



1) Date: October 8, 1984  
 2) Operator: Eastern Associated Coal Corp.  
 Well No. 84, Serial No. 103201  
 3) API Well No. 47 - 039 - 4095  
 State County Permit

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION  
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil  / Gas  /  
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow  /)
- 5) LOCATION: Elevation: 1832.7' Watershed: Tenmile Branch of Paint Creek  
 District: Cabin Creek County: Kanawha Quadrangle: Eskdale
- 6) WELL OPERATOR Ashland Exploration, Inc. 7) DESIGNATED AGENT Forrest Burkett  
 Address P.O. Box 391 Address P.O. Box 156  
Ashland, KY 41114 2150 Brenton, WV 24818
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Rodney G. Dillon Name Ray Resources Drilling Company  
 Address P.O. Box 30, Scarbro, WV 25917 Address 2101 Washington St., East  
304/469-2015 Charleston, WV 25311
- 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate  /  
 Plug off old formation  / Perforate new formation  /  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Rhinestreet Shale
- 12) Estimated depth of completed well, 5965 feet top of \_\_\_\_\_
- 13) Approximate strata depths: Fresh, \_\_\_\_\_ feet; salt, salt sand feet.
- 14) Approximate coal seam depths: 483' (open mine) Is coal being mined in the area? Yes  / No  /
- 15) CASING AND TUBING PROGRAM 703' (open mine)

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	16	H-40	65	X		30	30	15 sks.	Kinds
Fresh water									
Coal	10 3/4	H-40	32.75	X		750	750	Circulate	Sizes
Intermediate	7	K-55	20.0	X		1950	1950	Circulate	
Production	4 1/2	K-55	11.6	X		5800	5800	As Needed	Depths set
Tubing									
Liners									

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-039-4095

November 26, 1984  
 Date

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.  
 Permit expires November 26, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing:	Fee:
<u>10</u>	<u>TS</u>	<u>TS</u>	<u>TS</u>	<u>506217</u>

T. J. Hall  
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File  
 02/09/2024



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) LOCATION: ...  
 2) WELL OPERATOR: ...  
 3) WELL DRILLING CONTRACTOR: ...  
 4) APPROXIMATE ESTIMATE: ...  
 5) APPROXIMATE ESTIMATE: ...  
 6) APPROXIMATE ESTIMATE: ...

TESTING AND LOGGING PROGRAM	APPROXIMATE ESTIMATE	APPROXIMATE ESTIMATE	APPROXIMATE ESTIMATE	APPROXIMATE ESTIMATE
10	10-40-63	30	30	13 skel
11	10-40-63	750	750	Circular
12	10-40-63	1950	1950	Circular
13	10-40-63	2800	2800	As needed

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

Date	Date(s)
Application received	Follow-up inspection(s)
Well work started	" "
Completion of the drilling process	" "
Well Record received	" "
Reclamation completed	" "

OTHER INSPECTIONS

Reason: \_\_\_\_\_  
 Reason: \_\_\_\_\_

1) Date: October 8, 1984  
2) Operator's Well #84, Serial #10320  
Well No. Eastern Associated Coal  
3) API Well No. 47 - 039-4095  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Eastern Associated Coal Corp.  
Address One PPG Place  
Pittsburgh, PA 15219  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR None  
Address \_\_\_\_\_

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Eastern Associated Coal Corp.  
Address One PPG Place  
Pittsburgh, PA 15219

Name \_\_\_\_\_  
Address \_\_\_\_\_

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name Imperial Colliery Company  
Address Burnwell, WV 25034

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan 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 Administrator.

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

John H. Burtnett

this 8th day of October, 1984.

My commission expires Nov. 23, 1986.

Wicki W. Dosta

Notary Public, State-at-Large County, State of Kentucky

WELL

OPERATOR Ashland Exploration, Inc.

