



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, 2014

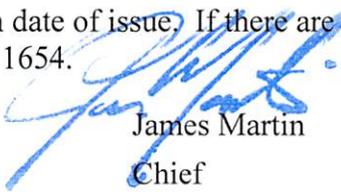
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-9500621, issued to TRIAD HUNTER, LLC, 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.

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. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.


James Martin
Chief

Operator's Well No: FR WELLS #5
Farm Name: ZIEGLER, THEODORE & KATHLJ
API Well Number: 47-9500621
Permit Type: Plugging
Date Issued: 02/12/2014

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.

9500621A

WW-4B
Rev. 2/01

1) Date January 9, 2014
2) Operator's
Well No. F.R. Wells # 5
3) API Well No. 47-095 - 00621

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 / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production or Underground storage ___) Deep ___ / Shallow

5) Location: Elevation 711' GL (Plat) 713' (GPS) Watershed Cow Run Hollow
District Lincoln 03 County Tyler 95 Quadrangle New Matamoras 510

6) Well Operator Triad Hunter, LLC 7) Designated Agent Kimberly Arnold
Address 125 Putnam Street Address P.O. Box 154
Marietta, Ohio 45750 Waverly, WV 26184

8) Oil and Gas Inspector to be notified Name Joe Taylor
Address 1478 Claylick Road
Ripley, WV 25271
9) Plugging Contractor Name N/A
Address _____

10) Work Order: The work order for the manner of plugging this well is as follows:

(SEE ATTACHMENT)

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

Work order approved by inspector _____



Date _____

RECEIVED
Office of Oil & Gas
1-13-14
JAN 31 2014

WV Department of
Environmental Protection

PLUGGING ATTACHMENT

F.R. Wells # 5 (P# 47-095-00621)

Lincoln District, Tyler County

- 1.) MIRU service rig, pull tubing rods and pump OOH, check total depth.
- 2.) Run 2 3/8" tubing in hole to total depth. *OF ≈ 1377'*
- 3.) Mix / Pump 50 – 75 sacks Class A Cement and displace cement through the tubing into the shot hole. Pull tubing OOH and shut down overnight to let the cement set up.
- 4.) RIH with Gr/CCL/Caliper tool; find the top of the cement plug and determine the total depth and the I.D. size of the surface casing. *CUT 5" CASING AT 1200' & POOL. # GEL HOLE.*
- 5.) Run 2 3/8" tubing in hole; mix additional Class A Cement in *Direct drill tubing up to 200 feet. - AND CEMENT FROM 800-700'.*
- 6.) *TRIP TUBING TO 200' AND CEMENT WITH CLASS A CEMENT FROM 200' TO SURFACE*
- 7.) Pull tubing OOH and top load the surface casing with Class A Cement to ground level.
- 8.) Weld a three foot monument pipe on to the surface casing, fill the monument pipe with cement, and attach an identification plate containing the permit number of the well on the monument pipe.
- 9.) RDMO service rig and remove all surface production equipment from location.
- 10.) Haul fluids from pit, remove pit liner, and fill in pit with dirt.
- 11.) Reclaim location and lease road.

*JMM
2/12/2014*

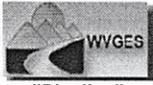
5 a) CHECK CEMENT TOP AFTER 4 HOURS.

5 b) TRIP TUBING TO 200' AND CEMENT WITH CLASS A CEMENT FROM 200' TO SURFACE.

*[Signature]
1-15-14*

RECEIVED
Office of Oil and Gas
JAN 31 2014
WV Department of
Environmental Protection

95 00621P



Select County: (095) Tyler Select datatypes: (Check All)

Enter Permit #: 0621 Location Production Plugging

Owner/Completion Stratigraphy Sample

Pay/ShowWater Logs Btm Hole Loc

Table Descriptions
 County Code Translations
 Permit Numbering Series
 Usage Notes
 Contact Information
 Disclaimer
 WVGES Main
 "Pipeline-Plus" New

WV Geological & Economic Survey:

Well: County = 95 Permit = 0621

Report Time: Tuesday, October 01, 2013 8:08:51 AM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4709500621	Tyler	621	Union	New Matamoras	New Matamoras	39.549766	-81.010132	499129.5	4377787.6

