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

June 27, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-3902723, issued to MCKOWN, C.I. & SON, INC., is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

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 penalities 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: 66
Farm Name: BLUE CREEK COAL & LAND
API Well Number: 47-3902723
Permit Type: Plugging
Date Issued: 06/27/2014

Promoting a healthy environment.

3902723P

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.

3902723P

WW-4B
Rev. 2/01

1) Date MARCH 17, 2014
2) Operator's Well No. BLUE CREEK #66
3) API Well No. 47- 039 - 2723

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

5) Location: Elevation 1221 Watershed CAMPBELL'S CREEK
District MALDEN County KANAWHA Quadrangle QUICK 7.5'

6) Well Operator C. I. McKOWN & SON, INC.
Address P.O. BOX 711
NEWTON, WV 25266

7) Designated Agent C. I. McKOWN, II
Address P.O. BOX 711
NEWTON, WV 25266

8) Oil and Gas Inspector to be notified
Name TERRY URBAN
Address P.O. BOX 1207
CLENDENIN, WV 25045

9) Plugging Contractor
Name C. I. McKOWN & SON, INC.
Address P.O. BOX 711
NEWTON, WV 25266

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

GEL FROM TD TO 2280'

SET CEMENT PLUG FROM 2280' TO 2180'

CUT 4 1/2" CASING AT ABOUT 1600' (OR FREE POINT)

GEL FROM 2180' TO 1650' (OR FREE POINT)

SET CEMENT PLUG FROM 1650' TO 1550' (OR OVER CUT)

GEL FROM 1550' TO 1000'

SET CEMENT PLUG FROM 1000' TO 900' ABOVE SALT SAND

GEL FROM 900' TO 790'

SEE ADDITIONAL PAGE

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

RECEIVED Office of Oil and Gas APR 28 2014 WV Department of Environmental Protection

Work order approved by inspector Terry Urban Date 4-15-14

39 0 27231

WW-4B
Rev. 2/01

1) Date MARCH 17, 2014
2) Operator's
Well No. BLUE CREEK #66
3) API Well No. 47- 039 - 2723

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

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Address P.O. BOX 1207
CLENDENIN, WV 25045

9) Plugging Contractor
Name C. I. McKOWN & SON, INC.
Address P.O. BOX 711
NEWTON, WV 25266

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

CONTINUED FROM FIRST PAGE

SET CEMENT PLUG 790' TO 710' conc

GEL FROM 710' TO 610'

SET CEMENT PLUG FROM 610' TO 190' conc

GEL FROM 190' TO 100'

