

#### west virginia department of environmental protection

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

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

Monday, February 22, 2021 WELL WORK PLUGGING PERMIT Vertical Plugging

ALLIANCE PETROLEUM CO., LLC 101 MCQUISTON DRIVE JACKSON CENTER, PA 16133

Re: Permit approval for 12774 47-053-00300-00-00

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:

Farm Name: McKINNEY, R. M. U.S. WELL NUMBER: 47-053-00300-00-00

Vertical Plugging

Date Issued: 2/22/2021

## T

### **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.
- 4. This well is under a consent order and must be plugged within two years of the date of issuance of this permit.

WW-4B Rev. 2/01

1) Date January 26	,	2021	
2) Operator's			
Well No. 12774			
3) API Well No.	47 - 053	- 00300	

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

	APPLICATION FOR A PERM	MIT TO PLUG AND ABANDON
4)	Well Type: Oil/ Gas X/ Liquid	
	(If "Gas, Production $X$ or Uno	derground storage) Deep/ ShallowX
5)	Location: Elevation 815 ft	Watershed Right Fork of Little Mill Creek
91	District Cologne	County Mason Quadrangle Mt. Alto
6)	Well Operator Alliance Petroleum Company	7) Designated Agent Jeff Mast
	Address P.O. Box 6070	Address P.O. Box 6070
	Charleston, WV 25362	Charleston, WV 25362
8)	Oil and Gas Inspector to be notified Name Joe Taylor	9) Plugging Contractor  Name Diversified Production, LLC (In house rig)
	Address 1478 Claylick Road	Address 1951 Pleasant View Ridge Road
	Ripley, WV 25271	Ravenswood, WV 26164
10)	SEE	ner of plugging this well is as follows:
10)		ATTACHED
10)	SEE	ATTACHED
10)	SEE	ATTACHED  dell pers.
10)	SEE	ATTACHED  dell perfs.  RECEIVED Office of Oil and Gas

#### **PLUGGING PROGNOSIS**

API# 47-053-00300 West Virginia, Mason County 38.8220111171964, -81.8855392352672

Nearest Emergency Room: Jackson General Hospital, 122 Pinnell St, Ripley, WV 25271

#### Casing Schedule

Completion: Natural

Fresh Water: none recorded Gas Shows: Shale 3640'-3912' Coal: none recorded

Elevation: 819'

- 1. Notify Inspector, Joe Taylor @ 304-380-7469, 48 hours prior to commencing operations.
- 2. Check and record pressures on csg.
- 3. Check TD w/ wireline.
- 4. TIH w/ tbg to 3912'. Load well as needed w/ 6% bentonite gel. Pump 389' C1A cement plug from 3912'-3523' (Shale gas show and 7" csg st). Tag TOC. Top off as needed.
- 5. TOOH w/ tbg to 3523' and pump 6% bentonite gel from 3523'-819'. TOOH LD tbg.
- 6. Freepoint, cut and pull 7 5/8" csg. Set 100 C1A cement plug across cut. 50'in/out of cut. Do not omit any plugs listed below. Perforate as needed.
- 7. TIH w/ tbg to 819'. Pump 100' C1A cement plug from 819'-719' (Elevation).
- 8. TOOH w/ tbg to 719'. Pump 6% bentonite gel from 719'-100'.
- 9. TOOH w/ tbg to 100'. Pump 100' C1A cement plug from 100'-0' (Surface). TOOH LD tbg.
- 10. Erect monument with API#, date plugged, and company name.
- 11. Reclaim location and road to WV-DEP specifications.

SET 100' CLASS A CEMENT PLUC ACROSS CUT

RECEIVED

SET 100' CLASS A CEMENT PLUC ACROSS 103/4" CASING SHIRE OF OIL and Gas.

FEB 1 0 2021

JW im

//V Department of Environmental Protection

Je / 2-2-21

WUGES HAS WELL LOGS ON FILE.