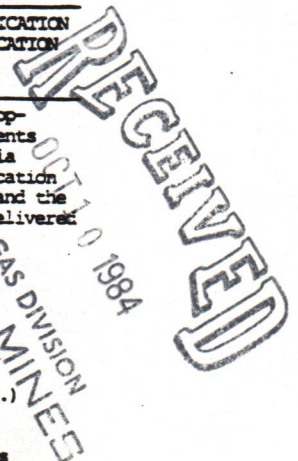
By John H. Burtnett

Its Regional Civil Engineer

Address P.O. Box 391

Ashland, KY 41114

Telephone 606/329-5258



I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code §§ 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

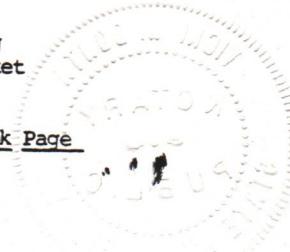
INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book	Page



OCT. 1 1984



IV-9  
(Rev 8-81)

DATE September 27, 1984  
WELL NO. Eastern Associated Coal  
API NO. 47 - 039 - 4095  
Corp. No. 84, Ser. #103201

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Ashland Exploration, Inc. DESIGNATED AGENT Forrest Burkett  
Address Box 391, Ashland, Ky 41114 Address Box 156, Brenton, W.V. 24818  
Telephone 606-329-5258 Telephone 304-732-6677  
LANDOWNER Eastern Associated Coal Corp. SOIL CONS. DISTRICT Capitol  
Revegetation to be carried out by Ashland Exploration, Inc. (Agent)

This plan has been reviewed by Capitol SCD. All corrections and additions become a part of this plan: OCT. 5 1984 (Date)

R.P. [Signature]  
(SCD Agent)

"SEE ATTACHED COMMENTS"

ACCESS ROAD

Structure Culverts, Steel-15" (A)  
Spacing As shown on site plan.  
Page Ref. Manual 2-7 & 2-8  
Structure Headwalls-Rock Rip Rap (B)  
Spacing N/A  
Page Ref. Manual 2-7, 8, 9-10, 11  
Structure Drainage Ditch (C)  
Spacing N/A  
Page Ref. Manual 2-12

Structure Diversion Ditch (1)  
Material Earth  
Page Ref. Manual 2-12 & 2-13  
Structure Drilling Pit (2)  
Material Earth-lined & treated if necessary  
Page Ref. Manual N/A  
Structure Sediment barriers (3)  
Material Straw bales or brush  
Page Ref. Manual 2-16

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I  
Lime 3 Tons/acre  
or correct to pH 6.5  
Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch Straw 2 Tons/acre  
Seed\* Ky 31 Tall Fescue 20 lbs/acre  
Creeping Red Fescue 20 lbs/acre  
Red Top 5 lbs/acre

Treatment Area II  
Lime 3 Tons/acre  
or correct to pH 6.5  
Fertilizer 500 lbs/acre  
(10-20-20 or equivalent)  
Mulch Straw 2 Tons/acre  
Seed\* Ky 31 Tall Fescue 20 lbs/acre  
Creeping Red Fescue 20 lbs/acre  
Red Top 3 lbs/acre

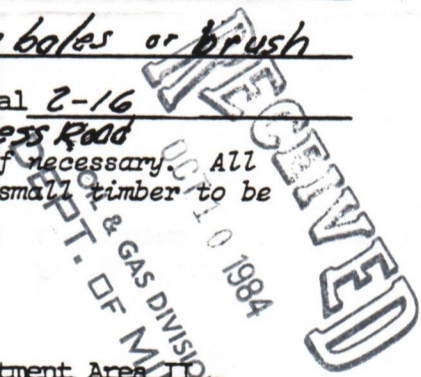
\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY John H. Burnett 02/09/2024

ADDRESS Box 391, Ashland, Ky 41114

PHONE NO. 606-329-5258

NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.





