



west virginia department of environmental protection

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

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

Thursday, September 12, 2024
WELL WORK PLUGGING PERMIT
Vertical Plugging

CHESAPEAKE APPALACHIA, L.L.C.
6100 N. WESTERN AVE.

OKLAHOMA CITY, OK 73118

Re: Permit approval for 21445
47-023-00012-00-00

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: 21445
Farm Name: TETER, ICA S.
U.S. WELL NUMBER: 47-023-00012-00-00
Vertical Plugging
Date Issued: 9/9/2024

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. 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.

47028000129

- 1) Date AUGUST 22, 2024
- 2) Operator's Well No. DOLLY EVANS 12513
- 3) API Well No. 47-23 - 00012

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 ___
- 5) Location: Elevation 2680' Watershed STAR RUN
District UNION County GRANT Quadrangle BLACK BIRD KNOB
- 6) Well Operator CHESAPEAKE APPALACHIA LLC 7) Designated Agent ERIC HASKINS - MANAGER REG OPS
Address PO BOX 18496 Address 14 CHESAPEAKE LANE
OKLAHOMA CITY, OK 73154-0496 SAYRE, PA 18840
- 8) Oil and Gas Inspector to be notified Name GAYNE J KNITOWSKI
Address 601 57TH STREET SE
CHARLESTON, WV 25304
- 9) Plugging Contractor Name PLANTS AND GOODWIN
Address 360 HIGH STREET
BRADFORD, PA 16701

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

SEE ATTACHED

ADD 100' CLASS
A CEMENT PLUG
FROM 700' TO 600'.
FRESH WATER SHOW.

JNM

WELL BORE MUST BE FILLED W/ GEL
SPACERS BETWEEN ALL CLASS A CEMENT
PLUGS. CLASS A PLUGS MUST HAVE
NO GREATER THAN 3% CACI.

GEL SPACERS SHALL BE AT LEAST 6%
BENTONITE BY WEIGHT.

RECEIVED
Office Of Oil and Gas

SEP 03 2024

JNM

WV Department of
Environmental Protection

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

Work order approved by inspector Gayne Knitowski, Inspector Digitally signed by Gayne Knitowski, Inspector Date: 2024.08.28 07:40:37 -04'00' Date 8-28-2024

09/13/2024

DOLLY EVANS 1 2513

Well Information

Surface Location	
County/State	GRANT, WV
Township	UNION
Latitude*	0
Longitude*	0

*NAD 83

CHK Contacts			
Title	Name	Office	Mobile
Production Superin.	Nick Krut	-	570-886-0256
Completions Fore.	Lucas Welch	-	570-423-4236
Production Manager	John Van Gels	405-766-8012	636-448-1104
Production Supervisor	0	#N/A	#N/A
Production Engineer	Jordan Lucas	-	740-629-2091
Regulatory Manager	Eric Haskins	-	607-242-3839

Driving Directions
0

General Well Data							
KB	14	Top Perf	8,400	Perf Interval Length	69	PBTD	0
KOP	0	Bottom Perf	8,469	TD	8,650	Elevation	2,680

Casing Details										
String	Grade	OD	ID	Weight	Drift	Top (ftKB)	Bottom (ftKB)	Capacity (bbl/ft)	Tot. Cap. (bbl)	Hole Size
Conductor	H-40	13.375	12.715	48	12.559	-	30	0.157054	4.711615	20
Surface						-				12.375
Intermediate	J-55	9.625	8.921	36	8.765		2,027	0.077311	156.7	
Production	N-80	5.5	4.892	17	4.767	-	8,628	0.023248	200.6	8.75
Production										
DV Tool										

Tubing Details										
Component	Grade	Weight	OD	ID	Length (ft)	Top (ftKB)	Bottom (ftKB)	Burst 80% (PSI)	Capacity (bbl/ft)	Tot. Cap. (bbl)
								#VALUE!	#VALUE!	

RECEIVED
Office Of Oil and Gas

SEP 03 2024

WV Department of
Environmental Protection

09/13/2024

DOLLY EVANS 1 2513



Plugging Proposal

Plug Details													
#	Type	Description	Set ID	Plug Height (ft)	Bottom of Plug (ftKB)	Top of Plug (ftKB)	Cement Type	Cement Yield	Cement Density (ppg)	Excess Cement (%)	Cement Volume (bbl)	Cement Volume (sacks)	Tubing Displacement Volume (bbbls)
1	CIBP	CIBP Perf Isolation	4.892	2	8,300	8,298	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Cement	Cement Perf Isolation	4.892	200	8,298	8,098	Class A	1.18	15.6	0	4.6	22.1	#VALUE!
3	Cement	Prod Csg Stub Plug (Inside Csg)	4.892	50	7,310	7,260	Class A	1.18	15.6	0	1.2	5.5	#VALUE!
3 (con.)	Cement	Prod Csg Stub Plug (Open Hole)	8.75	150	7,260	7,110	Class A	1.18	15.6	20	13.4	63.7	0.0
4	Cement	Elevation Plug (Open Hole)	8.75	200	2,780	2,580	Class A	1.18	15.6	20	17.9	84.9	#VALUE!
5	Cement	Inter Csg Shoe Plug (Open Hole)	8.75	100	2,127	2,027	Class A	1.18	15.6	20	8.9	42.5	#VALUE!
5 (con.)	Cement	Inter Csg Shoe Plug (Inside Csg)	8.921	100	2,027	1,927	Class A	1.18	15.6	0	7.7	36.8	0.0
6	Cement	Surface Plug	8.921	100	100	0	Class A	1.18	15.6	0	7.7	36.8	#VALUE!

Spacer Details							
#	Fluid Type	Description	Set ID	Spacer Height	Spacer Density (ppg)	Spacer Viscosity (cp)	Spacer Volume (bbbls)
1	Gel	Perf Isolation to Prod Csg Stub Plug	4.892	788	9	-	19.2
2	Gel	Prod Csg Stub Plug to Elevation Plug	8.75	4,330	9	-	386.5
3	Gel	Elevation Plug to Inter Csg Shoe Plug	8.75	453	9	-	40.4
4	Gel	Inter Csg Shoe Plug to Surface Plug	8.921	1,827	9	-	148.3

Estimated Casing Cuts	
String	Est. Cut Depth (ftKB)
Intermediate	
Production	7,260