Received

Static rock pressure\_

IV-35 (Rev 8-81)

DEC 2 7 1982

OIL AND GAS DIVISION WY DEPARTMENT OF MINES B.....

Bepartment of Mines Gil und Gas Bivision

Date		s	mber 23. 19	195
Well			12774	-
Farm	R.	M.	McKinney	

WELL OPERATOR'S REPORT

Water Committee			OF.			
DRILLING.	FRACTURING	AND/OR	STIMULATING,	OP	DUNCTORT	~
			DITTING,	UK	PHISICAL	CHANGE

DRILLING, FRACTURING AND/OR ST	PIMULATING, (	OR PHYSICA	L CHANGE		0.24
WELL TYPE: Oil / Gas X / Liquid Inject (If "Gas," Production X / Underc	rion_/Wasi	te Disposa ge/ Dee	al/ Sh		
	Right Fork of				
District: Cologne County Mas	son	Quadrangl	e Mt. Ali	to	
COMPANY Consolidated Cas Supply Corp.					irra
ADDRESS 445 W. Main St., Clarksburg, WV	Carrian	V2 1 !		Cement	1
DESIGNATED AGENT Thomas A. Kuhn	Casing Tubing	Used in	Left	fill up	-
ADDRESS 445 W. Main St., Clarksburg, WV		Drilling	in Well	Cu. ft.	
SURFACE OWNER R. M. McKinney	Size 29716/21 Cond. 10 3/1 13/10"		30	-	
ADDRESS 186 Crooked Creek Rd., Scott Depot, WV	10,3/4	30	30		
THE R. M. McKinney	19/5/8/	24/14	2/1/1/1	To surface	
ADDRESS 186 Crooked Creek Rd., Scott Depot, WV	8 5/8	250	250	To surface	
OIL AND GAS INSPECTOR FOR THIS WORK Kenneth			7 76 766	30.00	-
Putcher ADDRESS Barboursville, V 2550h	7 5/8 5 1/2	3573	3573	90 sks.	}
PERMIT ISSUED August 3, 1982					
DRILLING COMMENCED September 15, 1982	4 1/2				-
DRILLING COMPLETED October 21, 1982				-	4
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			-	
GEOLOGICAL TARGET FORMATION Brown Shale				-	RECEIVED
Ponth of and the termination	Zone II		h 3899	feet	Office of Oil and Gas
Water starts 7 11	Rotary X		Tools_		EED 1 A 2004
Coal seam depths: None	Salt_none _ Is coal b	feet	d in the	area a No	FEB 1 0 2021
OPEN FLOW DATA		- man	- 11. CIE	area: NO	WV Deparment of
Producing formation Shale					Environmental Protection
Gas: Initial open flow no test Mcf/d		zone depth		feet	
Winal come flan	Oil: Init			Bb1/d	•
	Fina	l open flo	W.	Bbl/d	a.
Time of open flow between ini- Static rock pressure 175 psig(surface			hou day	rs s-shut in	3
(If applicable due to multiple completion	1)		73002	a-amr Tu	₹ 2
Second producing formation		one depth		Face	٤.
Gas: Initial open flow Mcf/d		and the second second		feet	MASON 0300
Final open flow Mcf/d	Oil: Final			Bb1/d	3
Time of open flow between init	4-1 2 2	- ofer TTO	w	Bbl/d	0

psig(surface measurement) after

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
None

#### WELL LOG

		n	ELLI LLOS		
FORMATION COLO	R HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas	1 5
Red Rock Shale Red Rock Sand Shale Lime Sand Shale	Red Gray Red White Gray White White Gray Dark Gray Gray Brown White Dark Gray Brown Gray Brown Gray Brown	50 900 950 1000 1200 1100 1500 1900 1950 2200 2215 2225 3122 3166 3610	900 950 1000 1200 1400 1500 1700 1900 1950 2200 2215 2275 3422 3466 3640 3912		
Gamma Ra Brown Shale 76 Brown Shale 76	one III	31,22 3640	3466		RECEIVED Office of Oil and Gas
					FEB 1 0 2021  WV Department of Environmental Protection

(Attach separate sheets as necessary)

By: Becember 23, 1982

Consolidated Gas Supply Corp.