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR	PROP_VD	PROP_TRGT_FM
4709500621	-/-		Original Loc	Completed	F R Wells 5					Pennzoil Company		

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	G_BEF	G_AFT	O_BEF	O_AFT	P
4709500621	-/-	-/-			Sistersville			Development Well	Development Well	Oil	unknown	unknown				0	0	0	0	0

There is no Pay data for this well

Production Gas Information:

API	OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4709500621	Gedco Oil & Gas Joint Venture	1999	21	0	0	0	0	0	0	0	0	0	0	21	0
4709500621	Triad Resources, Inc.	2000	2,602	633	358	220	290	571	239	11	39	60	62	69	50
4709500621	Triad Resources, Inc.	2001	965	6	8	56	107	48	68	50	83	87	83	161	208
4709500621	Triad Resources, Inc.	2002	1,137	27	91	49	46	152	100	134	111	101	58	47	221
4709500621	Triad Resources, Inc.	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500621	Triad Resources, Inc.	2004	516	0	47	92	108	51	33	8	1	0	91	85	0
4709500621	Triad Resources, Inc.	2005	358	85	57	8	10	34	82	17	0	0	0	0	65
4709500621	Triad Resources, Inc.	2006	431	58	43	51	27	47	46	52	36	12	59	0	0
4709500621	Triad Resources, Inc.	2007	245	47	40	37	4	7	41	53	10	3	3	0	0
4709500621	Triad Resources, Inc.	2008	195	0	3	3	0	0	22	50	28	20	22	47	0
4709500621	Triad Resources, Inc.	2009	217	8	21	21	27	45	9	36	0	0	46	4	0
4709500621	Triad Hunter LLC	2010	368	26	16	25	28	42	45	41	46	34	32	33	0
4709500621	Triad Hunter LLC	2011	338	5	7	26	38	43	41	42	13	37	44	42	0
4709500621	Triad Hunter LLC	2012	408	29	21	29	35	24	44	0	43	48	55	42	38

Production Oil Information:

API	OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4709500621	Gedco Oil & Gas Joint Venture	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500621	Triad Resources, Inc.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500621	Triad Resources, Inc.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500621	Triad Resources, Inc.	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500621	Triad Resources, Inc.	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500621	Triad Resources, Inc.	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500621	Triad Resources, Inc.	2005	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500621	Triad Resources, Inc.	2006	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500621	Triad Resources, Inc.	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500621	Triad Resources, Inc.	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500621	Triad Resources, Inc.	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500621	Triad Hunter LLC	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500621	Triad Hunter LLC	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4709500621	Triad Hunter LLC	2012	0	0	0	0	0	0	0	0	0	0	0	0	0

There is no Stratigraphy data for this well

There is no Wireline (E-Log) data for this well

There is no Plugging data for this well

There is no Sample data for this well

NO oil production
1 ± MCF/D GAS Production

RECEIVED
 Office of Oil and Gas
 JAN 31 2014
 WV Department of
 Environmental Protection

9500621F
 PROVIDED BY O&G

Well No. **2109**
 NAME **WELLS F. R. (O&G)**

6102-6103
 LEASE NO. **2109** ACRES **478** N. S. E. W. DISTRICT **PINE GROVE**

Name of Tool **LIN**
 by **TYLER**
 W.V.A.
 Date **FEB 1, 1893**
 Made From **Victor O & S. Co.***
 Purchased
 Connected
 To
 Sold
 Plugged
 Abandoned
Exp. 7/11/11
1/2 gal from Carbon Oil Co 1-1-11

CASING AND TUBING			
Size	Put in Well	Left in Well	Pulled
In. Casing			
In. Casing	200		200
In. Casing			
In. Casing			
In. Casing	1142		
In. Casing			
In. Casing	1377		
In. Casing			
In. Tubing	1505		
In. Tubing			
In. Tubing			