RECEIVED
Office Of Oil and Gas

SEP 03 2024

WV Department of
Environmental Protection

4702300012P

SEE
SCHEMATIC

see
SCHEMATIC

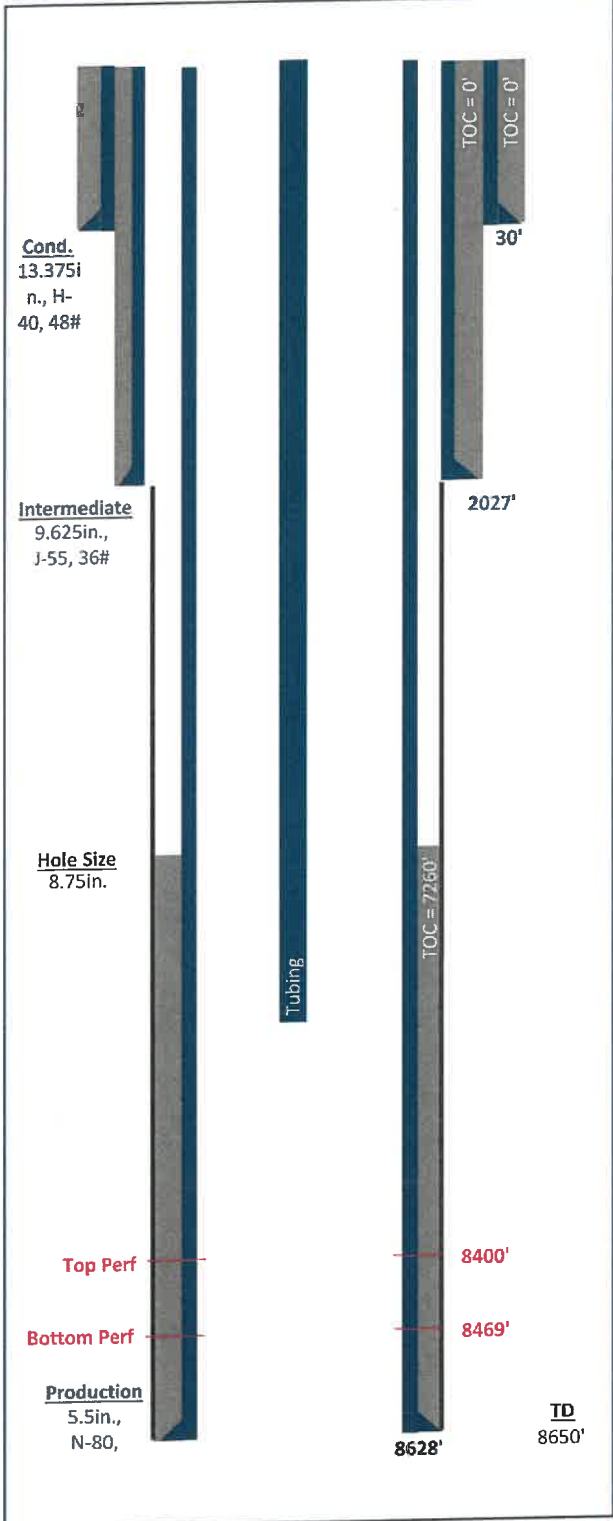
you

09/13/2024

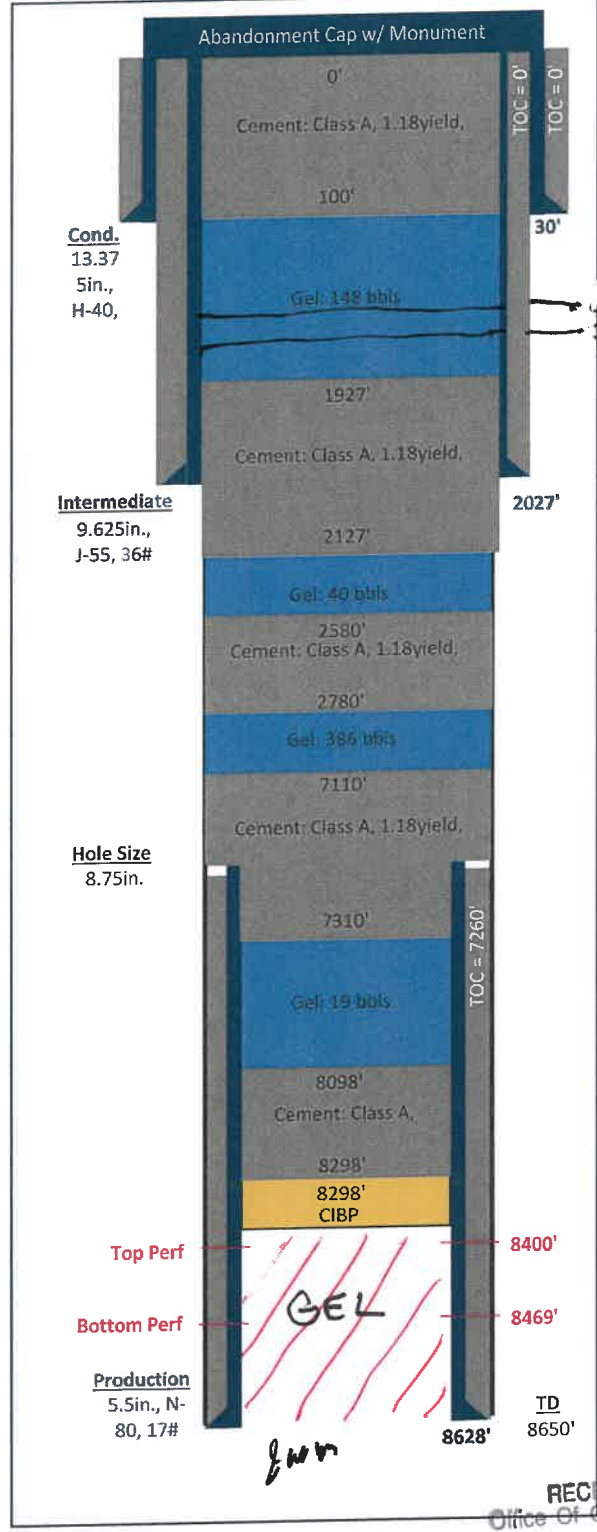
DOLLY EVANS 1 2513



Current Wellbore Schematic



Proposed Wellbore Schematic



Schematics are note to scale

RECEIVED
Office Of Oil and Gas

SEP 03 2024

WV Department of
Environmental Protection
09/13/2024

DOLLY EVANS 1 2513



Plug & Abandon

County/State: GRANT, WV Township: UNION
 Latitude: Longitude: (NAD 83)
 API: 4702300012

RECEIVED
 Office Of Oil and Gas

SEP 03 2024

Summary	WV Department of Environmental Protection
<p>The DOLLY EVANS 1 2513 will be plugged and abandoned. The well is located in GRANT County, WV and was spud on 03-09-1986 by COLUMBIA NATURAL RESOURCES, targeting the ORISKANY as a Vertical well. The last know production date for this well was 12-01-2012 where it produced 11 MCF, 0 BO, and 0 BW.</p> <p>When flowline was disconnected, well head dropped 6-8" prompting this well to be elevated on the P&A schedule. Will need well head bracing installed prior to RU. No well view records, casing grades and weights are unknown, used grades and weights of known wells near by. Well has tubing and is on plunger lift, no details available. Completions report shows 2" tubing ran to 7873'.</p>	

Guideline	
Step	Operation
	<p>The content of this guideline are recommendations based on expected conditions, current equipment, and existing design. Should actual conditions vary from expected, discuss with your supervisor and all necessary personnel on how to proceed.</p> <p>Pre-Job Safety Meeting</p> <ol style="list-style-type: none"> a. Safety is the highest priority. b. 2 active barriers must be maintained at all times in accordance with OGB-CHK-STD-001 Barrier Standard. c. Ensure gas monitoring equipment is being utilized on location. d. Remind all personnel that everyone has Stop Work Authority. e. Before each shift/day or new scope of work: <ul style="list-style-type: none"> · Hold well-site safety meetings covering the scope of work with all personnel on location. · Review guideline and discuss critical parameters (pressures, volumes, contingency plans, etc.). · Verify that all personnel understand and are prepared for the operation. · Review emergency action plans for the operation. <p>Glossary: QHB = Qualified Hydrostatic Barrier, BPV = Back Pressure Valve, TIW = Full Open Safety Valve (Equal ID to Work String), TWC = Two Way Check</p>
1	<p>Prior to rig arriving on site:</p> <ol style="list-style-type: none"> a. Make sure all casing valves are readily accessible and remove water from cellar. b. Perform 72-hour pressure build up test on all annuli. c. Perform negative pressure test on master valve(s) in accordance with APP Master Valve Operational Guideline - PROD-APP-002. c. Make sure A, B, and C section flanges are properly identified. d. Verify regulatory permit and approval to plug and abandon. e. Notify WVDEP, BLM, municipality and surface landowner 1 week prior to commencing operations.

	f. Ensure that well head bracing is installed to be able to adequately support BOP stack.
2	RU Containment.
3	MIRU WOR, pump, and surface equipment.
4	Pump FW until a Qualified Hydrostatic Barrier (QHB) is established. Ensure pump is rigged up and ready to pump kill weight fluid for duration of job.
	a. Contact supervisor and OKC engineer if higher weight kill fluid is required. <ul style="list-style-type: none"> Occurs when pumped FW volume equals or exceeds casing + tubing (if applicable) volume to top perf depth and well pressure exceeds 0 psi and/or well does not pass a flow check.
5	SKIP TO STEP 11 IF WELL DOES NOT HAVE TUBING - Contact supervisor and OKC engineer if well does not have a tubing hanger. NU lubricator to closed master valve and pressure test.
	a. Flow Paths: <ul style="list-style-type: none"> Tubing – 1st Barrier = QHB, 2nd Barrier = Master Valve 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = Master Valve
6	Bleed off test pressure, open master valve, and install BPV in tubing hanger. Contact engineer and prepare to set pump through plug in tubing with SL, if BPV cannot be installed in hanger.
	a. Flow Paths: <ul style="list-style-type: none"> Tubing – 1st Barrier = QHB, 2nd Barrier = Lubricator 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = Tubing Hanger
7	ND lubricator, ND wellhead, NU 7.0625" master valve and NU double 7.0625" BOPs (Top to Bottom: 2.375" Pipe Ram and Blind Ram). Stab landing joint in tubing hanger. Close pipe ram and pressure test stack against tubing hanger in accordance with CHK Workover and Completions BOP Manual (outlined in section 2.6). LD landing joint, close master valve and blind ram. Pressure test blind ram against master valve in accordance with CHK Workover and Completions BOP Manual (outlined in section 2.6).
	a. Flow Paths: <ul style="list-style-type: none"> Tubing – 1st Barrier = QHB, 2nd Barrier = BPV 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = Tubing Hanger
8	NU lubricator and pressure test against master valve. Bleed off test pressure, open master valve and pull BPV.
	a. Flow Paths: <ul style="list-style-type: none"> Tubing – 1st Barrier = QHB, 2nd Barrier = BPV (NU), 2nd Barrier = Lubricator (Pull BPV) 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = Tubing Hanger
9	Close Blind Ram and ND lubricator
	a. Flow Paths: <ul style="list-style-type: none"> Tubing – 1st Barrier = QHB, 2nd Barrier = Blind Ram 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = Tubing Hanger
10	MU lifting sub into tubing hanger. Unscrew tubing lockdown pins and LD tubing hanger. POOH with tubing while standing back.
	a. Flow Paths: <ul style="list-style-type: none"> Tubing – 1st Barrier = QHB, 2nd Barrier = TIW 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = Pipe Ram
11	SKIP TO THIS STEP IF WELL DID NOT HAVE TUBING - Close master valve. NU WL packoff and pressure test against master valve. RU WL.
	a. Flow Paths: <ul style="list-style-type: none"> 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = Master Valve 9.625 Casing – 1st Barrier = QHB, 2nd Barrier = Csg Head/Slips, 3rd Barrier = Master Valve
12	Plug #1 (CIBP Perf Isolation) - TIH with WL and set CIBP as specified under Plug Details table in accordance with Plug 1. Use a CCL to ensure the CIBP is not set in a collar. TOOH with WL. Pressure test CIBP to 1,500 psi or 80% of casing burst pressure accounting for hydrostatic to CIBP depth, which ever is less.
	a. Flow Paths: <ul style="list-style-type: none"> 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = WL Packoff