CEMENT FROM 100' TO SURFACE

ERECT MONUMENT

May Change plugs on location

ok pm

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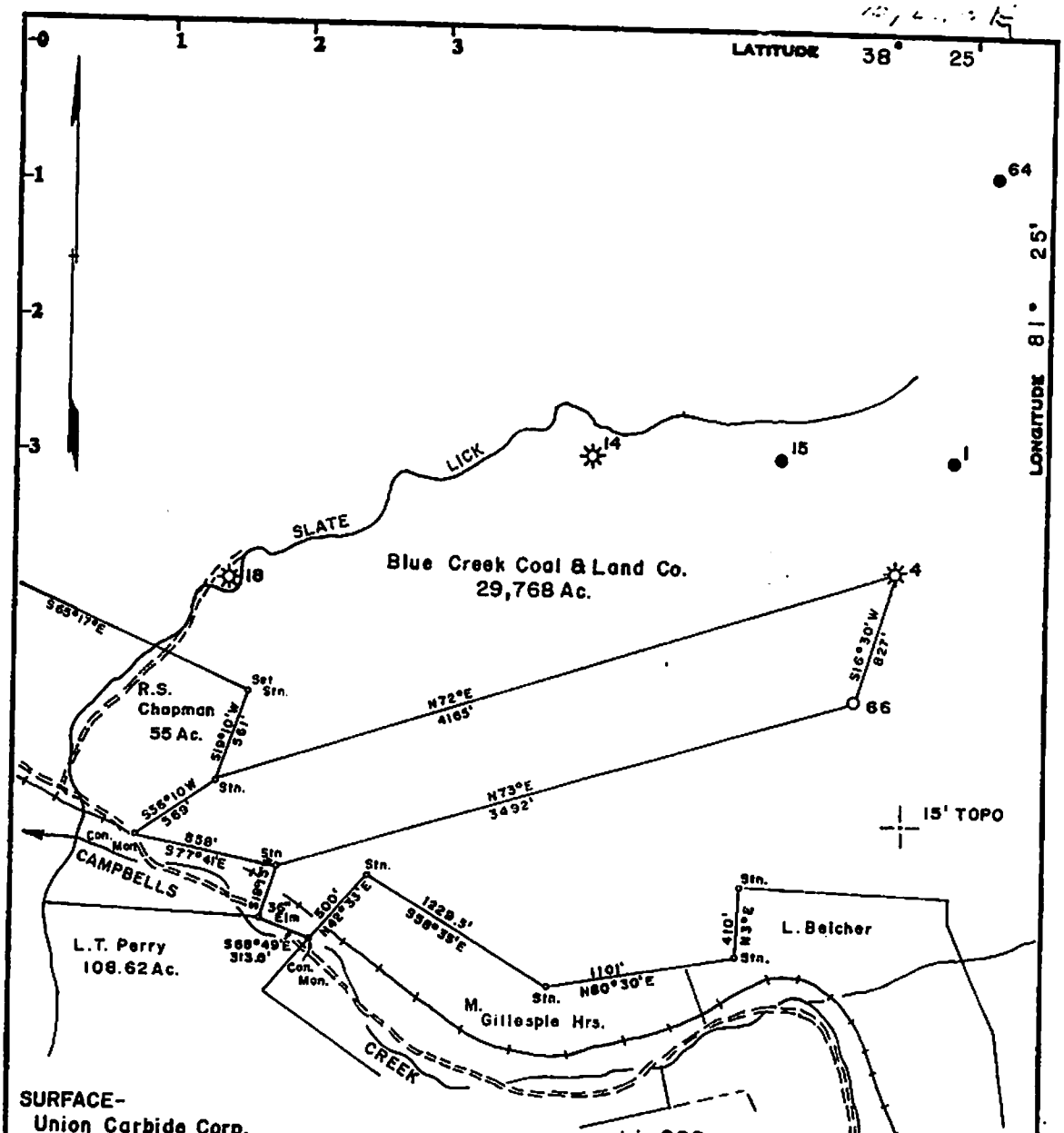
Office of Oil and Gas
APR 28 2014
WV Department of
Environmental Protection

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

Work order approved by inspector [signature] Date 4-15-14

Plat & Completion For 47-039-2723



Minimum Error of Closure 1 in 200

Source of Elevation Blue Creek Gas Co. #4

Elevation - 1160.42

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

Signed: Curtis A. Lucas

Fracture ☐
New Location ☒
Drill Deeper ☐
Abandonment ☐

Map No. 110 Squares: N S 75 E W 48

Company PENNZOIL COMPANY
Address P.O. Box 1588, Parkersburg, W. Va. 26101
UNION CARBIDE SURF...
Farm BLUE CREEK LAND & COAL CO.
Tract ____ Acres 29,768 Lease No. 57822-50
Well (Farm) No. 66 Serial No. ____
Elevation (Spirit Level) 1221.32
Quadrangle CLENDENIN 15'
County KANAWHA District MALDEN
Surveyor CURTIS A. LUCAS
Surveyor's Registration No. 275
File No. 44 Drawing No. ____
Date 10-27-78 Scale 1" = 800'

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

WELL LOCATION MAP

FILE NO. KAN-2723

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

47-039

BRUNING 44-131 27198

3902723P

OG-10
Rev. - 9-71

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Rotary X Oil ____
Cable ____ Gas ____
Recycling ____ Comb. XX
Water Flood ____ Storage ____
Disposal ____ ____ (Kind)