SHOOTING					
Date	Qty.	Kind	Depth	Remarks	Other
16/1894	20				
11/197	40				

RECORD						
Elevation at Mouth of Well						
Formation	Top	Bottom	Thickness	Oil at	Gas at	Water at
Pittsburgh Coal						
Red Rock Cave						
Cow Run (First)						
Cow Run (Second)						
Salt Sand (Upper)						
Salt Sand (Middle)						
Salt Sand (Lower)						
Mazon						
Little Lime						
Penell Cave						
Big Lime						
Keener Sand						
Injun Sand	1471					
Squaw Sand						
Weir Sand						
Berea Sand						
Gantz Sand						
Fifty Foot Sand						
Thirty Foot Sand						
Gordon Stray						
Gordon Sand						
Fourth Sand						
Fifth Sand						
Corniferous Lime						
Niagara Lime						
Cave						
Clayton						
Madison Sand						
Trenton						
Top of Sand	1525					

I Oil Production
 I Gas Flow

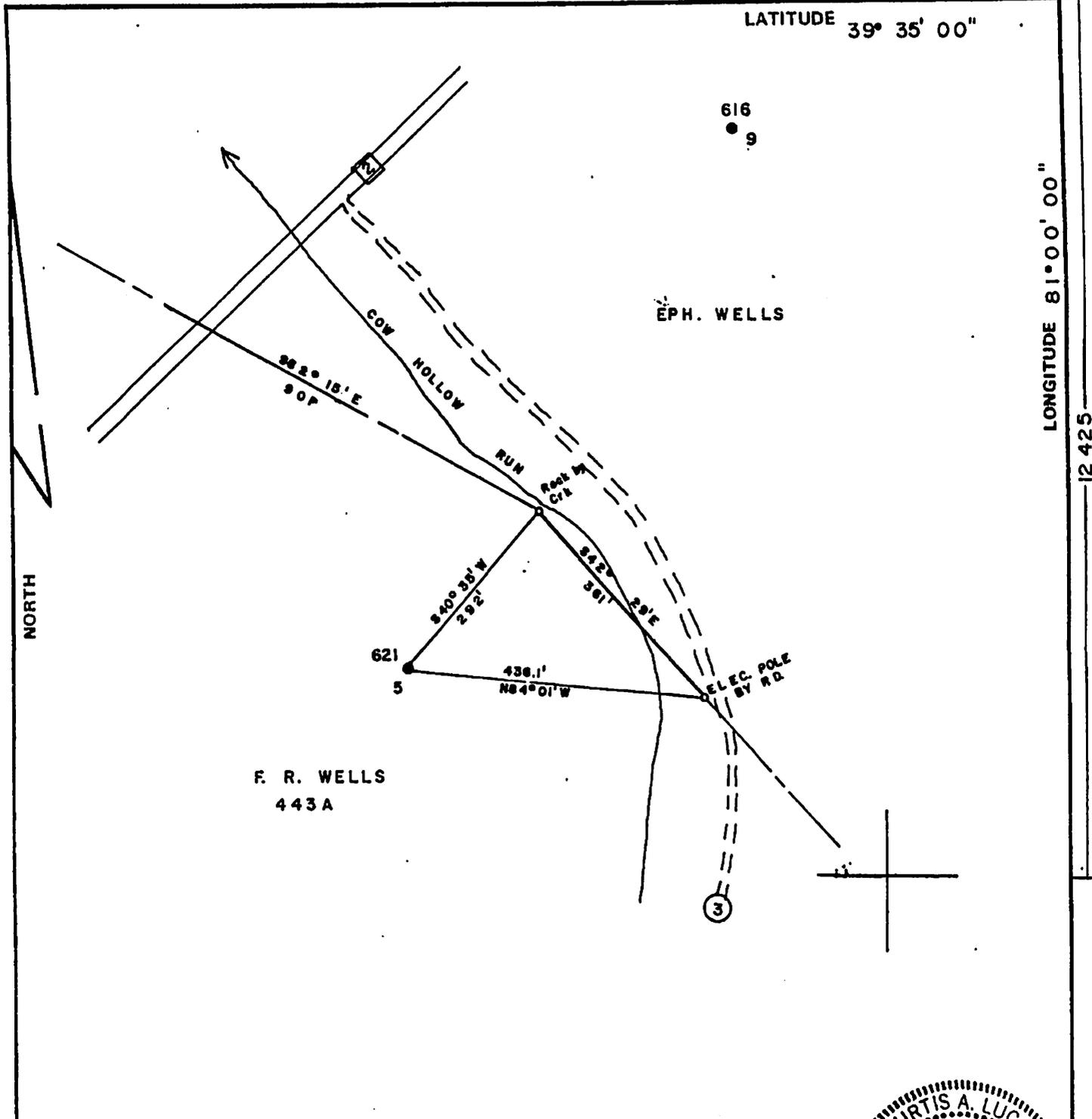
9500621P

2750'