RECEIVED
Office Of Oil and Gas

SEP 03 2024

WV Department of
Environmental Protection

09/13/2024

	<ul style="list-style-type: none"> 9.625 Casing – 1st Barrier = QHB, 2nd Barrier = Csg Head/Slips, 3rd Barrier = WL Packoff
13	<p>ND WL packoff. RD and release WL.</p> <p>a. Flow Paths:</p> <ul style="list-style-type: none"> 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = CIBP 9.625 Casing – 1st Barrier = QHB, 2nd Barrier = Csg Head/Slips
14	<p>ND double 7.0625" BOPs (if applicable), master valve, and necessary wellhead equipment to expose casing slips. Establish hot work permit and tac weld casing slips to casing. Ensure thorough LEL monitoring is in place, fire extinguishers are near wellhead, and fire watch is designated as outlined by hot work permit.</p> <p>a. Flow Paths:</p> <ul style="list-style-type: none"> 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = CIBP 9.625 Casing – 1st Barrier = QHB, 2nd Barrier = Csg Head/Slips
15	<p>NU double 11" BOPs (Top to Bottom: 2.375" Pipe Ram and Blind Ram) and 11" annular BOP. Test each ram against the CIBP in accordance with CHK Workover and Completions BOP Manual (outlined in section 2.6).</p> <p>a. Flow Paths:</p> <ul style="list-style-type: none"> 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = CIBP 9.625 Casing – 1st Barrier = QHB, 2nd Barrier = Csg Head/Slips
16	<p>Plug #2 (Cement Perf Isolation) - TIH with work string to bottom depth of Plug 2 as specified under the Plug Details table. Pump Spacer 1 as detailed under the Spacer Details table. Pump balanced cement plug in accordance with Plug 2. Displace tubing with volume specified on Plug Details table. POOH with WS. WOC 8 hours.</p> <p>a. Flow Paths:</p> <ul style="list-style-type: none"> Tubing – 1st Barrier = QHB, 2nd Barrier = CIBP, 3rd Barrier = TIW 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = CIBP, 3rd Barrier = Pipe Rams
17	<p>NU WL packoff. RU WL.</p> <p>a. Flow Paths:</p> <ul style="list-style-type: none"> 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = CIBP, 3rd Barrier = Cement Plug 9.625 Casing – 1st Barrier = QHB, 2nd Barrier = Csg Head/Slips
18	<p>RIH with CBL, POOH with WL and discuss results with key stakeholders.</p> <p>a. Flow Paths:</p> <ul style="list-style-type: none"> 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = CIBP, 3rd Barrier = Cement Plug, 4th Barrier = WL Packoff (untested) 9.625 Casing – 1st Barrier = QHB, 2nd Barrier = Csg Head/Slips, 3rd Barrier = WL Packoff (untested)
19	<p>Pressure test WL Packoff against cement plug to 500 psi. Ok testing against cement due to CIBP below. RIH with jet cutter and cut csg at TOC as determined by CBL. POOH with WL.</p> <p>a. Flow Paths:</p> <ul style="list-style-type: none"> 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = WL Packoff 9.625 Casing – 1st Barrier = QHB, 2nd Barrier = Csg Head/Slips, 3rd Barrier = WL Packoff
20	<p>Close blind ram. RD WL. Verify good cut before releasing WL by attempting to establish circulation. Do not exceed a 0.8 psi/ft gradient when establishing circulation against open hole accounting for hydrostatic pressure. Example: casing cut at 5,000' with 9 ppg fluid in well --> Max pressure at cut = 5,000' x 0.8 psi/ft = 4,000 psi. Hydrostatic pressure = 0.052 x 9 ppg x 5,000' = 2,340 psi. Max surface circulating pressure = 1,660 psi.</p> <p>a. Flow Paths:</p> <ul style="list-style-type: none"> 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = Blind Ram 9.625 Casing – 1st Barrier = QHB, 2nd Barrier = Csg Head/Slips, 3rd Barrier = Blind Ram
21	<p>NU casing jacks (if applicable), MU casing spear, and open blind ram. Spear casing, LD slips and spear. If casing jacks are needed, consult with OKC and engineering prior to RU, due to well head integrity issues we must ensure the well head can support the additional force that could be applied.</p> <p>a. Flow Paths:</p> <ul style="list-style-type: none"> Tubing – 1st Barrier = QHB, 2nd Barrier = TIW 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = Blind Ram (Csg Jack NU), 2nd Barrier = Pipe Ram (Spear)

RECEIVED
Office Of Oil and Gas

SEP 03 2024

WV Department of
Environmental Protection

09/13/2024

	<ul style="list-style-type: none"> 9.625 Casing – 1st Barrier = QHB, 2nd Barrier = Csg Head/Slips (Csg Jack NU), 2nd Barrier = Pipe Ram (Spear)
22	<p>POOH with production casing.</p> <p>a. Flow Paths:</p> <ul style="list-style-type: none"> 5.5 Casing – 1st Barrier = QHB, 2nd Barrier = Swage Nipple w/ Ball Valve 9.625 Casing – 1st Barrier = QHB, 2nd Barrier = Annular
23	<p>Plug #3 (Prod Csg Stub Plug) - TIH with work string to bottom depth of Plug 3 as specified under the Plug Details table. Pump Spacer 2 as detailed under the Spacer Details table. Pump balanced cement plug in accordance with Plug 3. Displace tubing with volume specified on Plug Details table. POOH 1,500' above estimated TOC. Close pipe ram. WOC 8 hours.</p> <p>a. Flow Paths:</p> <ul style="list-style-type: none"> Tubing – 1st Barrier = QHB, 2nd Barrier = TIW 9.625 Casing – 1st Barrier = QHB, 2nd Barrier = Pipe Rams
24	<p>Plug #4 (Elevation Plug) - TIH with work string and tag TOC. PU to bottom depth of Plug 4 as specified under the Plug Details table. Pump Spacer 3 as detailed under the Spacer Details table. Pump balanced cement plug in accordance with Plug 4. Displace tubing with volume specified on Plug Details table. PU to bottom of Plug 5 and continue with packet.</p> <p>a. Flow Paths:</p> <ul style="list-style-type: none"> Tubing – 1st Barrier = QHB, 2nd Barrier = TIW Casing – 1st Barrier = QHB, 2nd Barrier = Pipe Rams
25	<p>Plug #5 (Inter Csg Shoe Plug) - TIH with work string and tag TOC. PU to bottom depth of Plug 5 as specified under the Plug Details table. Pump Spacer 4 as detailed under the Spacer Details table. Pump balanced cement plug in accordance with Plug 5. Displace tubing with volume specified on Plug Details table. PU a minimum of 500' above estimated TOC. Close pipe ram and WOC 8 hrs.</p> <p>a. Flow Paths:</p> <ul style="list-style-type: none"> Tubing – 1st Barrier = QHB, 2nd Barrier = TIW 9.625 Casing – 1st Barrier = QHB, 2nd Barrier = Pipe Rams
26	<p>Plug #6 (Surface Plug) - TIH with work string and tag TOC. PU to bottom depth of Plug 6 as specified under the Plug Details table. Pump balanced cement plug in accordance with Plug 6. Displace tubing with volume specified on Plug Details table. POOH. Close blind ram. WOC 8 hours.</p> <p>a. Flow Paths:</p> <ul style="list-style-type: none"> Tubing – 1st Barrier = QHB, 2nd Barrier = TIW KOP Casing – 1st Barrier = QHB, 2nd Barrier = Pipe Ram
27	RDMO.
28	Monitor well for 24 hrs minimum.
29	<p>Establish hot work permit. Perform LEL assessment of well head and ensure LEL monitoring remains in place. Visually check wellbore and cellar for signs of bubbling. Contact supervisor and OKC engineer if LELs or bubbling are present. Place fire extinguishers near wellhead and ensure fire watch is designated as outlined by hot work permit. Cut casing and weld abandonment cap with monument as specified by WVDEP.</p>