Well Operator

Manager of Production

By: Becember 23, 1982

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including that, encountered in the drilling of a well."



Select datatypes: (Check All) Select County: (053) Mason Production Plugging Enter Permit #: 000300 Owner/Completion Stratigraphy Sample Get Data Reset Pay/Show/Water Logs Btm Hole Loc

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

WV Geological & Economic Survey:

Well: County = 53 Permit = 000300

Report Time: Monday, February 22, 2021 10:20:26 AM

 Location Information:
 View Map

 API
 COUNTY PERMIT TAX\_DISTRICT QUAD\_75
 QUAD\_15
 LAT\_DD
 LON\_DD
 UTME
 UTMN

 4705300300 Mason
 300
 Cologne
 Mount Alto
 Ravenswood
 38.822011
 -81.885539
 423127.2
 4297397.7

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\_AT\_COMPLETION PROP\_VD PROP\_TRGT\_FM TFM\_EST\_PR 4705300300 10/21/1982 Original Loc Completed R M McKimney 12774 Consolidated Gas Supply Corp.

 
 Completion Information:
 In INITIAL CLASS FINAL CLASS TYPE RIG CMP\_MTHO TVD TMD NEW\_FTG KOD G\_BEF G\_AFT O\_BE
Development Well Development Well Gas Rotary Nat/Open H 3912 3912 118 0