LATITUDE 39° 35' 00"

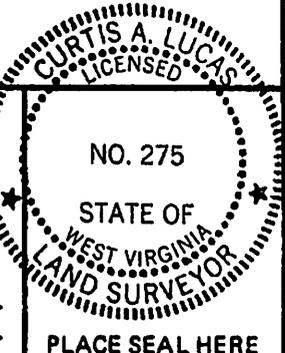
LONGITUDE 81° 00' 00"

12 425



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION PENNZOIL CO.
 RECORDS

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 MINES.
 (SIGNED) Curtis A. Lucas
 R.P.E. _____ L.L.S. 275



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE JAN 9, 19 91
 OPERATOR'S WELL NO. F. R. WELLS 5
 API WELL NO. 47 - 095 - 0621
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 711 WATER SHED COW HOLLOW RUN
 DISTRICT LINCOLN COUNTY TYLER
 QUADRANGLE NEW, MATAMORAS
 SURFACE OWNER MADELINE SHREVES ACREAGE _____
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____
 LEASE NO. _____
 PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG _____
 TARGET FORMATION BIG INJUN ESTIMATED DEPTH 1515'
 WELL OPERATOR WV DEPT OF ENERGY DESIGNATED AGENT Kim Lynch
 ADDRESS Triad Resources, PO Box 430 ADDRESS _____
 CHARLESTON WV Reno, Ohio Waverly WV

FORM IV-6 (8-78)
 H. T. HALL

1) Date: January 9, 2014
2) Operator's Well Number 1000
F.R. Wells # 5

9500621A
CK 29387

3) API Well No.: 47 - 095 - 00621

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>Theodore and Kathleen Ziegler</u>	Name <u>N/A</u>
Address <u>58 Cow House (Hollow) Road</u>	Address _____
<u>Sisterville, West Virginia 26175</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Joe Taylor</u>	(c) Coal Lessee with Declaration
Address <u>1478 Claylick Road</u>	Name <u>N/A</u>
<u>Ripley, WV 25271</u>	Address _____
Telephone <u>(304) 380-7469</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 Triad Hunter, LLC
 By: Rocky Roberts
 Its: Senior V.P. Appalachian Operations
 Address 125 Putnam Street
Marietta, Ohio 45750
 Telephone (740) 374-2940

RECEIVED
Office of Oil and Gas
JAN 31 2014

Subscribed and sworn before me this 10th day of January, 2014
Pamela K. Nicholson Notary Public
My Commission Expires 8-9-15

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 depprivacyoffier@wv.gov.

9500621P

WW-4A
Revised 6-07

1) Date: January 30, 2014
2) Operator's Well Number
F.R. Wells # 5

3) API Well No.: 47 - 095 - 00621

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>Charles S. and Patricia McPeck</u>	Name <u>N/A</u>
Address <u>48 Cow House (Hollow) Road</u>	Address _____
<u>Sistersville, W.V. 26175</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name <u>N/A</u>
Address _____	Address _____
_____	_____
6) Inspector <u>Joe Taylor</u>	(c) Coal Lessee with Declaration
Address <u>1478 Claylick Road</u>	Name <u>N/A</u>
<u>Ripley, W.V. 25271</u>	Address _____
Telephone <u>(304) 380-7469</u>	_____

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Well Operator Triad Hunter, LLC

By: Rocky Roberts

Its: Senior V.P. Appalachian Operations

Address 125 Putnam Street

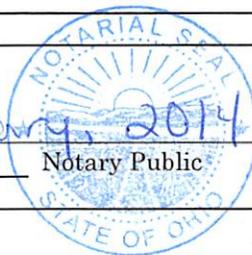
Marietta, Ohio 45750

Telephone (740) 374-2940

Subscribed and sworn before me this 3rd day of February, 2014

Elizabeth R. Tebay

My Commission Expires 2-29-16



ELIZABETH R. TEBAY
NOTARY PUBLIC
In and For The State of Ohio
My Commission Expires 2-29-16

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 depprivacyoffier@wv.gov.