Gayne
Knitowski,
Inspector

Digitally signed by
Gayne Knitowski,
Inspector
Date: 2024.08.28
07:39:56 -04'00'

RECEIVED
Office Of Oil and Gas
SEP 03 2024
WV Department of
Environmental Protection

09/13/2024

CONFIDENTIAL

IV-35
(Rev 8-81)



State of West Virginia
Department of Mines
Oil and Gas Division

Date August 13, 1986
Operator's
Well No. 21445-TPI
Farm Dolly Evans
API No. 47 - 023 - 0012

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

RECEIVED
Office Of Oil and Gas

SEP 03 2024

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production X / Underground Storage / Deep X / Shallow)
WV Department of Environmental Protection

LOCATION: Elevation: 2680 Watershed Star Run
District: Union County Grant Quadrangle Black Bird Knob

COMPANY Columbia Gas Transmission Corporation
ADDRESS P. O. Box 1273, Charleston, WV 25325
DESIGNATED AGENT Robert C. Weidner
ADDRESS P. O. Box 1273, Charleston, WV 25325
SURFACE OWNER Dolly Evans, etal
ADDRESS Rt. 1, Maysville, WV 26833
MINERAL RIGHTS OWNER As above
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK Phillip Tracy ADDRESS Elkins, WV
PERMIT ISSUED 12-2-85
DRILLING COMMENCED 1-25-86
DRILLING COMPLETED 3-12-86
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	30	30	-
9 5/8	2027	2027	923
8 5/8			
7			
5 1/2	8628	8628	786
4 1/2			
3			
2	7873		On RTTS Tool
Liners used			

GEOLOGICAL TARGET FORMATION Oriskany Sandstone Depth 8650 feet
Depth of completed well 8650 feet Rotary X / Cable Tools
Water strata depth: Fresh 620 feet; Salt feet
Coal seam depths: N/A Is coal being mined in the area?

OPEN FLOW DATA
Producing formation Oriskany Pay zone depth 8400-8469 feet
Gas: Initial open flow 3334 Mcf/d Oil: Initial open flow Bbl/d
Final open flow 7700 Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests N/A hours
Static rock pressure 3263 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perforated 1 shot per foot w/ .48-expendable shots at 8400'-8424' (13 shots)
 8436'-8459' (8 shots)
 8464'-8469' (6 shots)

Broke down formation with 2500 gallons 15% FE-acid through RTTS tool.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all and salt water, coal, oil a
Hampshire -	Soft Gray		0	200	Little water
Red Rock -	Soft Red		200	300	
Shale -	Soft Brown		300	700	1" stream of fresh water
Sand -	Hard Gray		700	1000	
Foreknobs -	Silty Sand		1000	3080	
Scheer -	Dark Gray Sandy Shale		3080	3700	
Shale -	Soft Gray		3700	4800	
Shale -	Gray Silty		4800	5910	
Brallier -	Shale		5910	7150	
Harrell -	Shale		7150	7400	
Tully -	Limestone		7400	7420	
Shale			7420	7920	
Upper Marcellus -	Shale		7920	8030	
Purcell -	Limestone		8030	8050	
Lower Marcellus -	Shale		8050	8176	Gas at 8405' 3340 MCFD
Needmore	Shale		8176	8282	
Oriskany -	Sandstone		8282	8485	
Heiderberg -	Limestone		8485	8650 TD	T.D.

RECEIVED
 Office Of Oil and Gas
 SEP 03 2024
 WV Department of
 Environmental Protection

(Attach separate sheets as necessary)

COLUMBIA GAS TRANSMISSION CORPORATION
 Well Operator
 By: Randy [Signature]
 Date: 9-13-85

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 soil, encountered in the drilling of a well."

4702300012	Chesapeake Appalachia, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4702300012	Chesapeake Appalachia, LLC	2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

4702300012P

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4702300012	Chesapeake Appalachia, LLC	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4702300012	Chesapeake Appalachia, LLC	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4702300012	Chesapeake Appalachia, LLC	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4702300012	Chesapeake Appalachia, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4702300012	Chesapeake Appalachia, LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4702300012	Chesapeake Appalachia, LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4702300012	Chesapeake Appalachia, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4702300012	Chesapeake Appalachia, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4702300012	Chesapeake Appalachia, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4702300012	Chesapeake Appalachia, LLC	2023	0	0	0	0	0	0	0	0	0	0	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
4702300012	Chesapeake Appalachia, LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4702300012	Chesapeake Appalachia, LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4702300012	Chesapeake Appalachia, LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0
4702300012	Chesapeake Appalachia, LLC	2020	0	0	0	0	0	0	0	0	0	0	0	0	0
4702300012	Chesapeake Appalachia, LLC	2021	0	0	0	0	0	0	0	0	0	0	0	0	0
4702300012	Chesapeake Appalachia, LLC	2022	0	0	0	0	0	0	0	0	0	0	0	0	0
4702300012	Chesapeake Appalachia, LLC	2023	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
4702300012	Original Loc	Foreknobs Fm	Well Record	1000	Reasonable	2080	Reasonable	2673	Ground Level
4702300012	Original Loc	Scherr Fm	Well Record	3080	Reasonable	620	Reasonable	2673	Ground Level
4702300012	Original Loc	Brallier	Well Record	5910	Reasonable	1240	Reasonable	2673	Ground Level
4702300012	Original Loc	Harrell Sh	Well Record	7150	Reasonable	250	Reasonable	2673	Ground Level
4702300012	Original Loc	Tully Ls	Well Record	7400	Reasonable	20	Reasonable	2673	Ground Level
4702300012	Original Loc	Up Marcellus	Well Record	7920	Reasonable	110	Reasonable	2673	Ground Level
4702300012	Original Loc	Purcell Ls Mbr	Well Record	8030	Reasonable	20	Reasonable	2673	Ground Level
4702300012	Original Loc	Lo Marcellus	Well Record	8050	Reasonable	126	Reasonable	2673	Ground Level
4702300012	Original Loc	Needmore Sh	Well Record	8176	Reasonable	106	Reasonable	2673	Ground Level
4702300012	Original Loc	Oriskany	Well Record	8282	Reasonable	203	Reasonable	2673	Ground Level
4702300012	Original Loc	Helderberg	Well Record	8485	Reasonable	0	Reasonable	2673	Ground Level

Wireline (E-Log) Information:

* Scanned/Raster Log Information:

API	STATUS	LOG_TOP	LOG_BOT	DEEPEST_FML	LOGS_AVAIL	SCAN	GR_TOP	GR_BOT	D_TOP	D_BOT	N_TOP	N_BOT	L_TOP	L_BOT	T_TOP	T_BOT	S_TOP	S_BOT	O_TOP	O_BOT	INCH2	IN
4702300012	Regular Entry	100	8640		G.D.N.C.*	Y	100	8616	100	8640	100	8640							100	8640	Y	Y

Scanned/Raster Comment: *logs: caliper, PE, tension

* There is no Digitized/LAS Log data for this well

Downloadable Log Images/Data: We advise you to save the scanned log or digitized log file(s) to your PC for viewing. To do so, right-click the file of interest and select the save option. Then you can direct the file to a location of your choice. Please note the scanned log images vary in size and some may take several minutes to download.

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.)
- g gamma ray
- i induction (includes dual induction, medium induction, deep induction, etc.)
- l laterolog
- m dipmeter
- n neutron (includes neutron porosity, sidewall neutron—SWN, etc.)
- o other¹
- 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 other¹
- p perforation depth control or perforate

¹other 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

Sample Information:

API	CUT1_TOP	CUT1_BOT	CUT2_TOP	CUT2_BOT	CORE1_TOP	CORE1_BOT	FM1_TOP	FM1_BOT	CORE2_TOP	CORE2_BOT	FM2_TOP	FM2_BOT	SMPL	THN_SEC1	SCAN1	SLAB1	PERM1	THN_SEC
4702300012	956	8650																

WSC Comment: 2 duplicate sets of cuttings with the same Cut1 depths.