API	PRODUCING OPERATOR	PRD_YEAR	ANN GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4705300300	Consolidated Gas Supply Corp.	1982	0	D	0	0	D	0.	0	0		0	0	0	0
705300300	Consolidated Gas Supply Corp.	1983	2,544	0	0	0	0	0	0	0	0	0	. 0	0	2,544
705300300	Consolidated Gas Transmission Corp.	1984	14,786	0	0	0	1,362			1,082	2,370				
705300300	Consolidated Gas Transmission Corp.	1985	16,106	1.094	1,108	1,256		1,628	1,434	1,426	1,378	1,560	1,434	1,584	782
705300300	Consolidated Gas Transmission Corp.	1986	1,446	0	0	0	414	1,032	0	0	0	0	0	0	0
705300300	Consolidated Gas Transmission Corp.	1987	0	D	0	0	0	0	0	0		0	0	0	
705300300	Consolidated Gas Transmission Corp.	1988	0	0	0	0	0	0	0	0		. 0	0	0	
705300300	Consolidated Gas Transmission Corp.	1989	0	0	0	0	0	0	0	0		0	0	0	
705300300	Consolidated Gas Transmission Corp.	1990	0	U	0	0	0	0	0	0	0	0	.0	0	
705300300	Consolidated Gas Transmission Corp.	1991	0	0	0	0	0	0	0	Ü	0	0	0	0	
705300300	Consolidated Gas Transmission Corp.	1992	1,140	136	133	0	0	0.	0	0	4	252	282	178	155
705300300	Consolidated Gas Transmission Corp.	1993	1,325	126	101	117	122	124	128	124	123	111	111	119	15
705300300	Consolidated Gas Transmission Corp.	1994	1,238	62	82	107	111	127	120	106	125	88	10	145	155
705300300	Consolidated Gas Transmission Corp.	1995	811	85	56	120	120	121	15	76	158	60	0	0	- 3
705300300	Consolidated Gas Transmission Corp.	1996	1,746	95	89	114	120	116	114	120	125	140	494	104	111
705300300	Consolidated Gas Transmission Corp	1997	1,036	105	108	134	135	114	45	72	48	87	112	76	
705300300	Consolidated Gas Transmission Corp.	1998	1,178	13	128	102	.99	108	111	109	96	102	117	107	8
705300300	Consolidated Gas Transmission Corp.	1999	1,191	87	81	93	107	106	106	108	108	104	101	97	93
705300300	Dominion Transmission, Inc.	2000	1,041	63	75	90	95	99	104	104	98	87	85	89	5
705300300	Dominion Transmission, Inc.	2001	1,437	73	77	76	95	98	92	256	219	123	106	127	9
705300300	Dominion Transmission, Inc.	2002	684	6	3	14	81	106	98	93	74	63	83	9	5
705300300	Dominion Transmission, Inc.	2003	369	36	31	62	62	50	8	12	6	6	32	33	3
705300300	Dominion Transmission, Inc.	2004	316	19	23	Ö	38	51	32	51	29	12	26	21	14
705300300	Dominion Transmission, Inc.	2005	222	21	9	16	32	52	0	30	27	7	23	5	
705300300	Dominion Transmission, Inc.	2006	89	4	2	0	31	25	8	11	0	8	0	0	
705300300	Dominion Transmission, Inc.	2007	160	0	- 1	0	24	26	0	18		24	30	22	
705300300	Dominion Transmission, Inc.	2008	205	14	8	0	30	31	8	26	19	15	14	22	- 11
705300300	Dominion Transmission, Inc.	2009	181	.0	23	0	32	6	2	2	28	23	18	22	25
705300300	CNX Gas Co. LLC (North)	2010	243	42	40	0	38	23	.24	19	19	9	14	12	-
705300300	CNX Gas Co. LLC (North)	2011	93	0	4	13	18	14	8.	7	10	7	4	5	
705300300	Consol Gas Company	2012	39	0	0	15	8	3.	3	3	3	0	3	. 1	1.0
705300300	Consol Gas Company	2013	11	.0	3	.0	0.	0	3	2	. 0	0	3	0	1 1
705300300	Consol Gas Company	2014	60	5	.5	5	5	5	5 0	5		. 5	5	5	1
	Consol Gas Company	2015	.0	D	0	0	0	0	0	0		0	0	0	100
	Consol Gas Company	2016	60	5	5	5	- 5	5.	5	5	- 5	5	5	5	1
705300300	Altiance Petroleum Co., LLC	2017	60	5	5	5	5	5	5	- 5	. 5	5	5	5	
705300300	Alliance Petroleum Co., LLC	2018	60	5	5	5	- 5	5	5	- 5	5	5	5	5	
705300300	Alliance Petroleum Co., LLC	2019	0	- u	0	0	0	0	0	- 0	0	0	0	- 0	