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

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Triad Hunter, LLC OP Code _____

Watershed Cow Hollow Run Quadrangle New Matamoras

Elevation 711' GL (Plat) County Tyler District Lincoln

Description of anticipated Pit Waste: oil, saltwater, gel water

Will a synthetic liner be used in the pit? yes 20 MIL

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number UIC 2DO855151)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Proposed Work For Which Pit Will Be Used:

- Drilling
- Workover
- Other (Explain _____)
- Swabbing
- Plugging

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

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

Company Official Signature *Rocky Roberts*

Company Official (Typed Name) Rocky Roberts

Company Official Title Senioe V.P. Appalachian Operations

Subscribed and sworn before me this 10th day of January, 20 14

Pamela K. Nicholson

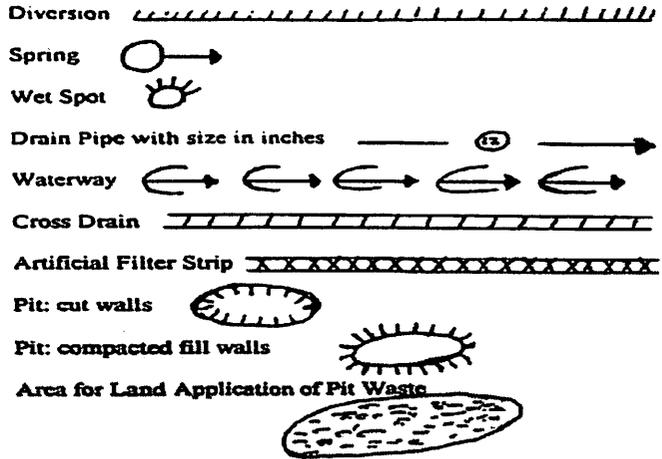
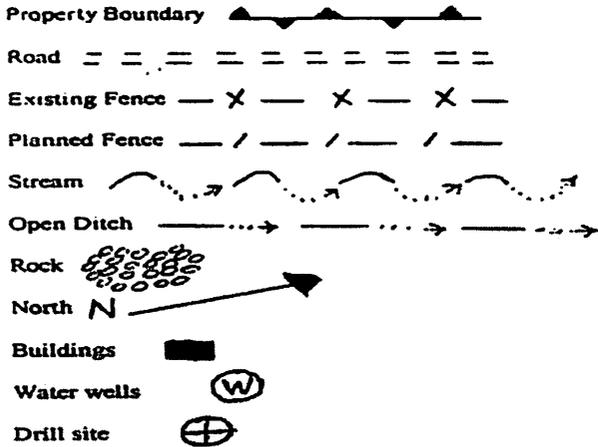


Notary Public
Pamela K. Nicholson, Notary Public
for and For The State of Ohio
My Commission Expires 8-9-15 2014

My commission expires 8-9-15

RECEIVED
Office of Oil and Gas
WV Department of Environmental Protection

LEGEND



Proposed Revegetation Treatment: Acres Disturbed One Acre +/- Prevegetation pH 5.5
 Lime Two (2) Tons/acre or to correct to pH 6.5
 Fertilizer (10-20-20 or equivalent) 600 lbs/acre (500 lbs minimum)
 Mulch 90 - 100 bales / acre Tons/acre

Seed Mixtures

Seed Type	Area I lbs/acre	Seed Type	Area II lbs/acre
Orchard Grass	30%		
Rye (Annual & BT)	35%		
Timothy (Climax)	25%		
Clover (Med. Red)	10%		

Attach:
 Drawing(s) of road, location, pit and proposed area for land application.
 Photocopied section of involved 7.5' topographic sheet.