Quadrangle Glendenin

Permit No. Kan-2723

Company Pennzoil Company
Address P. O. Box 1588, Parkersburg, W. Va. 26101
Farm Blue Creek Coal and Land Co. Acres 29,768
Location (waters) Campbell's Creek
Well No. 66 Elev. 1221.32'
District Malden County Kanawha
The surface of tract is owned in fee by
Union Carbide Corporation
Address Rt. #2, Box 224 B, Glendenin, W. Va.
Mineral rights are owned by Same as Above
____ Address ____
Drilling Commenced 11-1-75
Drilling Completed 11-6-75
Initial open flow 12,000 cu. ft. 6 bbls.
Final production 12,000 cu. ft. per day 3 bbls.
Well open ____ hrs. before test ____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8	567	567	325 sks.
7			
5 1/2			
4 1/2	2302.85	2302.85	75 sks.
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Coal was encountered at ____ Feet ____ Inches
Fresh water ____ Feet ____ Salt Water ____ Feet ____
Producing Sand Berea Depth ____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Substructure			0	7		
Rock			7	140		
Rock & Shale			140	222		
Coal			222	228		
Sand & Shale			228	294		
Coal			294	295		
Sand & Shale			295	323		
Coal			323	325		
Sand			325	427		
Coal			427	430		
Sand & Shale			430	740		
Coal			740	742		
Sand & Shale			742	1042		
Salt Sand			1042	1598		
Little Lime			1598	1638		
Pencil Cave			1638	1664		
Big Lime			1664	1730		
McCrady Shale			1730	1830		
Pocono Injun			1830	1873		
Shale			1873	1936		
Weir			1936	1946		
Shale			1946	2230		
Coffee Shale			2230	2256		
Berea			2256	2264		(over)

(over)

* Indicates Electric Log tops in the remarks section.

3902723P

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Shale			2264	2302		
Total Depth				2302		

Date Jan 22, 19 76

APPROVED Pennzoil Co., Owner

By Curtis A. Lewis

(Title) Surveyor

Form No 989 1M 1/68 M'G. 7192

3902723P

FINAL REPORT

PENNZOIL COMPANY

NEW WELL REPORT

Lease No. 57822-50 29,768 Acres

Working District Southern Area

Map No. 110

Blue Creek Coal & Land Co. Farm

Well No. 66 N. S. 75 E. W. 48

Maluen District or Township

Kanawha County

Clendenin Qua

Location Made October 27, 19 75

Drilling Commenced November 1, 19 75

Drilling Equipment Used ☐ Spudder ☒ Rotary

Drilling Completed November 6, 19 75

Drilling Equipment Furnished by FWA Drilling Company

Total Depth 2300 Sand Berea

Elevation: Floor 1228.32

Drilling Contractor FWA Drilling Company

Elevation: Ground 1221.32

Work Order No. 70-25750

FORMATION RECORD

Kind	Top	Bottom	Steel Line Meas.	Test	Kind	Top	Bottom	Steel Line Meas.	Test
Substructure	0	7							
Rock	7	140							
Rock & Shale	140	222							
Coal	222	228							
Sand & Shale	228	294							
Coal	294	295							
Sand & Shale	295	323							
Coal	323	325							
Sand	325	427							
Coal	427	430							
Sand & Shale	430	740							
Coal	740	742							
Sand & Shale	742	1042							
Salt Sand	1042	1598							
Little Lime	1598	1638							
Pencil Cave	1638	1664							
Big Lime	1664	1730							
McCrady Shale	1730	1830							
Pocono Injun	1830	1873							
Shale	1873	1936							
Wier Sand	1936	1946							
Shale	1946	2230							
Coffee Shale	2230	2256							
Berea	2256	2264							
Shale	2264	2302							
Total Depth		2302							
Logged by Basin Surveys 11-6-75 To 2302.									

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(OVER)

3902723P

NEW WELL REPORT — CONTINUED

INITIAL TORPEDO RECORD

Date of Shot	
Name of Torpedo Co.	
No. of Quarts	
Length of Shell	
Diameter of Shell	
Length of Anchor	
Top of Shot	
Bottom of Shot	
Feet of Fluid in Hole When Shot	
Results:	

CASING AND TUBING RECORD

SIZE	PUT IN WELL TRANSFER NO.	PUT IN WELL FEET	PUT IN WELL INCH	PULLED OUT TRANSFER NO.	PULLED OUT FEET	PULLED OUT INCH
8 5/8"		563	57			
4½"		2314	60			

INITIAL PRODUCTION FIRST 24 HOURS

Open Flow /10ths Water in ____ Inch

____ /10ths Merc. in ____ Inch

Volume ____ Cu. Ft.

Rock Pressure ____ lbs. ____ hrs.

Oil ____ bbls, First 24 hrs.