WW-4A
Revised 6-07

RECEIVED
Office Of Oil and Gas

SEP 03 2024

WV Department of
Environmental Protection

1) Date: 8/22/2024
2) Operator's Well Number
CHESAPEAKE APPALACHIA LLC

4702300012P

3) API Well No.: 47 - 023 - 00012

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 SHAWN O SMITH	Name NONE
Address 268 BIG STARR LANE	Address
MAYSVILLE, WV 26833	
(b) Name KARI L EVANS	(b) Coal Owner(s) with Declaration
Address 1130 HIGH KNOB FARM ROAD	Name NONE
MAYSVILLE, WV 26833	Address
(c) Name	Name
Address	Address
6) Inspector GAYNE J KNITOWSKI	(c) Coal Lessee with Declaration
Address 601 57TH STREET SE	Name NONE
CHARLESTON WV 25304	Address
Telephone 304546-8171	

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.

Commonwealth of Pennsylvania - Notary Seal
 Carla M. Harris, Notary Public
 Bradford County
 My commission expires October 22, 2026
 Commission number 1286242
 Member, Pennsylvania Association of Notaries

Well Operator CHESAPEAKE APPALACHIA LLC
 By: KERI FIENO *Keri Fieno*
 Its: REGULATORY SPECIALIST
 Address PO BOX 18496
 OKLAHOMA CITY, OK 73154-0496
 Telephone 405-766-8791

Subscribed and sworn before me this 27th day of August 2024
Carla M. Harris Notary Public
 My Commission Expires October 22, 2026

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.

09/13/2024

4702300012P

[EXTERNAL] UPS Delivery Notification, Tracking Number 1ZV3127X0196283283

UPS <pkginfo@ups.com>

Wed 8/28/2024 6:07 PM

To:Keri Fieno <KERI.FIENO@CHK.COM>

This Message Is From an External Sender

This message came from outside your organization.

Report Suspicious



Hello, your package has been delivered.

Delivery Date: Wednesday, 08/28/2024

Delivery Time: 5:01 PM

Left At: MET CUST BOY

RECEIVED
Office Of Oil and Gas

SEP 03 2024

WV Department of
Environmental Protection



[Set Delivery Instructions](#)

[Manage Preferences](#)

[View My Packages](#)

SAYRECHK

DOLLY EVANS LANDOWNER NOTIFICATION

Tracking Number:	<u>1ZV3127X0196283283</u>
Ship To:	SHAWN O SMITH 268 BIG STARR LANE MAYSVILLE, WV 268338630 US
Number of Packages:	1
UPS Service:	UPS Next Day Air®
Package Weight:	0.0 LBS
Reference Number:	DOLLY EVANS

09/13/2024

Shawn Smith

268 Big Starr Ln.

Maysville WV 26833

304-749-8867

Dolly Evans 1 2513

Union District

Grant County, WV

There are two sink holes on this well pad. I would like fixed and any future sink holes as well

4702300012P

RECEIVED
Office Of Oil and Gas

SEP 03 2024

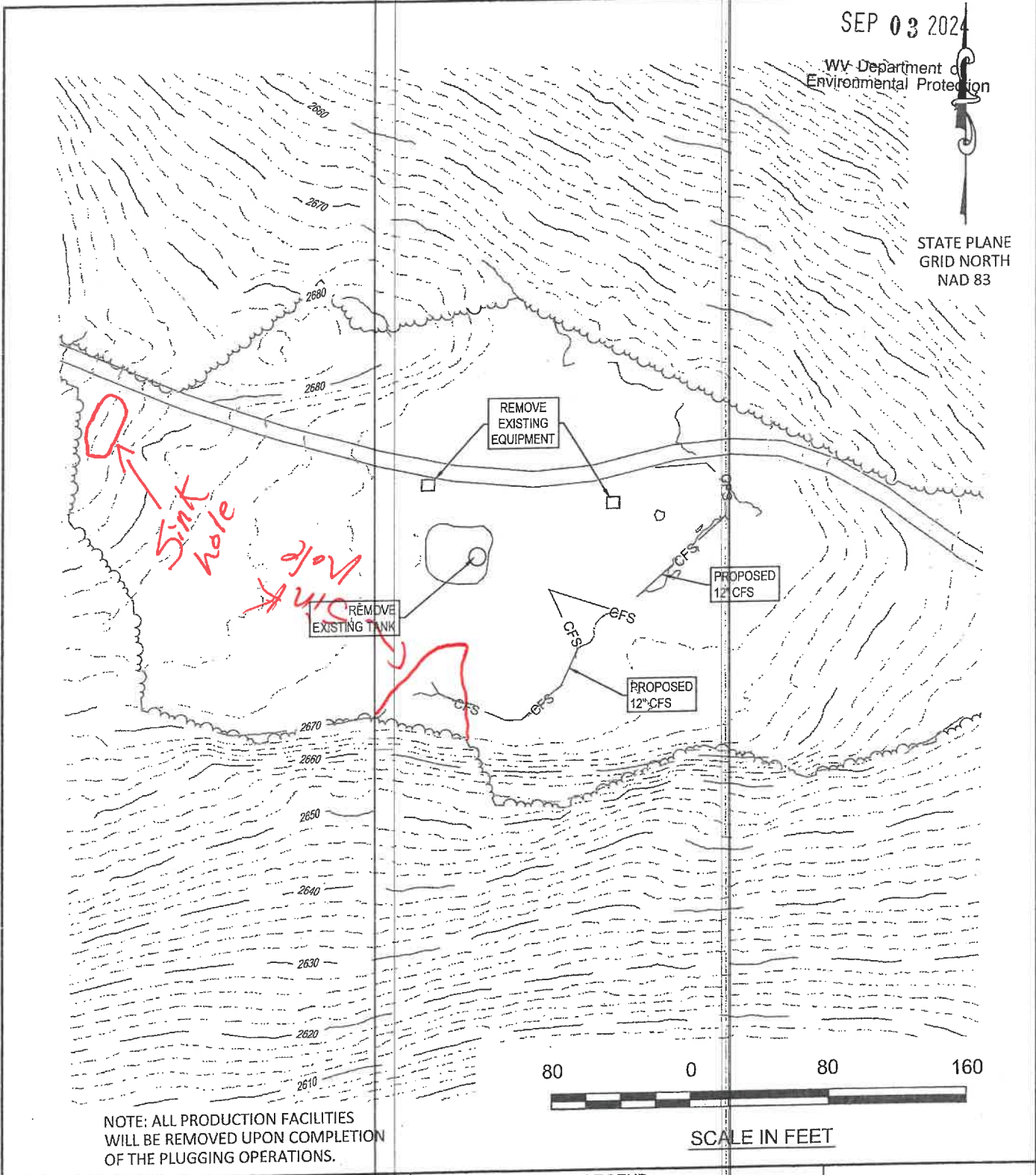
WV Department of
Environmental Protection

09/13/2024

SEP 03 2024

WV Department of
Environmental Protection

STATE PLANE
GRID NORTH
NAD 83



NOTE: ALL PRODUCTION FACILITIES
WILL BE REMOVED UPON COMPLETION
OF THE PLUGGING OPERATIONS.

SCALE IN FEET

DOLLY EVANS 1 2513
SITE RECLAMATION
API# 47-023-00012
FOR
CHESAPEAKE ENERGY
LOCATED IN
GRANT COUNTY, WEST VIRGINIA

LEGEND

- EXISTING CONTOUR
- EXISTING TREE LINE
- EXISTING PUBLIC ROAD
- COMPOSITE FILTER SOCK



844-542-4757
466 SOUTH MAIN STREET
MONTROSE, PA 18801
PA • OH • NY • WV • VA • MD

SITE PLAN

PLAN NUMBER: FINAL	DATE: 08/22/2024	NO. 1
--------------------	------------------	-------

09/13/2024

47023000120



September 4, 2024

Jeff McLaughlin
WV DEP
601 57th Street SE
Charleston, WV 25304

VIA UPS OVERNIGHT

Re: Landowner Request

Mr. McLaughlin,

We have reviewed the attached landowner owner request for the Dolly Evans 1 2513 pad site. Chesapeake is aware of the affected areas Mr. Shawn Smith referenced and intends to repair the areas in the process of restoring this pad site after P&A activities are complete.

Sincerely,

A handwritten signature in black ink, appearing to read "Keri Fieno".