API	PRODUCING_OPERATOR	PRD_YEAR	ANN OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
	Consolidated Gas Supply Corp.	1982	0	0	0	0	0	0	0	0	0	0	0	0	0
	Consolidated Gas Supply Corp.	1983	0	0	0	0	0	0	0	0	0	0	0	0	0
	Consolidated Gas Transmission Corp.		0	0	.0	0	0	0	0	0	0	0	0	0	0
4705300300	Consolidated Gas Transmission Corp.	1985	0	- 0	0	0	0	0	0	0	0	0	0	0	0
4705300300	Consolidated Gas Transmission Corp.		0	0	0	0	0	0	0	0	0	0	0	0	0
4705300300	Consolidated Gas Transmission Corp.	1987	0	0	.0	0	0	0	.0	0	0	0	0	0	0
	Consolidated Gas Transmission Corp.	1988	0	0	0	0	0	0	0	-0	0	0	0	0	0
4705300300	Consolidated Gas Transmission Corp.	1989	0	0	0	0.	0	0	0	0	0	0	0	0	0
4705300300	Consolidated Gas Transmission Corp.	1990	.0	0	0	0	0	0	0	0	0	0	0	0	0
4705300300	Consolidated Gas Transmission Corp.	1991	0	0	0	0	0	0	0	0	0	0	0	0	0
4705300300	Consolidated Gas Transmission Corp.	1992	0	0	0	0	0	0	0	0	0	0	0	0	0
4705300300	Consolidated Gas Transmission Corp.	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4705300300	Consolidated Gas Transmission Corp.	1994	0	0	0	0	0	0	0	0	0	0	0	0	0
4705300300	Consolidated Gas Transmission Corp.	1995	- 0	0	.0	0	0	0	0	0	0	0	0	0	0
4705300300	Consolidated Gas Transmission Corp.	1996	0	0	0	0	0	0	0	0	0	0	0	0	0
4705300300	Consolidated Gas Transmission Corp.	1997	0	0	0	0	0	0	0	- 0	0	0	0	0	0
4705300300	Consolidated Gas Transmission Corp.	1998	0	- 0	0	0	0	0	0	0	0	0	0	0	0
	Consolidated Gas Transmission Corp.	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
4705300300	Dominion Transmission, Inc.	2000	.0	0	0	0	0	0	0	0	0	0	0	0	0
4705300300	Dominion Transmission, Inc.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4705300300	Dominion Transmission, Inc.	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4705300300	Dominion Transmission, Inc.	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4705300300	Dominion Transmission, Inc.	2004	0	0	D	0	0	0	0	0	0	0	0	0	0
	Dominion Transmission, Inc.	2005	0	- 0	D	0	.0	0	0	0	0	0	0	0	0
4705300300	Dominion Transmission, Inc.	2006	0	- 0	0	0	0	0	0	0	0	0	0	0	-0
4705300300	Dominion Transmission, Inc.	2007	0	0	.0	0	0	0	0	0	0	0	0	0	0
	Dominion Transmission, Inc.	2008	0	0	0	0	0	0	0	0	0	0	D	0	0
4705300300	Dominion Transmission, Inc.	2009	0	0	0	0	0	0	.0	0	0	0	0	0	0
4705300300	CNX Gas Co. LLC (North)	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
	CNX Gas Co. LLC (North)	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4705300300	Consol Gas Company	2012	0	0	0	0	.0	0	0	0	0	.0	0	0	0
	Consol Gas Cempany	2013	0	0	0	0	.0	0	0	0	0	0	0	0	0
	Consol Gas Company	2014	0	0	. 0	0	0	0	0	0	0	0	0	0	0
	Consol Gas Company	2015	D	0	0	0	0	0	0	0	.0	0	0	0	0
	Consol Gas Company	2016	0										-		
	Alliance Petroleum Co., LLC	2017	0												
	Alliance Petroleum Co., LLC	2018	0	0	0	0	0	D	0	0	0	0	0	.0	0
4705300300	Alliance Petroleum Co., LLC	2019	- 0	0	0	0	- 0	0	0	0	0	0	0	0	0

 Production
 NGL Information
 (Volumes in Bbl)
 \*\* some operators may have reported NGL

 API
 PRODUCING\_OPERATOR
 PRD\_YEAR
 ANN\_NGL JAN\_FEB\_MAR
 APR\_MAY\_JUN\_JUL

 4705300300
 Consol Gas Company
 2013
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47-053-003000

4705300300 Alliance Petroleum Co., LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0	
4705300300 Alliance Petroleum Co. LLC	2019		U			v	- 0	U	U	U	- 0		.0	- 0	

Production Water Information: (Volumes in Gallons)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4705300300	Consol Gas Company	2016	0												
4705300300	Alliance Petroleum Co., LLC	2018	. 0	0	0	0	0	0	0	0	0	0	.0	0	0
4705300300	Alliance Petroleum Co., LLC	2019	0	0	- 0	0	0	- 0	0	0	0	- 0	- 0	0	0

Stratigraphy Information:

