Title — Designated Agent — President		OFC 08	2014
Subscribed and sworn before me this 26 day of November ARIAL Str. 14  Notary Debric  My commission expires 11-6-2018	In and		blic te of Ohio 1∰/2015

		LEGEND	
Property Boundary		Diversion (4:24/41:11/1/	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Road = = = =	= = = = =	Spring -	
Existing Fence — X	× ×	Wet Spot	
Planned Fence/	_/_/_	Drain Pipe with size in inches	@ <b>_</b>
Stream	7. 7	→ Waterway ← ← ←	$\Rightarrow \Leftrightarrow \Leftrightarrow \Leftrightarrow$
Open Ditch	→	Cross Drain	1111111111
Rock 685888	_	Artificial Filter Strip XXXX	CXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
North N		Pit: cut walls	
Buildings		Pit: compacted fill walls	Will the same of t
Water wells	1.	Area for Land Application of Pit	Waste
Drill site		6==	
Proposed Revegetation Trea	tment: Acres Disturbed	± Prevegetation pH	
Lime 3	Tons/acre or to correct	t to pH 6.5	
Fartilizar (10-20-20	or equivalent) 1/3 TON	lbs/acre (500 lbs minimum)	
r Crimizer (10-20-20	or equivalent) 1/3 101v	ios/acre (500 ios minimum)	
Mulch_ HAY	2	Tons/acre	
		Seed Mixtures	
	rea I	Area	II
Seed Type	lbs/acre	Seed Type	lbs/acre
KY-31	40	ORCHARD GRASS	15
ALSIKE CLOVER	5	ALSIKE CLOVER	5
ANNUAL RYE	15		
Attach: Drawing(s) of road, location Photocopied section of invol		nd application.	
Plan Approved by: Do	ngles Newlo-		
Comments: 145tall	Ets To W.	v Dop regulations	
Title: Oil + bas Field Reviewed? (	inspector ) Yes	Date: 10 ~ 30 ~ 2014	

	LEGEND
Property Boundary	Diversion (2011)
Road = = = = = = = = = = = = = = = = = = =	Spring O
Existing Fence — X — X — X -	Wet Spot 💍
Planned Fence / / /	
Stream	Waterway $\longleftrightarrow$
Open Ditch	-
Rock #355	Artificial Filter Strip
North N	Pit: cut walls
Buildings	Pit: compacted fill walls
Water wells  Drill site	Area for Land Application of Pit Wage
roposed Revegetation Treatment: Acres Disturbe	ed 1 ± Prevegetation pH
Lime3 Tons/acre or to	correct to pH 6.5
Fertilizer (10-20-20 or equivalent) 1/3	10N ibs/acre (500 ibs minimum)
Mulch HAY	2Tons/acre
	Seed Mixtures
Area I	Area II
Seed Type lbs/acre	Seed Type lbs/acre
KY-31 40	ORCHARD GRASS 15
ALSIKE CLOVER 5	ALSIKE CLOVER 5
ANNUAL RYE 15	
Attach:  Drawing(s) of road, location, pit and proposed area  hotocopied section of involved 7.5' topographic s	·•



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WY D.E.P. CIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WY D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS(TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. CIL AND GAS BMP MANUAL. FIELD CONDITIONS(ROCK CUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

Office of Oil & Gas, DEC 0 8 2014



Phone (304) 462-5634 Fax 462-5656 email: sls@rtol.net

10/1/14

DRAWN BY C. P.M. DATE 8/25/09 FILE NO. 6073