Keri Fieno
Regulatory Specialist

RECEIVED
Office of Oil and Gas

SEP 4 2024

WV Department of
Environmental Protection

[EXTERNAL] UPS Delivery Notification, Tracking Number 1ZV3127X0196225890

UPS <pkginfo@ups.com>

Wed 8/28/2024 5:13 PM

To:Keri Fieno <KERI.FIENO@CHK.COM>

This Message Is From an External Sender

This message came from outside your organization.

Report Suspicious



Hello, your package has been delivered.

Delivery Date: Wednesday, 08/28/2024

Delivery Time: 5:09 PM

Left At: FRONT DOOR

RECEIVED
Office Of Oil and Gas
SEP 03 2024
WV Department of
Environmental Protection



[Set Delivery Instructions](#)

[Manage Preferences](#)

[View My Packages](#)

SAYRECHK

DOLLY EVANS LANDOWNER NOTIFICATION

Tracking Number:	<u>1ZV3127X0196225890</u>
Ship To:	KARI L EVANS 1130 HIGH KNOB FARM ROAD MAYSVILLE, WV 268338157 US
Number of Packages:	1
UPS Service:	UPS Next Day Air®
Package Weight:	0.0 LBS
Reference Number:	DOLLY EVANS

09/13/2024

4702300012P

WW-9
(5/16)

API Number 47 - 023 00012
Operator's Well No. DOLLY EVANS 1-2513

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

RECEIVED
Office Of Oil and Gas

SEP 03 2024

Operator Name CHESAPEAKE APPALACHIA LLC OP Code 2528
Watershed (HUC 10) STAR RUN Quadrangle BLACK BIRD KNOB WV Department of Environmental Protection

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: ANY WELL EFFLUENT WILL BE CONTAINED IN TANKS AND DISPOSED OFFSITE

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 _____)

Will closed loop system be used? If so, describe: DRILL CUTTINGS WILL BE CIRCULATED BACK INTO AN OPEN TANK

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

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? NONE

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. LANDFILL

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) NO PIT

-Landfill or offsite name/permit number? KIMBLE SANITARY LANDFILL OR MUD MASTERS

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.

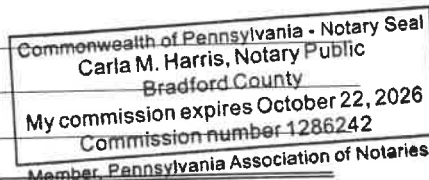
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 Keri Fieno

Company Official (Typed Name) KERI FIENO

Company Official Title REGULATORY SPECIALIST



Subscribed and sworn before me this 27th day of August, 2023

Carla M. Harris Notary Public

My commission expires October 22, 2026

09/13/2024

Proposed Revegetation Treatment: Acres Disturbed 10 Prevegetation pH _____

Lime 3.90 Tons/acre or to correct to pH 7

Fertilizer type 8-16-16

Fertilizer amount 968 lbs/acre

Mulch 3 Tons/acre

RECEIVED
Office Of Oil and Gas
SEP 03 2024
WV Department of
Environmental Protection

Seed Mixtures

Temporary

Permanent

Seed Type	lbs/acre
<u>OATS/ANNUAL RYE</u>	<u>40LBS/ACRE</u>
<u>HAY/STRAW MULCH</u>	<u>3 TONS/ACRE</u>

Seed Type	lbs/acre
<u>BIRDSFOOT TREFOIL</u>	<u>8LBS/ACRE</u>
<u>TALL FESCUE</u>	<u>40LBS/ACRE</u>

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: Gayne Knitowski
Inspector Digitally signed by Gayne Knitowski, Inspector
Date: 2024.08.28 07:38:50 -0400

Comments: _____

Title: REGULATORY SPECIALIST Date: 8-28-2024

Field Reviewed? Yes No

WW-9- GPP
Rev. 5/16

RECEIVED
Office Of Oil and Gas
SEP 03 2024

Page 1 of 2
API Number 47 - 023 - 00012
Operator's Well No. DOLLY EVANS 1 2513

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

Operator Name: CHESAPEAKE APPALACHIA LLC
Watershed (HUC 10): STAR RUN Quad: BLACK BIRD KNOB
Farm Name: DOLLY EVANS 1 2513

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

SEE ATTACHED

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

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

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

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

[Empty rectangular box for text entry]

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

[Empty rectangular box for text entry]

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

RECEIVED
Office Of Oil and Gas
SEP 03 2024
WV Department of
Environmental Protection

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

[Empty rectangular box for text entry]

Signature: *Levi Leno*

Date: 8/27/24

RECOMMENDED PERMANENT SEEDING MIXTURE
FOR ALL DISTURBED AREAS

MIXTURE NUMBER	SEASON	SPECIES	SEEDING RATE (lb/ac)
2	COOL	BIRDSFOOT TREFOIL TAIL FESCUE	8 / 40

MULCHING

MATERIAL SHALL BE HAY OR STRAW WHICH IS FREE OF WEED AND SEEDS, NOT MOLDY, ROTTEN, AND SHALL BE APPLY TO ALL SLOPES FATTER THAN 3:1 AT A RATE OF 140 LBS/1,000 SF. (APPROXIMATELY TWO BALES PER 1,000 SF OR 3 TON PER AC)

HYDROSEEDING SPECIFICATION

MATERIAL	DESCRIPTION	APPLICATION RATE (PER 1,000 SY)
(1) SEE MIXTURE (% BY WEIGHT)	REDFOP - 10% PENNLAWN FESCUE - 45% KENTUCKY BLUEGRASS - 45%	27 LBS
(2) 8-16-16	COMMERCIAL FERTILIZER	200 LBS
(3) LIME	GROUND COMMERCIAL LIMESTONE	1,650 LBS
(4) MULCH	WOOD CELLULOSE FIBER	750 LBS

RECEIVED
Office Of Oil and Gas

SEP 03 2024

WV Department of
Environmental Protection

APPROXIMATE TACK COAT

PROCEDURE: SURFACE TO BE HYDROSEEDDED SHALL BE CLEANED OF ALL DEBRIS AND OTHER MATTER HARMFUL TO UNIFORM GERMINATION. A WATER-SURRY MIXTURE COMPOSED OF THE ABOVE "MATERIALS". ITEMS (1) THROUGH (3) INCLUSIVE, SHALL BE SPRAYED UNIFORMLY OVER THE AREAS TO BE HYDROSEEDDED. IMMEDIATELY, THEREAFTER, ITEM (4) "MULCH" SHALL BE BLOWN ON THE SAME AREA AND TACK-COATED. RATES AND TYPE OF MATERIALS SHALL BE SPECIFIED.