PACKER RECORD

KIND	SIZE	DEPTH SET	DATE SET
Parmaco Steel Shoe	8 5/8"	567 RKB	11-3-75
Baker Guide Shoe	4½"	2302.85 RKB	11-6-75

ACIDIZATION OR FRACTURING RECORD

DATE WELL ACIDIZED ____

DATE WELL FRACTURED 11-13-75

NAME OF COMPANY Halliburton

(List below materials used in Acidizing or Fracturing, i.e., Sand, Crude Oil, Gasoline, Water, Kerosene, Mothballs, Acid, etc., giving gallons, barrels and pounds.)

725 Bbls. Water
30,000 Lbs. 20/40 Sand
500 Gals. 15% HCL
450 Gals. WG-6 Gel

BREAKDOWN PRESSURE 1980#

PUMPING PRESSURE Max 2400# Min 2200# Avg 2300#

AVERAGE PUMPING RATE/MINUTE 25.0 BPM

PUMPING TIME ____

RESULT AFTER TREATMENT { GAS ____ CU. FT. / OIL ____ BBLS.

ROCK PRESSURE AFTER TREATMENT ____ LBS.

CASING CEMENTED

8 5/8" SIZE 567 RKB FT. 11-3-75 DA

BAGS USED 325 Neat Cement 3% CC 1/8# Flocele per sk.

4½" SIZE 2302.85 RKB FT. 11-6-75 DA

500 Gal. Mud Flush

BAGS USED 75 50/50 Poz-Mix 2% CC 1/8# Flocele

SIZE ____ FT. ____ DAT

BAGS USED ____

SIZE ____ FT. ____ DAT

BAGS USED ____

TOP DEPTH OF CEMENT SHOWN BY TEMPERATURE LOG

REMARKS:

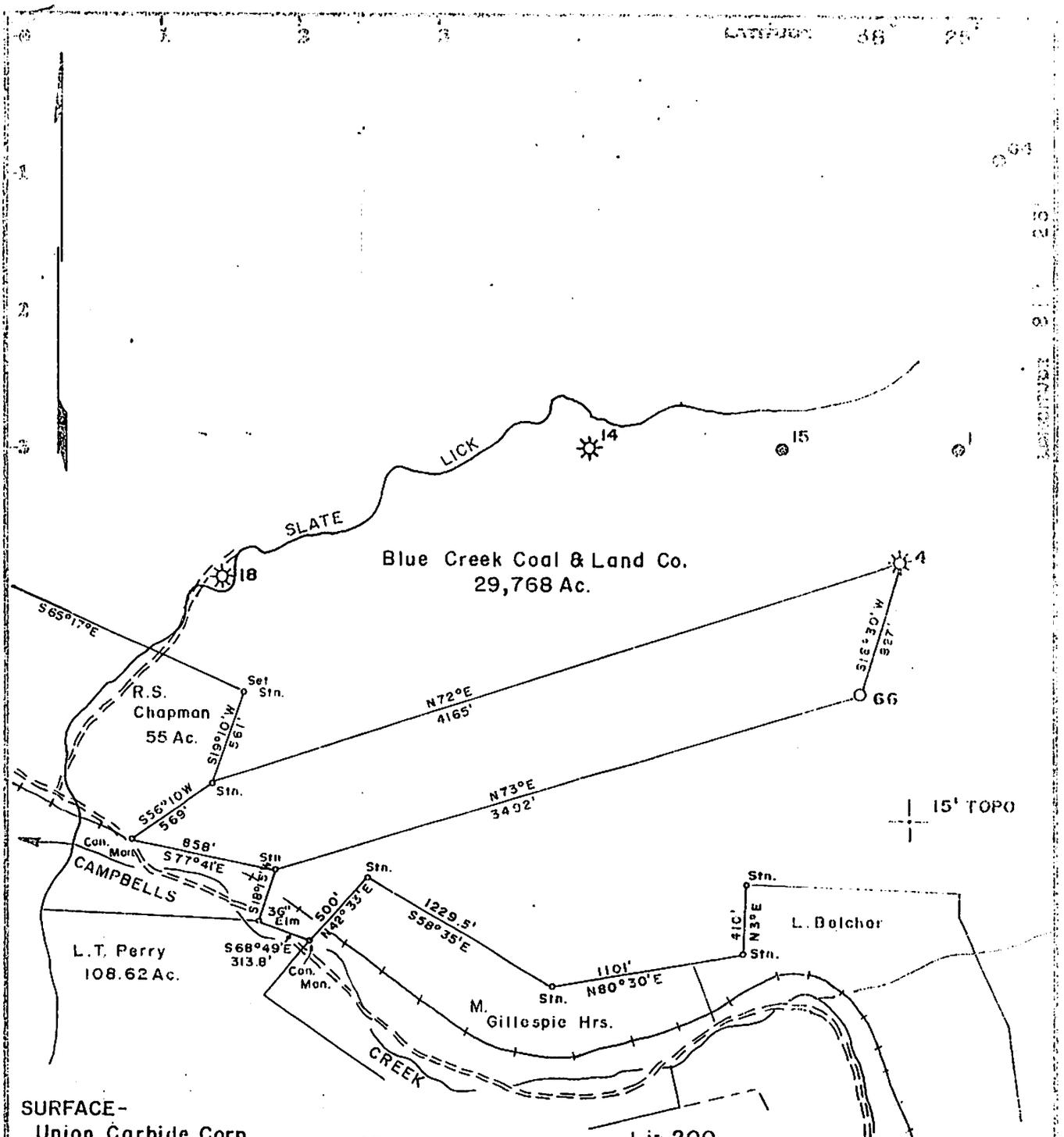
Perforations - 2260 - 2262 (16 holes)