API	SUFFIX	FM	FM QUALITY	DEPTH TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV	DATUM
4705300300	Original Loc	Greenbrier Group	Well Record	1400	Reasonable	100	Reasonable	819	Ground Level
	Original Loc		Well Record	1400	Reasonable	100	Reasonable	819	Ground Level
		Big Injun (Price&eq)	Well Record	1500	Reasonable	200	Reasonable	819	Ground Level
	Original Loc		Well Record	2200	Reasonable	15	Reasonable	819	Ground Level
	Original Loc		Well Record	2215	Reasonable	10	Reasonable	819	Ground Level
		Lower Huron	Electric Log	3406	Reasonable	0	Reasonable	829	Kelly Bushing

FILENAME 4705300300gdncto 1.tif 4705300300gdncto 2.tif 4705300300gdnct h.tif 4705300300jo.tif

vvii eline (L	-Log/ IIIIo	mauon.								_		_										20 CH 20 CH	200000000
API	LOG TOP	LOG BOT	DEEPEST	FMI.	LOGS_AVAIL	SCAN	DIGITIZED	GR TOP	GR BOT	D TOP	D BOT	N TOP	N BOT	I TOP	I BOT	T TOP	T BOT	S TOP	S BOT	O TOP	O BOT	INCH2	INCH5
					G.N.D.T.C.I.*		M	2447	2590	2446	3506	2449	3598	2446	3586	2490	3596	-	-	2446	3596	Y	Y
4705300300	2440	2090			G,N,D,T,C,I,	1	14	2441	9005	2440	0000	2440	3300	2440	3300	2400	5050	_		2110			_

Comment: \*logs: caliper, density porosity, density compensation, conductivity

Downloadable Log Images: We advise you to save the log image file to your PC for viewing. To do so, right-click the .tif image of interest and select the save option. Then you can direct the file to a location of your choice. Please note these images vary in size and some may take several minutes to download, especially if using a 56k or slower dialup connection.

Quick Reference Guide for Log File Names For more info about WVGES scanned logs click here

- geologic log types:

  d density (includes bulk density, compensated density, density, density porosity, grain density, matrix density, etc.)

  e photoelectric adsorption (PE or Pe, etc.)

- e photoelectric absorption (PE of PE, etc.)
  g gamma ray
  i induction (includes dual induction, medium induction, deep induction, etc.)
  I laterolog
  m dipmeter
  n neutron (includes neutron porosity, sidewall neutron—SWN, etc.)

- n neutron (includes neutron porosity, sidewall neutron—SWN, etc.)
  o other'
  s sonic or velocity
  t temperature (includes borehole temperature, BHT, differential temperature, etc.)
  z spontaneous potential or potential
  mechanical log types:
  b cement bond
  c caliper
  o other'
  n perforation death coulted or perforate

- p perforation depth control or perforate

fother logs may include, but are not limited to, such curves as audio, bit size, CCL-casing collar locator, continuous meter, directional survey, gas detector, guard, NCTL-Nuclear Cement Top Locator, radioactive tracer, tension

There is no Plugging data for this well

There is no Sample data for this well

WW-4A Revised 6-07

1) Date:	January 26, 2	021			
2) Operator	Operator's Well Number 12774				
3) API Well	No : 47 -	053	4	00300	

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

4)	Surface Own (a) Name	ner(s) to be served; George A. and Penny L. Thaxlon	5) (a) Coal Operator Name	
	Address	2697 Evans Road	Address	
		Collageville, WV 25239		
	(b) Name		(b) Coal Own	ner(s) with Declaration
	Address	-	Name	
			Address	
	(c) Name		Name	
	Address		Address	
6)	Inspector	Joe Taylor	(c) Coal Less	see with Declaration
	Address	1478 Claylick Road	Name	No Declaration
		Ripley, WV 25271	Address	W CELIAIAI IM
	Telephone	304-380-7469		V
	Telephone	304-380-7469		