Eastern Associated Coal #84

Eastern Associated Coal #84

Eastern Associated Coal #84

CONSULT POSTMASTER FOR FEES

- 1. The following service is requested (check one):
    - Show to whom and date delivered
    - Show to whom, date, and address of delivery
    - RESTRICTED DELIVERY
- (The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$

3. ARTICLE ADDRESSED TO:

Michael Eddy, Jr.; Manager of Prop. Eastern Associated Coal Corp. One PPG Place Pittsburgh, PA 15219

4. TYPE OF SERVICE: REGISTERED INSURED CERTIFIED COD EXPRESS MAIL

ARTICLE NUMBER A0-9800

(Always obtain signature of addressee or agent)

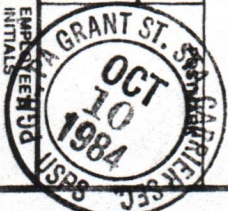
I have received the article described above.

SIGNATURE [Signature] Addressed Authorized agent

5. DATE OF DELIVERY 10-10-84

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:



CONSULT POSTMASTER FOR FEES

- 1. The following service is requested (check one):
    - Show to whom and date delivered
    - Show to whom, date, and address of delivery
    - RESTRICTED DELIVERY
- (The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$

3. ARTICLE ADDRESSED TO:

Mike Beckett, Land Agent Eastern Associated Coal Corp. Box 70 Beckley, WV 25801

4. TYPE OF SERVICE: REGISTERED INSURED CERTIFIED COD EXPRESS MAIL

ARTICLE NUMBER A0-98002

(Always obtain signature of addressee or agent)

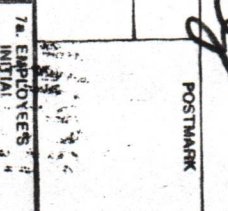
I have received the article described above.

SIGNATURE [Signature] Addressed Authorized agent

5. DATE OF DELIVERY 10-10-84

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:



CONSULT POSTMASTER FOR FEES

- 1. The following service is requested (check one):
    - Show to whom and date delivered
    - Show to whom, date, and address of delivery
    - RESTRICTED DELIVERY
- (The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$

3. ARTICLE ADDRESSED TO:

Imperial Colliery Company Rich Bonham, Chief Engineer Burnwell, WV 25034

4. TYPE OF SERVICE: REGISTERED INSURED CERTIFIED COD EXPRESS MAIL

ARTICLE NUMBER A0-9801

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE [Signature] Addressed Authorized agent

5. DATE OF DELIVERY 10-9-84

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:



02/09/2024



IV-35  
(Rev 8-81)

RECEIVED  
APR 12 1985

OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia

Department of Mines  
Oil and Gas Division

Date 4/11/85  
Operator's \_\_\_\_\_  
Well No. 84  
Farm Eastern Associated Coal Cor  
API No. 47 - 039 - 4095

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil \_\_\_ / Gas X / Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
(If "Gas," Production X / Underground Storage \_\_\_ / Deep \_\_\_ / Shallow X /)

LOCATION: Elevation: 1832.7' Watershed Ten Mile Branch of Paint Creek  
District: Cabin Creek County Kanawha Quadrangle Eskdale

COMPANY Ashland Exploration, Inc.  
ADDRESS P. O. Box 391, Ashland, KY 41114  
DESIGNATED AGENT Forrest Burkett  
ADDRESS P. O. Box 156 Brenton, WV 24818  
SURFACE OWNER Eastern Associated Coal Corp.  
ADDRESS One PPG Place, Pittsburgh, PA 15219  
MINERAL RIGHTS OWNER Same as above  
ADDRESS \_\_\_\_\_  
OIL AND GAS INSPECTOR FOR THIS WORK Rodney  
Dillon ADDRESS Box 30, Scabro, WV 25917  
PERMIT ISSUED 11/26/84  
DRILLING COMMENCED 01/05/85  
DRILLING COMPLETED 01/23/85

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.	27	27	12 sks
13-10"	761	761	363 sks
9 5/8			
8 5/8			
7	1810	1810	325 sks
5 1/2			
4 1/2	5755'	5755'	150sks
3			
2			
Liners used			

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Rhine Street Shale (Devonian) Depth 5965 feet  
Depth of completed well 5965 feet Rotary X / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 90 feet; Salt \_\_\_\_\_ feet  
Coal seam depths: 459', 599', 709' Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 5110-5130 feet  
Gas: Initial open flow 25 Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 641 Mcf/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests 3 hours