MAINTENANCE AND GUARANTEE

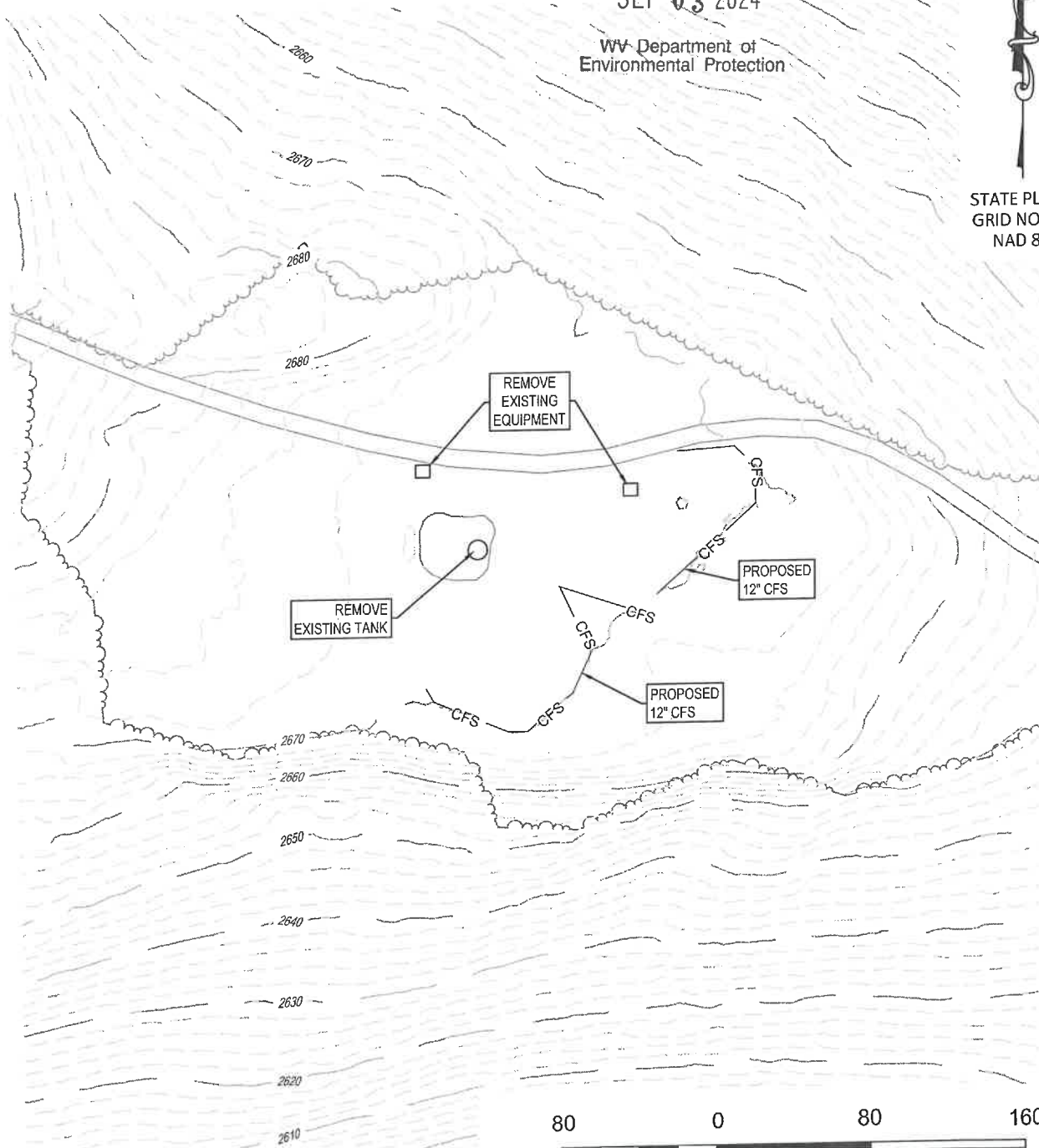
THE CONTRACTOR SHALL GUARANTEE A GOOD STAND OF GRASS IN THE SWALES AND ON BANKS. THE MEANS OF GUARANTEE SHALL BE BY WATERING, MOWING, REGRADING, REMULCHING, AND RESEEDING TO THE SATISFACTION OF THE OWNER UNTIL FINAL ACCEPTANCE. ANY AREAS WHICH FAIL TO SHOW A UNIFORM STAND WITHIN ONE YEAR SHALL BE RESEEDDED AND REMULCHED AT THE CONTRACTORS EXPENSE WITH THE SAME MIXTURE ORIGINALLY USED THEREON. ERODED AREAS SHALL BE REPAIRED AND RESTORED TO FINISHED GRADE PRIOR TO RESEEDING AND REMULCHING. ALL SUCH REPAIRING OF EROSION, RESEEDING, AND REMULCHING SHALL BE REPEATED UNTIL ALL EFFECTED AREAS ARE COVERED WITH GRASS.

RECEIVED
Office Of Oil and Gas

SEP 03 2024

WV Department of
Environmental Protection

STATE PLANE
GRID NORTH
NAD 83



NOTE: ALL PRODUCTION FACILITIES
WILL BE REMOVED UPON COMPLETION
OF THE PLUGGING OPERATIONS.



SCALE IN FEET

DOLLY EVANS 1 2513
SITE RECLAMATION
API# 47-023-00012
 FOR
CHESAPEAKE ENERGY
 LOCATED IN
 GRANT COUNTY, WEST VIRGINIA

LEGEND

- EXISTING CONTOUR -1500-
- EXISTING TREE LINE
- EXISTING PUBLIC ROAD
- COMPOSITE FILTER SOCK CFS

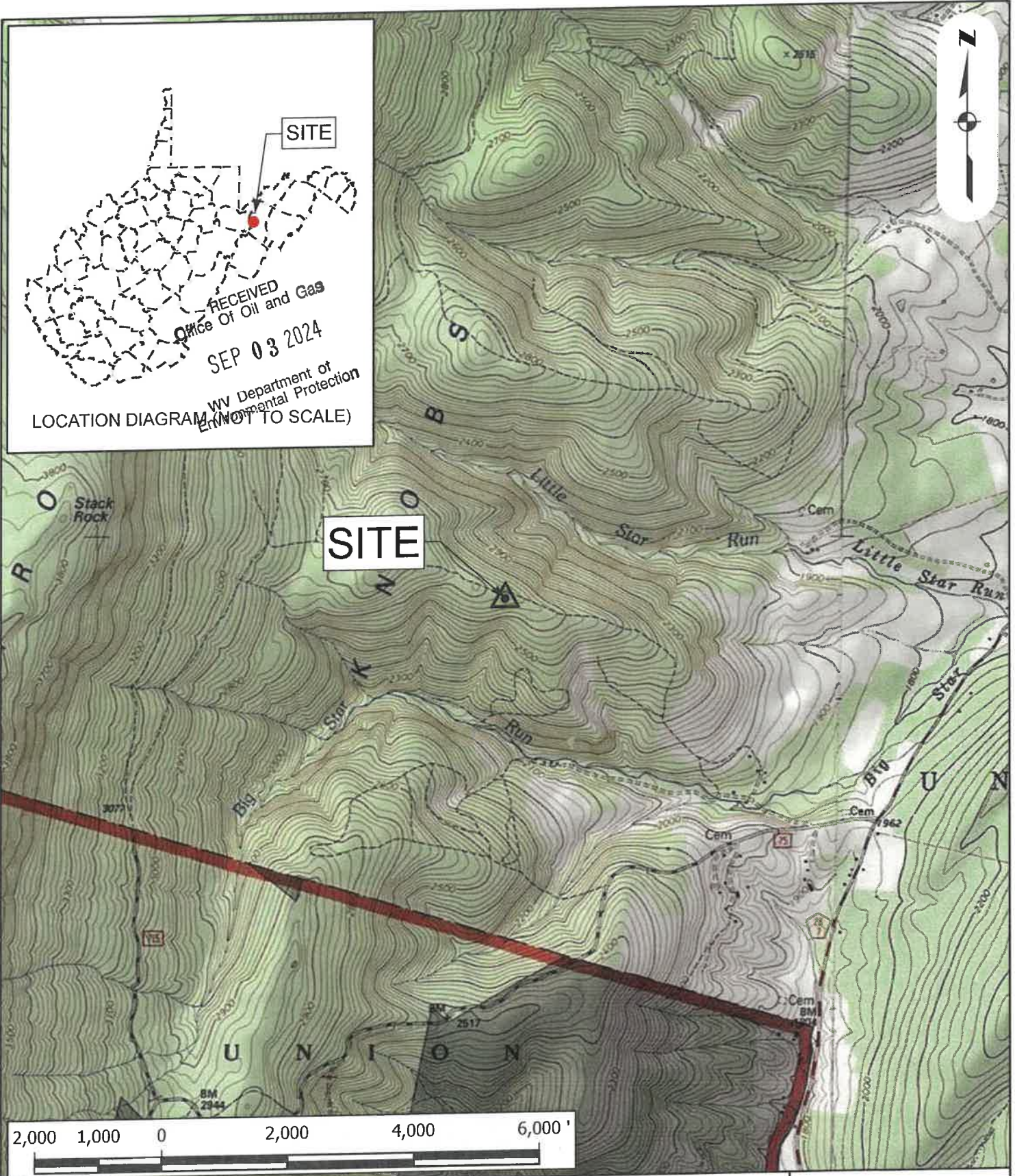


844-542-4757
 466 SOUTH MAIN STREET
 MONTROSE, PA 18801
 PA • OH • NY • WV • VA • MD

SITE PLAN

PLAN SCALE: FINAL	DATE: 08/22/2024	NO. 1
-------------------	------------------	-------

09/13/2024



USGS LOCATION MAP
 PREPARED FOR
 Dolly Evans P & A Site
 GRANT COUNTY, WEST VIRGINIA
 BLACKBIRD KNOB USGS QUAD

PROJECT -	2024-1242 Dolly Evans P&A
DATE -	8/20/2024
SCALE -	1" = 2,000'
DRAWN -	JCOOK
FILE -	DOLLY_EVANS_USGS_LOCATION_MAP.mxd

JHA SURVEYING
 ENGINEERING
 ENVIRONMENTAL
 ARCHITECTURE

(844) 542-4757
09/13/2024

WW-7
8-30-06

4702300012P

RECEIVED
Office Of Oil and Gas

SEP 03 2024

WV Department of
Environmental Protection



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-023-00012 WELL NO.: 2513

FARM NAME: DOLLY EVANS 1

RESPONSIBLE PARTY NAME: CHESAPEAKE APPALACHIA LLC

COUNTY: GRANT DISTRICT: UNION

QUADRANGLE: BLACK BIRD KNOB

SURFACE OWNER: SHAWN O SMITH; KARI L EVANS

ROYALTY OWNER: SHAWN O SMITH; KARI L EVANS

UTM GPS NORTHING: 4327186.837

UTM GPS EASTING: 649761.584 GPS ELEVATION: 2680'

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:

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

Real-Time Differential

Mapping Grade GPS : Post Processed Differential

Real-Time Differential

- 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.