#### 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.

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600	NOTARY PUBLIC
85% # 6 CB	
HIT SAME GO TO	STATE OF WEST VIRGINIA
	Phyllis A. Copley
E MESHES I	Physics A. Copies
H. ( )	144 Willard Circle
He Sel	
De la constante de la constant	Hurricane, WV 25528
Trule I	My Commission Expires September 16, 2023 II
-	A delanistic - belong and and a second
*************	

Well Operator	Alliance Petroleum Company, LLC	
By:	Jeff Mast	and the same and the
Its:	Director Production	RECEIVED
Address	P.O. Box 6070	Office of Offi and Gas
	Charleston, WV 25362	FED 4-0 2021
Telephone	304-543-6988	FEB 1 0 2021

Subscribed and sworn before me this 27th day of January 2021

My Commission Expires September 16, 2023

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 depprivacyofficr@wv.gov.

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7	For delivery information, visit our website	at www.usps.com .
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7017 1450	\$	
7	Seat To GACA. + Penny Thay	m 12774
	Street and Art No. or PO Box No.	Yiliaaa
10	2697 Evans Road	
	Cottogeville WV 25	
	PS Form 3800, April 2015 PSN 7530-02-000-9047	See Reverse for Instructions

RECEIVED Office of Oil and Gas

FEB 1 7 2021

WV Department of Environmental Protection WW-9 (5/16)

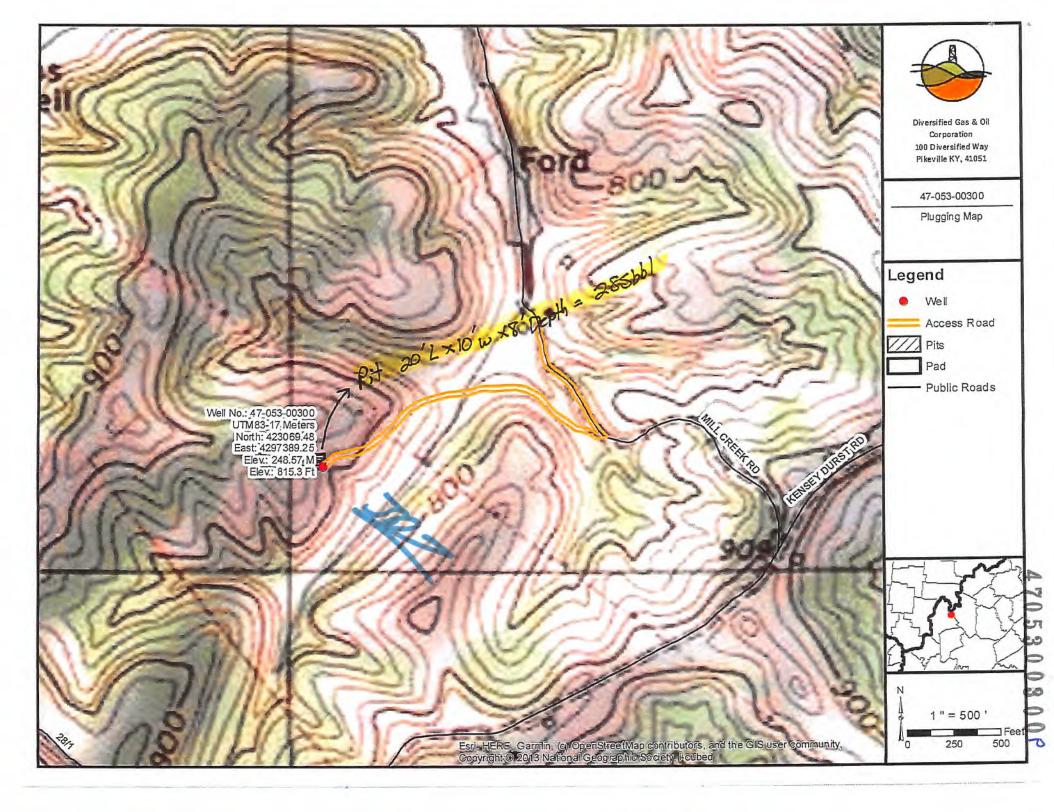
API Number 47 -053 Operator's Well No. 12774 \_ 00300