Static rock pressure 750 psig (surface measurement) after 144 hours shut in  
(If applicable due to multiple completion--)  
M & U Weir 2927-3006 2724-2766 **02/09/2024**

Second producing formation B. Lime & L. Maxton Pay zone depth 2376-2434 feet  
Gas: Initial open flow 25 Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 492 Mcf/d Oil: Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests 3 hours

Static rock pressure 250 psig (surface measurement) after 144 hours shut in

(Continue on reverse side)

KAN. - 4095



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

OH N<sub>2</sub> frac L. Dev. Shale 5755-5965 using 1.5 MMCF N<sub>2</sub>. BD @ 4250#, ATP 3676# @ 80,000 SCF/min. MTP 4500# (lower rate to 30,000 SCF/min) ISIP 2200#, 15 min 1710#.

Perf U. Dev. Shale 20H/5110-5730. N<sub>2</sub> frac using 1,512,000 SCF N<sub>2</sub>. BD @ 3500#, ATP 3466# @ 78,000 SCF/min, ISIP 2000#, 15 min 620#.

Perf M. Weir 10H/2996-3006 - U. Weir 10H/2927-2932 - 75 Q foam frac using 40,000# 20/40 sd, 304,000 SCF N<sub>2</sub>, 192 bbl TL&FW, 131 bbl. TSLF. BD @ 950#, MTP 967# @ 20 B/M foam (8,000 SCF/min N<sub>2</sub>) ISIP 470#.

Perf B. Lime 12H/2724-2766 - Acidize w/2000 gal 15% HCl. BD @ 1100#, ATP 1500# @ 5 B/M, ISIP 1250#.

Perf L. Maxton 15H/2414-2434 - 75 Q foam frac using 24,500# 20/50 sd, 380,000 SCF N<sub>2</sub>, 145 bbl TL&FW, 114 bbl. TSLF. BD @ 3480# ATP 3897# @ 30 B/M foam. (8.4 B/M wtr & 20,000 SCF/min) ISIP 3100#

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Shaley Sand			0	750	
Silty Shale			750	1123	
Salt Sand			1123	1775	
Shale			1775	1943	
Avis LS			1943	1974	
Shale			1974	2363	
Lower Maxton			2363	2440	
Shale			2440	2443	
Little Lime			2443	2563	
Pencil Cave			2563	2579	
Big Lime			2579	2816	
Shale			2816	2823	
Injun			2823	2881	
Shale			2881	2926	
Upper Weir			2926	2934	
Shale			2934	2991	
Middle Weir			2991	3008	
Shale			3008	3015	
Lower Weir			3015	3050	
Shale			3050	3272	
Coffee Shale			3272	3296	
Berea			3296	3338	
Devonian Shale			3338	3519	
Gordon			3519	3532	
Devonian Shale			3532	TD	
DTD	5965				
LTD	5964				

(Attach separate sheets as necessary)

ASHLAND EXPLORATION, INC.

Well Operator

By: *Alfred A. Vona*

02/09/2024

Date: April 11, 1985

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 coal, encountered in the drilling of a well."

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

RECEIVED

JAN 22 1985

INSPECTOR'S WELL REPORT OIL & GAS DIVISION

DEPT. OF MINES  
Oil or Gas Well \_\_\_\_\_  
(KIND)

Permit No. 039-4095

Company <u>Ashland Oil</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Eastern Coal</u>	16			Kind of Packer _____
Well No. <u>Eastern Coal # 84</u>	13			
District <u>Cabin Creek County Kanawha</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Ray Resources Rig 3

Remarks:  
Run 749-40' of 10 3/4" casing. Perforated at 650' Cemented with 363 SKS. Class A 4% Calcium Chloride Plug down at 8:15 a.m.

1-9-85  
DATE

Carlos W. Hively  
DISTRICT WELL INSPECTOR

02/09/2024



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

RECEIVED

JAN 23 1985

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4095

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Ashland</u>	Size			
Address _____	16			Kind of Packer _____
Farm <u>Eastern Coal</u>	13			
Well No. <u>Eastern Coal #84</u>	10			Size of _____
District <u>Cabin Creek County Kanawha</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES FEET _____ INCHES			
	_____ FEET _____ INCHES FEET _____ INCHES			

Drillers' Names Ray Resources Rig #3

Remarks: Drilling surface 275' deep, seeping hole.