Kevin Leno
Signature

REGULATORY SPECIALIST
Title

8/27/24
Date

09/13/2024



4702300012P

RECEIVED
Office Of Oil and Gas

SEP 03 2024

WV Department of
Environmental Protection

August 29, 2024

Jeff McLaughlin
WV DEP
601 57th Street SE
Charleston, WV 25304

VIA UPS OVERNIGHT

Re: Plugging Permits

Mr. McLaughlin,

Please find the enclosed Plugging permit for the Dolly Evans 1 2513; 47-023-00012.

Sincerely,

A handwritten signature in black ink, appearing to read "Keri Fieno".

Keri Fieno
Regulatory Specialist

Enclosures

47023000129



September 4, 2024

Jeff McLaughlin
WV DEP
601 57th Street SE
Charleston, WV 25304

VIA UPS OVERNIGHT

Re: Landowner Request

Mr. McLaughlin,

We have reviewed the attached landowner owner request for the Dolly Evans 1 2513 pad site. Chesapeake is aware of the affected areas Mr. Shawn Smith referenced and intends to repair the areas in the process of restoring this pad site after P&A activities are complete.

Sincerely,

A handwritten signature in black ink, appearing to read "Keri Fieno".

Keri Fieno
Regulatory Specialist

RECEIVED
Office of Oil and Gas

SEP 4 2024

WV Department of
Environmental Protection

WW-4A
Revised 6-07

RECEIVED
Office Of Oil and Gas

SEP 03 2024

WV Department of
Environmental Protection

1) Date: 8/22/2024
2) Operator's Well Number
CHESAPEAKE APPALACHIA LLC

47023000129

3) API Well No.: 47 - 023 - 00012

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 SHAWN O SMITH	Name NONE
Address 268 BIG STARR LANE	Address
MAYSVILLE, WV 26833	
(b) Name KARI L EVANS	(b) Coal Owner(s) with Declaration
Address 1130 HIGH KNOB FARM ROAD	Name NONE
MAYSVILLE, WV 26833	Address
(c) Name	Name
Address	Address
6) Inspector GAYNE J KNITOWSKI	(c) Coal Lessee with Declaration
Address 601 57TH STREET SE	Name NONE
CHARLESTON WV 25304	Address
Telephone 304546-8171	

RECEIVED
Office of Oil and Gas

SEP 4 2024

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

- (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.

Commonwealth of Pennsylvania - Notary Seal
Carla M. Harris, Notary Public
Bradford County
My commission expires October 22, 2026
Commission number 1286242
Member, Pennsylvania Association of Notaries

Well Operator CHESAPEAKE APPALACHIA LLC
By: KERI FIENO
Its: REGULATORY SPECIALIST
Address PO BOX 18496
OKLAHOMA CITY, OK 73154-0496
Telephone 405-766-8791

Subscribed and sworn before me this 27th day of August 2024
Carla M. Harris Notary Public

My Commission Expires October 22, 2026

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.

09/13/2024

4702300012

Shawn Smith

268 Big Starr Ln.

Maysville WV 26833

304-749-8867

RECEIVED
Office Of Oil and Gas

SEP 03 2024

WV Department of
Environmental Protection

DOLLY EVANS 1 2513

Union District

Grant County, WV

There are two sink holes on this well pad. I would like fixed and any future sink holes as well

RECEIVED
Office of Oil and Gas

SEP 4 2024

WV Department of
Environmental Protection

09/13/2024

RECEIVED
Office

4702300012
RECEIVED
Office Of Oil and Gas

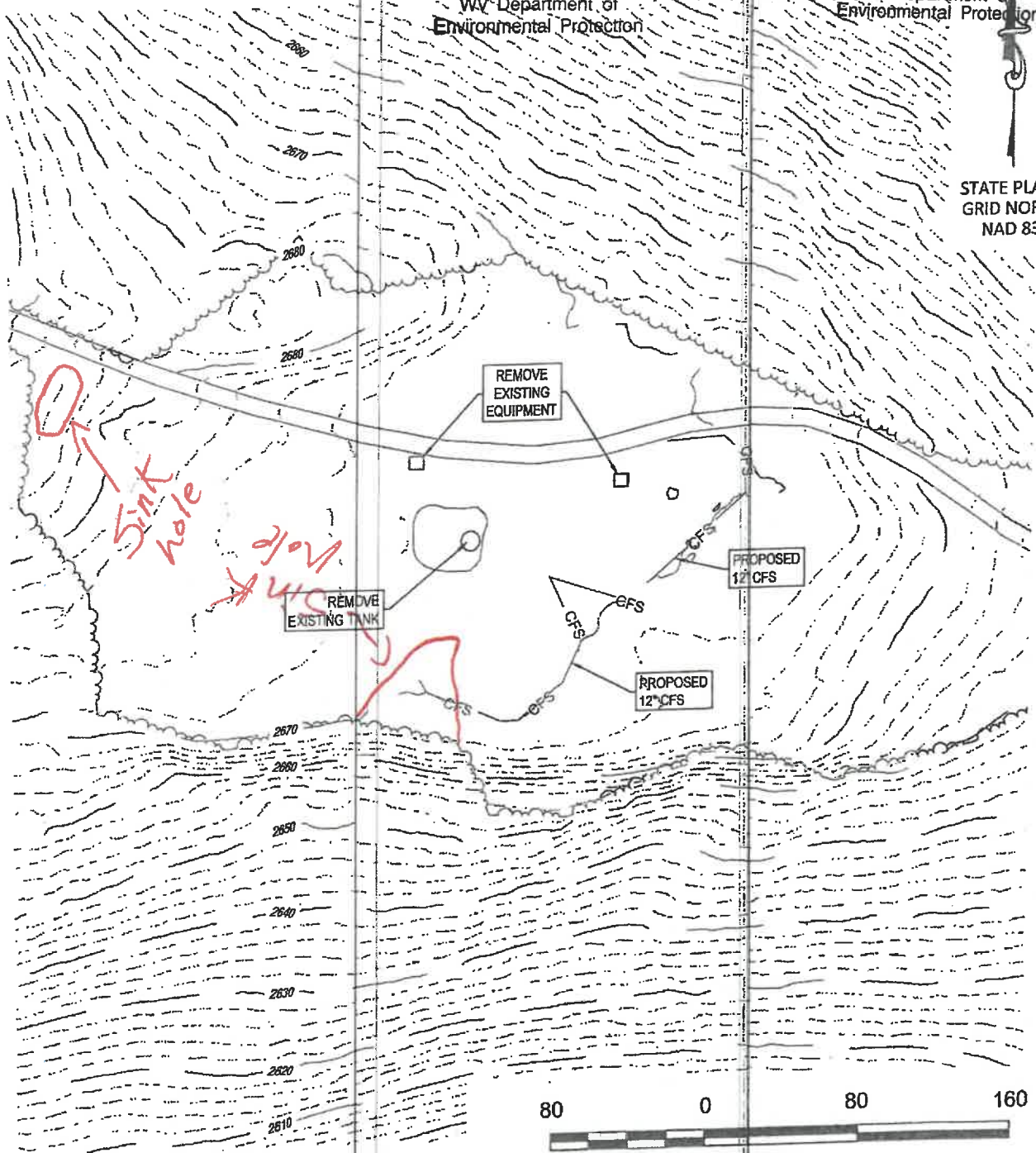
SEP 4 2024

SEP 03 2024

WV Department of
Environmental Protection

WV Department of
Environmental Protection

STATE PLANE
GRID NORTH
NAD 83



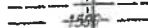

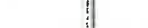
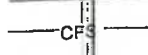
NOTE: ALL PRODUCTION FACILITIES
WILL BE REMOVED UPON COMPLETION
OF THE PLUGGING OPERATIONS.

SCALE IN FEET

DOLLY EVANS 1 2513
SITE RECLAMATION
API# 47-023-00012
FOR
CHESAPEAKE ENERGY
LOCATED IN
GRANT COUNTY, WEST VIRGINIA

SITE PLAN

LEGEND

- EXISTING CONTOUR 
- EXISTING TREE LINE 
- EXISTING PUBLIC ROAD 
- COMPOSITE FILTER SOCK 



844-543-4757
466 SOUTH MAIN STREET
MONTROSE, PA 18801
PA • OH • NY • WV • VA • MD

09/13/2024