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

Decrator Name Alliance Petroleum Company, LLC OP Code 494506333	
Watershed (HUC 10) Rt. Fk. of Little Mill Creek Quadrangle Mt. Alto	
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 V No No	
If so, please describe anticipated pit waste: Plugging returns/cement	
Will a synthetic liner be used in the pit? Yes V No If so, what ml.?	
Proposed Disposal Method For Treated Pit Wastes:	
Land Application (if selected provide a completed form WW-9-GPP)	
X Underground Injection (UIC Permit Number 200550319	)
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:	-
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etcFnes # water	CEL
If all hazad what type? Synthetic netroleum etc.	RECEIVED
Additives to be used in drilling medium?	
Drill cuttings disposalmethod? Leave in pit, landfill, removed offsite, etc.	FEB 1 0 2021
the state of the s	WV Department of
	rironmental Protection
Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disc where it was properly disposed.	lose
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMI on April 1, 2016, by the Office of Oil and Cas of the West Virginia Department of Environmental Protection. I understand provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applic or regulation can lead to enforcement action.  I certify under penalty of law that I have personally examined and am familiar with the information submittee application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for the information, I believe that the information is true, accurate, and complete. I am aware that there are significant pen submitting false information, including the possibility of fine or imprisonment.  Company Official Signature	cable law  I on this blaining
Company Official (Typed Name) Jeff Mast  Company Official Title Director Production	
Company Official Title Director Production	4
Subscribed and sworn before me this 27th day of January, 20 21	
Phyllis a College Notary Public Notary Public	OFFICIAL SEAL
	NOTARY PUBLIC TATE OF WEST VIRGINIA Phyllis A. Copley 144 Willard Circle Hurricane, WV 25528

Operator's Well No. 12774

Lime 3	Tons/acre or to corre	ect to pH6.5	
Fertilizer type	10-20-20 or equivalent		
Fertilizer amou	nt	lbs/acre	
Mulch 2		Tons/acre	
		Seed Mixtures	
	Temporary	Permanen	t
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike	5	Alsike Clover	5
Annual Rye	15		
Maps(s) of road, location rovided). If water from L, W), and area in acre	on, pit and proposed area for lar in the pit will be land applied, p es, of the land application area. involved 7.5' topographic shee		g this info have been , D) of the pit, and dimensi
Maps(s) of road, location rovided). If water from L, W), and area in acre	the pit will be land applied, pes, of the land application area. involved 7.5' topographic shee	provide water volume, include dimensions (L, W,	, D) of the pit, and dimensi
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WW-7 8-30-06



# West Virginia Department of Environmental Protection Office of Oil and Gas

## WELL LOCATION FORM: GPS

RESPONSIBLE PARTY NAME:  Alliance Petroleum CO. LLC  COUNTY: Mason  DISTRICT: Cologne  QUADRANGLE: MT. Alto  SURFACE OWNER: George A & Penny L Thoxton  ROYALTY OWNER: George A Thoxton  UTM GPS NORTHING: 4,297,389.25  UTM GPS EASTING: 423,069.48  GPS ELEVATION: 815 ft  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  A. 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.  Director Production 1/26/2021	<sub>API:</sub> 47-053-00300	WELL NO.: 1	2774	
QUADRANGLE: MT. Alto  SURFACE OWNER: George A & Penny L Thoxton  ROYALTY OWNER: George A Thoxton  UTM GPS NORTHING: 4,297,389.25  UTM GPS EASTING: 423,069.48 GPS ELEVATION: 815 ft  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 Real-Time Differential Real-Time Differential Differential Differential Differential Differential Real-Time Differential		ney		
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	Signature	Title	-	2