1-7-85  
DATE

Carlos W. Hines  
DISTRICT WELL INSPECTOR

02/09/2024



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

RECEIVED

JAN 22 1985

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4095

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Ashland Oil

Address \_\_\_\_\_

Farm Eastern Coal

Well No. Eastern Coal # 84

District Cabin Creek County Kanawha

Drilling commenced \_\_\_\_\_

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names Ray Resources Rig #3

Remarks:  
Drilling at 1095' deep, Dusting hole.

1-10-85  
DATE

Carlos W. Hines  
DISTRICT WELL INSPECTOR

02/09/2024



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

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OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4095

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Ashland oil

Address \_\_\_\_\_

Farm Eastern Coal

Well No. Eastern Coal # 84

District Cabin Creek County Kanawha

Drilling commenced \_\_\_\_\_

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbla., 1st 24 hrs.

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Dat \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names Ray Resources Rig # 3

Remarks: Set 1810' of 7" casing, cemented with 225 SKS. of Class A. on 1-13-85. Drilling at 2912' deep dusting hole 1-16-85.

1-16-85  
DATE

Carlos W. Hardy  
02/09/2024  
DISTRICT WELL INSPECTOR





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

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INSPECTOR'S WELL REPORT  
DEPT. OF MINES

Permit No. 039-4095

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Ashland Oil  
 Address \_\_\_\_\_  
 Farm Eastern Coal  
 Well No. Eastern Coal # 84  
 District Cabin Creek County Kanawha  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 NAME OF SERVICE COMPANY \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names Ray Resources Rig #3

Remarks:  
Drilling at 4876' deep & dusting hole.

1-18-85  
DATE

Carlos W. Hingray  
DISTRICT WELL INSPECTOR

02/09/2024



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

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OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 039-4095

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Ashland Oil

Address \_\_\_\_\_

Farm Eastern Coal

Well No. Eastern Coal # 84

District Cabin Creek County Kanawha

Drilling commenced \_\_\_\_\_

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer _____
16			
13			Size of _____
10			
8 1/4			Depth set _____
6 5/8			
5 3/16			Perf. top _____
3			Perf. bottom _____
2			
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names Ray Resources Rig # 3

Remarks:  
T. D. hole at 5965' deep & Run 4 1/2" casing on 1-19-85.  
Cemented with 150 SKS. Class A. on 1-23-85.

1-23-85  
DATE

Carlson Hines  
DISTRICT WELL INSPECTOR



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

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OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4095

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Ashland Oil  
 Address \_\_\_\_\_  
 Farm Eastern Coal  
 Well No. Eastern coal # 84  
 District Cabin Creek County Kanawha  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 NAME OF SERVICE COMPANY \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names Tri-State well service

Remarks:  
Tri-state on location doing Bond log  
Mc Culough doing log.

2-8-85  
DATE

Charles W. Hines  
DISTRICT WELL INSPECTOR

02/09/2024



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

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OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-4095

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Ashland Oil

Address \_\_\_\_\_

Farm Eastern Coal Co.

Well No. Eastern Coal # 84

District Cabin Creek County Kanawha

Drilling commenced \_\_\_\_\_

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer _____
16			
13			Size of _____
10			
8 1/4			Depth set _____
6 5/8			
5 3/16			Perf. top _____
3			Perf. bottom _____
2			Perf. top _____
Liners Used			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names Tri-state well service Rig #5

Remarks: doing well Frac + Halliburton doing Frac.