APPROVED

B. J. Palmitier

SUPERINTENDENT

3902723P



SURFACE-
Union Carbide Corp.

Minimum Error of Closure 1 in 200

Source of Elevation Blue Creek Gas Co. #4 (KAN-1679)

Elevation-1160.42

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

Signed: [illegible]

Map No. 110 Squares: N S 75 E W 48

Fracture ☐
New Location ☒
Drill Deeper ☐
Abandonment ☐

Company PENNZOIL COMPANY
Address P. O. Box 1588, Parkersburg, W. Va. 26101
Farm BLUE CREEK LAND & COAL CO.
Tract _____ Acres 29,768 Lease No. 57822-50
Well (Farm) No. 66 Serial No. _____
Elevation (Spirit Level) 1221.32
Quadrangle CLENDENIN 15'
County KANAWHA District MALDEN
Surveyor CURTIS A. LUCAS
Surveyor's Registration No. 275
File No. 44 Drawing No. _____
Date 10-27-75 Scale 1" = 800'

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

WELL LOCATION MAP

FILE NO. _____

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

BRUNING 44-131 27-98

CK8604 3902723P
100.00

WW-4A
Revised 6-07

1) Date: MARCH 17, 2014
2) Operator's Well Number
BLUE CREEK #66

3) API Well No.: 47 - 039 - 2723

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:
(a) Name: BLUE EAGLE LAND, LLC
Address: 148 BRISTOL EAST ROAD
BRISTOL, VA 24202

(b) Name
Address

(c) Name
Address

5) (a) Coal Operator
Name: MIDLAND TRAIL ENERGY, LLC
Address: P.O. BOX 366 110 CATENARY COAL COMPANY ROAD
TAD, WV 25201

(b) Coal Owner(s) with Declaration
Name: BLUE EAGLE LAND, LLC
Address: 148 BRISTOL EAST ROAD
BRISTOL, VA 24202

Name
Address

(c) Coal Lessee with Declaration
Name: ROBIN LAND COMPANY, LLC
Address: 500 LEE STREET EAST, SUITE 900
CHARLESTON, WV 25301

6) Inspector: TERRY URBAN
Address: P.O. BOX 1207
CLENDENIN, WV 25045
Telephone: 304-549-5915

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: C. I. McKOWN & SON, INC.
By:
Its: PRESIDENT
Address: P.O. BOX 711
NEWTON, WV 25266
Telephone: (304) 565-7318

Subscribed and sworn before me this 11th day of April, 2014
Debra L. Kelly Notary Public
My Commission Expires April 2, 2019

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
DEBRA L. KELLY
C.I. McKOWN & SON, INC.
3985 CLAY ROAD
NEWTON, WV 25266
My commission expires April 2, 2019

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Office of Oil & Gas
APR 28 2014
WV Department of Environmental Protection

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.