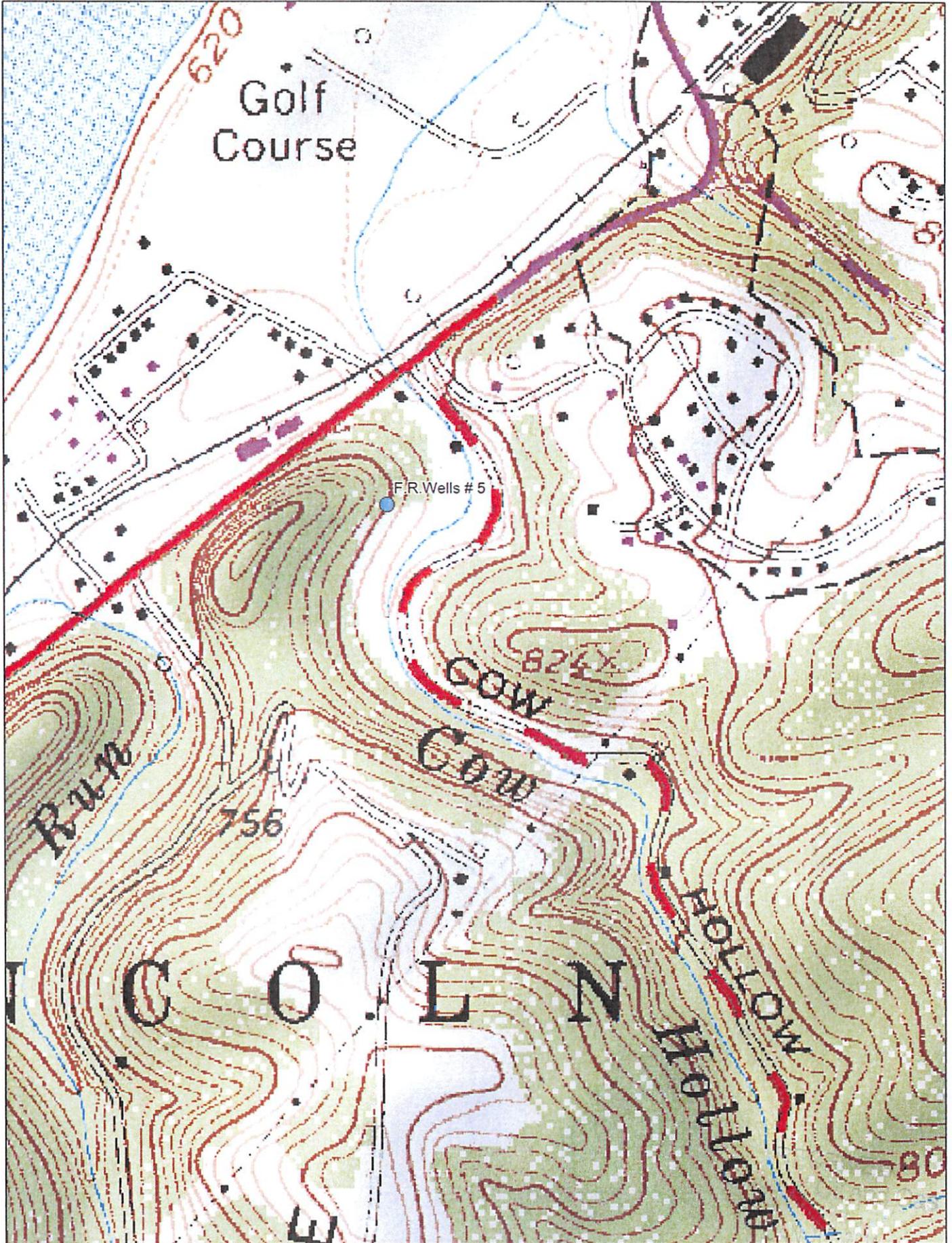
Plan Approved by:

Comments: _____

Title: 006 Inspector Date: 1-13-14

Field Reviewed? Yes No

Emerson Environmental Solutions



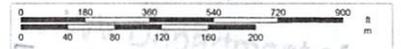
Data use subject to license.

© DeLorme. XMap® 7.

www.delorme.com



Scale 1 : 6,400



1" = 533.3 ft Data Zoom 15-0

Environmental Protection

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-095-00621 WELL NO.: F.R. Wells #5
FARM NAME: F.R. Wells
RESPONSIBLE PARTY NAME: Triad Hunter, LLC.
COUNTY: Tyler DISTRICT: Lincoln
QUADRANGLE: New Matamoras
SURFACE OWNER: Theodore & Kathleen Ziegler
ROYALTY OWNER: Unknown
UTM GPS NORTHING: 4377764.77520114
UTM GPS EASTING: 499175.187966799 GPS ELEVATION: 713'

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.

Bon Metzger
Signature

Geologist
Title

RECEIVED
Office of Oil and Gas
1/6/14
Date
WV Department of
Environmental Protection