2-20-85  
DATE

Carlos W. Hines  
DISTRICT WELL INSPECTOR

02/09/2024





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MAR 5 - 1985

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

OIL & GAS DIVISION

DEPT. OF MINES  
INSPECTOR'S WELL REPORT

Permit No. 039-4095

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>Ashland oil</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			Kind of Packer _____
Farm <u>Eastern Coal</u>	16			Size of _____
Well No. <u>Eastern Coal # 84</u>	13			Depth set _____
District <u>Cabin Creek</u> County <u>Kanawha</u>	10			Perf. top _____
Drilling commenced _____	8 1/4			Perf. bottom _____
Drilling completed _____ Total depth _____	6 5/8			Perf. top _____
Date shot _____ Depth of shot _____	5 3/16			Perf. bottom _____
Initial open flow _____ /10ths Water in _____ Inch	3			Liners Used _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Tri-state well service Rig # 5

Remarks: Acidized well in Big Lime on 3-28-85. Today doing well swab.

3-1-85  
DATE

Carlos W. Hines  
DISTRICT WELL INSPECTOR

02/09/2024



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

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MAR 20 1985

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 039-4095

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>Ashland oil</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Eastern Coal</u>	16			Kind of Packer _____
Well No. <u>Eastern coal # 84</u>	13			
District <u>Cabin Creek</u> County <u>Kanawha</u>	10			Size of _____
Drilling commenced _____	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 3/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Tri-state well service Rig # 5

Remarks: Moved service Rig off location.

3-19-85  
DATE

Carlos W. Hinch 02/09/2024  
DISTRICT WELL INSPECTOR



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

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APR 9 - 1985

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 039-4095

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>Ashland Oil</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Eastern Coal</u>	16			Size of _____
Well No. <u>Eastern Coal # 84</u>	13			
District <u>Cabin Creek</u> County <u>Kanawha</u>	10			Depth set _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Perf. top _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Tri-State Well Service Rig #2

Remarks: service Rig on location doing well sweep.

4-1-85  
DATE

Carlos W. Hines  
DISTRICT WELL INSPECTOR  
02/09/2024





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MAY 8 - 1985

OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
April 17, 1985

COMPANY Ashland Exploration, Inc.

PERMIT NO 039-4095

P. O. Box 391

FARM & WELL NO Eastern Assoc. Coal #84

Ashland, Kentucky 41114

DIST. & COUNTY Cabin Creek/Kanawha

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Carol W. Finely

DATE 5-3-85

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. v. B.  
Administrator-Oil & Gas Division

May 24, 1985  
DATE



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OCT 24 1984

OIL & GAS DIVISION

DEPT. OF MINES

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date: October 24, 1984

Operator's Well No. 84, Ser. #103201

API Well No. 47 - 039 - 4095 State County Permit

OBJECTION UNDER CODE § 22-4-3, CODE § 22-4-3a OR CODE § 22-4-3b TO PROPOSED PERMITTED WORK

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal / (If "Gas", Production X / Underground storage / Deep / Shallow X /) LOCATION: Elevation: 1832.7 Watershed: Keeney Fork of Tenmile Fork of Paint Creek District: Cabin Creek County: Kanawha Quadrangle: Eskdale

WELL OPERATOR Ashland Exploration, Inc. Address Box 391 Ashland, KY 41114 DESIGNATED AGENT Forrest Barkett Address Box 156 Brenton, WV 24818

OIL & GAS INSPECTOR TO BE NOTIFIED: Name Rodney G. Dillon Address P. O. Box 30 Scarbro, WV 25917 Telephone (304) 469-2015 OBJECTING COAL OPERATOR, OWNER OR LESSEE: Name Imperial Colliery Company Address P. O. Box 8 Burnwell, WV 25034

The undersigned is an operator, owner or lessee of coal at the above well location under a deed / lease X / other contract / dated July 1, 1938, to the undersigned from Eastern Associated Coal Corp. (originally Koppers Coal Company)

[If said deed, lease, or other contract has been recorded:] Recorded on, 1938, in the office of the Clerk of the County Commission of Kanawha County, West Virginia, in Lease Book 154 at page 475.

The undersigned has received a copy or has otherwise been informed of: X the above well operator's Oil and Gas Permit Application (Form IV-2), dated 10/8, 1984, the above well operator's Liquid Injection or Waste Disposal Well Permit Application (Form IV-3), dated, 19.