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NEWTON WV 25266-9998 APR 25 2014

Sent To: Midland Trail Energy, LLC
Street, Apt. No.; or PO Box No.: Po Box 3666 / 110 Catenary Coal Co Rd
City, State, ZIP+4: Tad, WV 25201

PS Form 3800, August 2006 — See Reverse for Instructions

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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 8.66

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NEWTON WV 25266-9998 APR 25 2014

Sent To: Blue Eagle Land, LLC
Street, Apt. No.; or PO Box No.: 148 Bristol East Road
City, State, ZIP+4: Bristol, VA 24202

PS Form 3800, August 2006 — See Reverse for Instructions

7013 1090 0001 6262 7575

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NEWTON WV 25266-9998 APR 25 2014

Sent To: Robin Land Company, LLC
Street, Apt. No.; or PO Box No.: 500 Lee St. East, Suite 900
City, State, ZIP+4: Charleston, WV 25301

PS Form 3800, August 2006 — See Reverse for Instructions

Received

APR 30 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

3902723P

WW-9
Rev. 5/08

Page _____ of _____
API Number 47 - 039 - 02723
Operator's Well No. BLUE CREEK # 66

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 C.I. McKOWN & SON, INC. OP Code 307161

Watershed CAMPBELL'S CREEK Quadrangle QUICK 7.5'

Elevation 1221' County KANAWHA District MALDEN

Description of anticipated Pit Waste: FLUIDS ENCOUNTERED WHILE PLUGGING WELL

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

Proposed Disposal Method For Treated Pit Wastes:

- X Land Application
- X Underground Injection (UIC Permit Number 047-087-01106)
- _____ Reuse (at API Number _____)
- _____ Off Site Dispposal (Supply form WW-9 for disposal location)
- _____ Other (Explain _____

Proposed Work For Which Pit Will Be Used:

- _____ Drilling
- _____ Workover
- _____ Other (Explain _____
- _____ Swabbing
- X 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 _____

Company Official (Typed Name) C.I. McKOWN, II

Company Official Title PRESIDENT

Subscribed and sworn before me this 11th day of April, 2014

Debra L. Kelly Notory Public

My commission expires April 2, 2019

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
DEBRA L. KELLY
C.I. McKOWN & SON, INC.
9965 CLAY ROAD
NEWTON, WV 25266
My commission expires April 2, 2019

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Office of Oil and Gas
APR 28 2014
WV Department of Environmental Protection

3902723P

Form WW-9

Operator's Well No. BLUE CREEK #66

LEGEND

Property Boundary	Diversion
Road	Spring
Existing Fence	Wet Spot
Planned Fence	Drain Pipe with size in inches
Stream	Waterway
Open Ditch	Cross Drain
Rock	Artificial Filter Strip
North N	Pit: cut walls
Buildings	Pit: compacted fill walls
Water wells	Area for Land Application of Pit Waste
Drill site	

Proposed Revegetation Treatment: Acres Disturbed +/- 1/2 ACRE Prevegetation pH _____

Lime 2 Tons/acre or to correct to pH _____

Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)

Mulch STRAW 2 Tons/acre

Seed Mixtures

Area I Seed Type	lbs/acre	Area II Seed Type	lbs/acre
TALL FESCUE	40	TALL FESCUE	40
RED CLOVER	5	RED CLOVER	5
ANNUAL RYE	15	ANNUAL RYE	15

Attach:
Drawing(s) of road, location,pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [signature]