PROPOSED WORK: Drill X / Drill deeper / Redrill / Convert / Fracture or stimulate X / The undersigned hereby objects to the proposed permitted work on the grounds specified below:

(Set forth the objection(s) in detail, using the reverse side of this form if necessary. Indicate in detail the conditions which, if met, would eliminate each objection.)

Imperial Colliery Company objects to the permitting and drilling of the above-captioned well by Ashland Exploration, Inc., for numerous reasons, including, but not limited to:

- 1. Ashland does not have the permission of Imperial Colliery Company to use the road designated on Form IV-9 as "existing coal company road". 2. The proposed coal-protection casing of the well does not fully protect all workable coal beds as required by WV Code 22-4-5 in that such casing is not proposed to a depth of thirty feet deeper than the Little Eagle Seam. The location of the well may also interfere with coal mining operations in said seam. 3. Ashland has not provided responses to the comments of the Capitol Soil Conservation District, which comments and Ashland's failure to comply therewith could impact Imperial's future mining plans and Imperial's mining area permitted with the Department of Natural Resources.

02/09/2024

IMPERIAL COLLIERY COMPANY

Name of Coal Operator, Owner or Lessee

By C. Lynch Christian, Jr. Vice President



STATE OF WEST VIRGINIA  
 SHALLOW GAS WELL REVIEW BOARD  
 CHARLESTON 25305

BEFORE THE SHALLOW GAS WELL REVIEW BOARD  
 OF THE STATE OF WEST VIRGINIA

IN THE MATTER OF THE OBJECTION OF )  
 IMPERIAL COLLIERY COMPANY, COAL )  
 LESSEE, TO THE DRILLING OF A GAS )  
 WELL BY ASHLAND EXPLORATION, INC., )  
 ON THE EASTERN ASSOCIATED COAL )  
 CORPORATION FARM IN CABIN CREEK )  
 DISTRICT, KANAWHA COUNTY, WEST )  
 VIRGINIA. )

CAUSE NO. 45  
 ORDER NO. 1

ORDER

The objecting coal operator, Imperial Colliery Company, did not appear for the pre-hearing conference. The Board proceeded, therefore, to formal hearing to receive evidence from Ashland Exploration, Inc., relating to the objections filed by Imperial Colliery Company on October 24, 1984.

Ashland stated that the elevation of the coal seams used in preparation of their casing program shown on Form IV-2 (B) were received from Imperial, and further, that the proposed casing program is an approximation that will be adjusted to conform to West Virginia Code §22-4-5 as drilling proceeds with the concurrence of the inspector for the Office of Oil and Gas.

The Board therefore Orders the Administrator of the Office and Gas to approve the well permit as submitted by Ashland Exploration, Inc., with the casing installation to be supervised by the department's inspector.

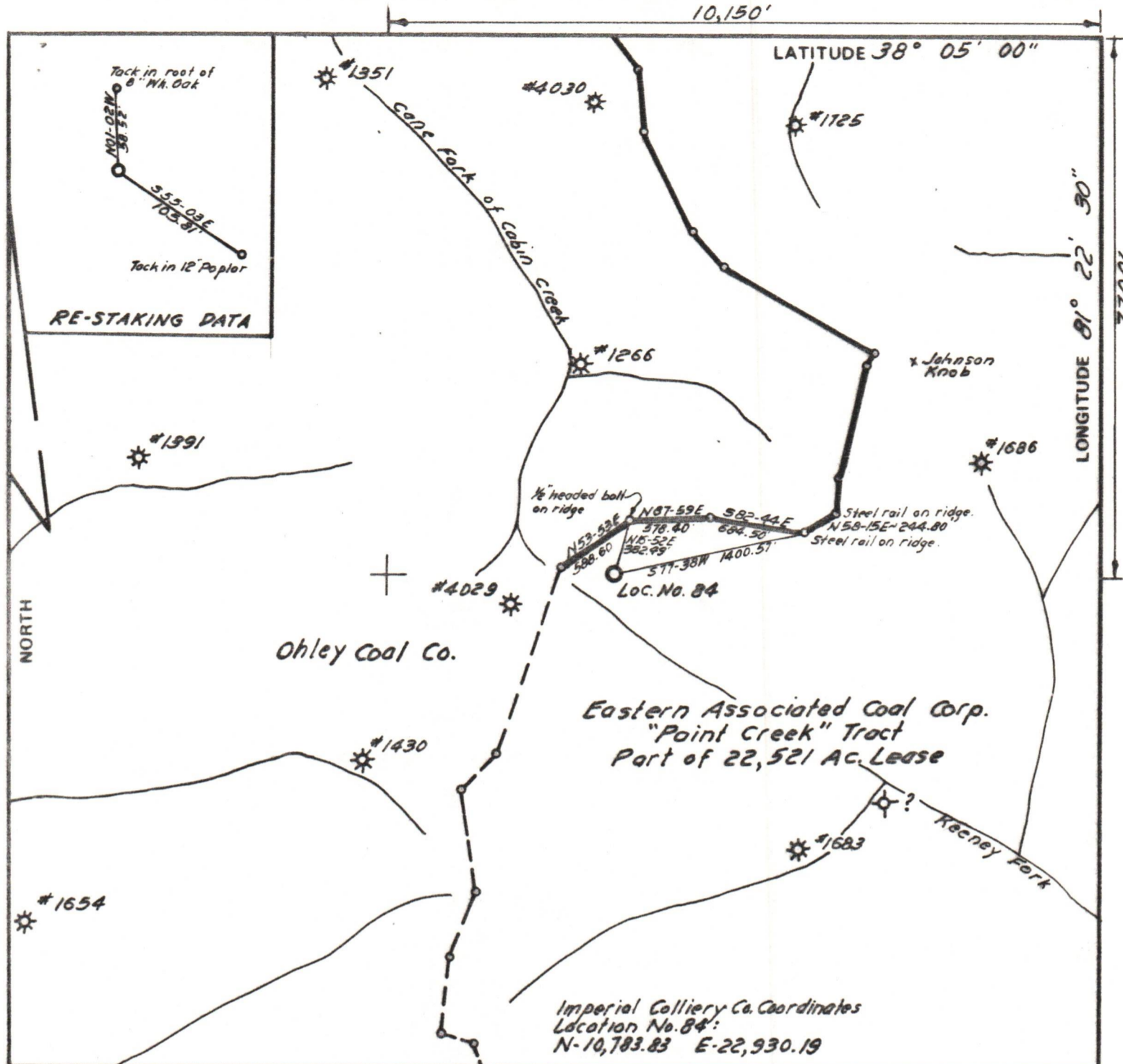
Entered this 14th day of November, 1984.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

SHALLOW GAS WELL REVIEW BOARD  
 OF THE STATE OF WEST VIRGINIA

By: Thomas E. Huzzey  
 Thomas E. Huzzey, Chairman

By: Leonard J. Timms  
 Leonard J. Timms, Member



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1,000'  
 MINIMUM DEGREE OF ACCURACY 1 in 6820  
 PROVEN SOURCE OF ELEVATION B.M. on highway bridge at Standard

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
 (SIGNED) John H. Burnett  
 R.P.E. 1442 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE October 8, 1984  
 OPERATOR'S WELL NO. 84, Ser. #103201  
 API WELL NO. \_\_\_\_\_  
47 - 039 - 4095  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE X DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1832.7 WATER SHED Keeney Fork of Tenmile Fork of Point Creek  
 DISTRICT Cabin Creek COUNTY Kanawha  
 QUADRANGLE Eskdale  
 SURFACE OWNER Eastern Associated Coal Corp. ACREAGE 22.000 ±  
 OIL & GAS ROYALTY OWNER Eastern Associated Coal Corp. LEASE ACREAGE 22.521 LEASE NO. 11909  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Rhines Street Shale ESTIMATED DEPTH 5965  
 WELL OPERATOR Ashland Exploration, Inc. DESIGNATED AGENT Forrest Burkett  
 ADDRESS Box 391, Ashland, Ky. 41114 ADDRESS Box 156, Brenton, WV 24818

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