Comments: _____

Title: Inspector Oil & Gas Date: 4-15-14

Field Reviewed? (✓) Yes ( ) No

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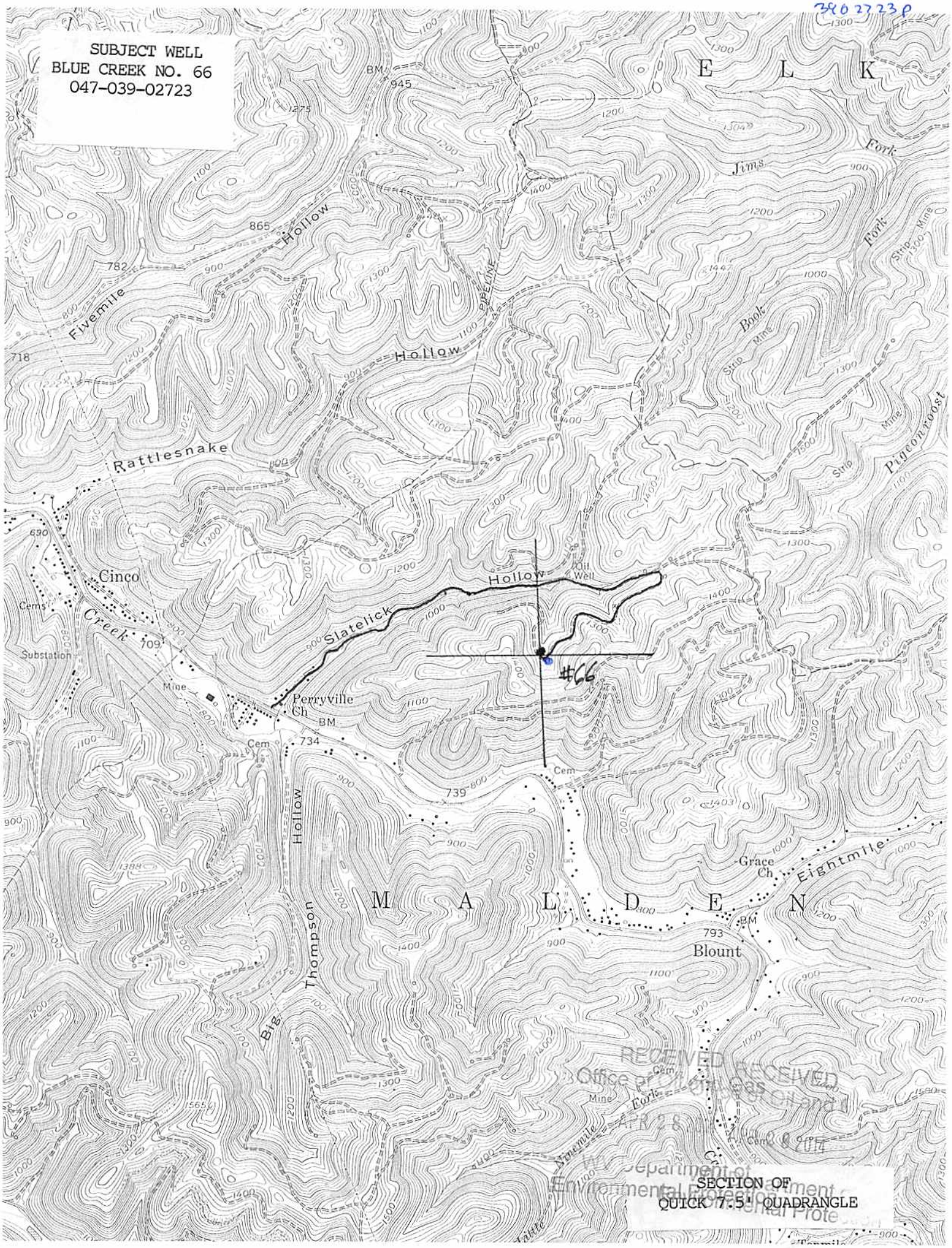
Office of Oil and Gas
APR 28 2014
WV Department of
Environmental Protection

3802723P

SUBJECT WELL
BLUE CREEK NO. 66
047-039-02723



SECTION OF
QUICK 7.5' QUADRANGLE

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Office of Oil and Gas
APR 28 2014
WV Department of
Environmental Protection

3902723P

WW-7
8-30-06

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

API: 047-039-02723 WELL NO.: 66

FARM NAME: BLUE CREEK

RESPONSIBLE PARTY NAME: C.I. McKOWN & SON, INC.

COUNTY: KANAWHA DISTRICT: MALDEN

QUADRANGLE: QUICK 7.5'

SURFACE OWNER: BLUE EAGLE LAND, LLC

ROYALTY OWNER: RANGE RESOURCES - PINE MOUNTAIN INC.

UTM GPS NORTHING: 4,242,916 (NAD 83)

UTM GPS EASTING: 461,721 (NAD 83) GPS ELEVATION: 372 (1221')

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 X: Post Processed Differential X

Real-Time Differential _____

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

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

Signature	Title	Date
	PRESIDENT	4/11/14