



1) Date: November 8, 1984
 2) Operator's Well No. A. Huntington #45
 3) API Well No. 47 - 039 - 0135 - PP
 State County Permit

RECEIVED

NOV 13 1984

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

APPLICATION FOR A WELL WORK PERMIT

- OIL & GAS DIVISION**
DEPT. OF MINES
- 4) WELL TYPE: A Oil Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1115.1 Watershed: Sixmile Hollow of Hughes Creek
 District: Cabin Creek County: Kanawha Quadrangle: Montgomery
- 6) WELL OPERATOR Cabot Oil & Gas Corp. of WV 7) DESIGNATED AGENT Robert E. Horrell
 Address P.O. Box 628 Address P.O. Box 628
Charleston, West Virginia 25322 Charleston, West Virginia 25322
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Russell Beall Name UNKNOWN
 Address ~~P.O. Box 160~~ RODNEY DILLON Address _____
Philippi, WV 26416 866-4608 469-2015
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify) Plug back Berea
- 11) GEOLOGICAL TARGET FORMATION, Weir & Big Lime
- 12) Estimated depth of completed well, 2500 feet
- 13) Approximate trata depths: Fresh, 45 feet; salt, N/R feet.
- 14) Approximate coal seam depths: 310', 550' Is coal being mined in the area? Yes / No
- 15) CASING AND TUBING PROGRAM WORKOVER

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS PULLED
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	13"					EXISTING	31'		Kinds HOOKWALL
Fresh water									
Coal	10"					EXISTING	653'		Sizes 2" x 6-5/8"
Intermediate	8"					EXISTING	1531'		
Production	7"					EXISTING	2078'		Depths set 2115'
Tubing	2"					PULLED	2805'		
Liners									Perforations:
	4-1/2"		10.50	X		PROPOSED	2500'	100 sks.	Top Bottom
	1-1/2"		2.75	X		PROPOSED	2400'		

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-039-0135-PP Date November 29, 19 84

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 29, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
30	MH	MN	MN	14077

Margaret J. Hass
 Administrator, Office of Oil and Gas

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



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OCT 1984

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

OFFICE USE ONLY

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

1) LOCATION: Elevation: 1115.1
 2) WELL OPERATOR: Cabot Oil & Gas Corp. of W. Address: P.O. Box 628, Charleston, West Virginia 25322
 3) DESIGNER: Robert E. Horrell, P.E. Address: P.O. Box 628, Charleston, West Virginia 25322
 4) DRILLING CONTRACTOR: UNKNOWN
 5) PROPOSED WELL WORK: Drill, deepen, Redill, Shutin
 6) GEOLOGICAL TARGET FORMATION: Weir & Big Lime
 7) APPROXIMATE DEPTH OF COMPLETED WELL: 2500 feet
 8) APPROXIMATE DEPTH OF DEPTH TEST: 45 feet
 9) APPROXIMATE DEPTH OF DEPTH TEST: 310, 550 feet
 10) CASING AND TURNING PROGRAM WORKOVER

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		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: 30/10/14 Mr. [Name] [Signature]
 Reason: _____

09/08/2023

1) Date: November 8, 1984
2) Operator's Well No. A. Huntington #45
3) API Well No. 47 - 039 - 0135-19
State County Permit

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

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

Cannelton Industries, Inc.

4) SURFACE OWNER(S) OF RECORD TO BE SERVED
First & Merchants National Bank
(i) Name Trust Account of Mariners Museum
Address 2600 Washington Avenue
Newport News, Va. 23607
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR Attn: Jim Staub
Address 1205 One Kanawha Valley Square
Charleston, WV 25301
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD
Name First & Merchants National Bank
Address Trust Account of Mariners Museum
2600 Washington Avenue
Newport News, VA. 23607
Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

P 753 224 464

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

TO THE PERSON(S)

- (1) The Appi to be p and des cementi
- (2) The pla
- (3) The Cor plug a reclam

THE REASON WHICH ARE SUMMA (FORM IV-2(B)) ACTION AT ALL.

Take notic erator proposes for a Well Work Department of M and depicted on Construction an by hand to the before the day

6) EXTRACTION R Check and pr Included I hold The requi

7) ROYALTY PROV Is the right or other con for compensa to the volum If t you may use

U.S.G.P.O. 1983-403-517
PS Form 3800, Feb. 1982

Sent to: Cannelton Industries, Inc
Attn: Mr. Jim Staub
Street and No. 1205 Kanawha Valley Square
P.O., State and ZIP Code Charleston, WV 25301
Postage \$ _____
Certified Fee 75
Special Delivery Fee _____
Restricted Delivery Fee _____
Return Receipt Showing to whom and Date Delivered 60
Return receipt showing to whom, Date, and Address of Delivery _____
TOTAL Postage and Fees \$ _____
Postmark or Date _____

and the following documents:

Form IV-4 if the well is drilling or other work, the proposed casing and

m IV-6; and the well work is only to ment control and for

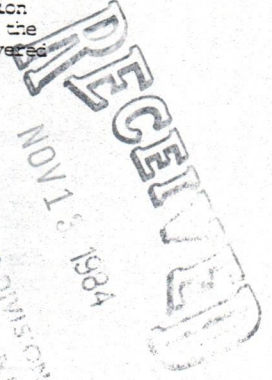
IS REGARDING THE APPLICATION THE COPY OF THE APPLICATION REQUIRED TO TAKE ANY

the undersigned well op nd accompanying documents and Gas, West Virginia bed on attached Application plication, the plat, and the r certified mail or delivered r circumstances) on or

or contracts by which rse side for specifics

d upon a lease or leases or any similar provision is not inherently related ? Yes No X

d. If the answer is Yes,



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 Robert E. Horrell this 8 day of November, 1984. My commission expires March 5, 1989.
Dorene Miller
Notary Public, Kanawha County, State of West Virginia

WELL OPERATOR CABOT OIL & GAS CORPORATION OF WV
By Robert E. Horrell
Its District Drilling Superintendent
Address P.O. Box 628
Charleston, West Virginia 25322
Telephone (304) 347-1600

09/08/2023

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS

P 753 224 461

- 1) Date of Notice
- 2) Your well name
- 3) To be filled c
- 4) & 5) Use separate s
- 4) Surface owner
see also Code
- co-owners of i
in such lands"
- 5(i) "Coal Operator
corporation t
- 5(ii, iii) See Code § 22-
- 6) See Code § 22-
tinuing contra
provided below
- 7) See Code § § 2

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

* U.S.G.P.O. 1983-403-517

Sent to First & Merchants Nat'l Trust Account of Mariners Mus	
Street and No. 2600 Washington Avenue	
P.O., State and ZIP Code Newport News, VA. 23607	
Postage	\$
Certified Fee	75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	
Postmark or Date	NOV 8 1984 25301

Bank application. However,
common or other
section hold interests
ership association or

re(s) or other con-
tion in the space

ginal and required
istrator, accom-
i) a bond in one of
er security allowed
12b and Regulation
ed by Code § 22-4-1a(c)
§ 22-4-8a from the
ed well.

s) and the person(s)
4-2a, and 22-4-2b.

CONCERNING THE REQUIRED

Filing. Code § 22-
copies of the Notice
panied by (i) a plat
the forms prescribed
by Code § 22-4-1k(d)
23, (iv) unless prev
and 22-3-12a, and (v)
owner of any water w

Service. In addition
with an interest in

43 + HS
Huntington
PS Form 3800, Feb. 1982

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

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

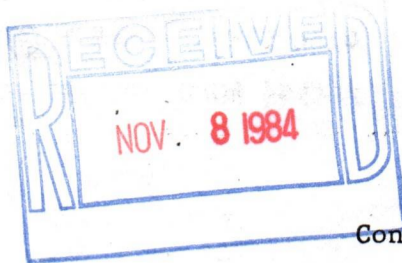
Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (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
First National Bank of Newport News	Godfrey L. Cabot, Inc. (COGC of WV)	12.5%	60	450

(CURRENT ROYALTY OWNER)
First & Merchants National
Bank
Trustee for Mariners Museum





State of West Virginia
Department of Mines
Oil and Gas Division

OCT. 29 1984

Construction and Reclamation Plan

COMPANY NAME Cabot Oil & Gas Corporation of WV DESIGNATED AGENT Robert Horrell
ADDRESS P.O. Box 628, Chas. WV 25322 ADDRESS P.O. Box 628 Chas. WV 25322
TELEPHONE 304-347-1600 TELEPHONE 304-347-1600
LANDOWNER First & Merchants National Bank SOIL CONS. DISTRICT Capitol
Trust Account of Mariners Museum
Revegetation to be carried out by _____ Company Contractor _____ (Agent)

This plan has been reviewed by Capitol SCD. All corrections and additions have become a part of this plan.

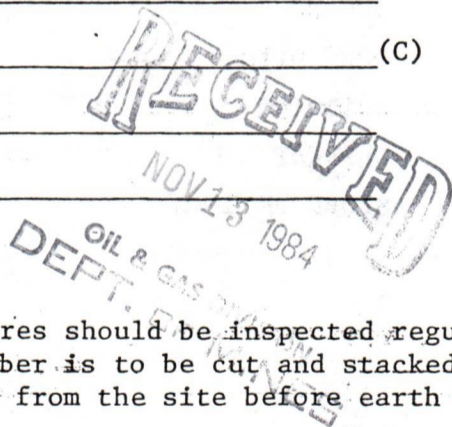
NOV. 06 1984

(Date)

"SEE ATTACHED COMMENTS"

R. C. Alford
(SCD Agent)

ACCESS ROAD	LOCATION
STRUCTURE <u>Ditch Relief Cross Drain</u> (A)	STRUCTURE _____ (1)
SPACING <u>Per Plan</u>	MATERIAL _____
PAGE REF. MANUAL <u>2-1, 2-2, 2-3, 2-4</u>	PAGE REF. MANUAL _____
STRUCTURE <u>Culverts</u> (B)	STRUCTURE <u>Diversion</u> (2)
SPACING <u>Per Plan</u>	MATERIAL <u>Soil</u>
PAGE REF. MANUAL <u>2:7, 2:8, 2:9</u>	PAGE REF. MANUAL <u>2:12, 2:13</u>
STRUCTURE _____ (C)	STRUCTURE <u>Sediment Barrier</u> (3)
SPACING _____	MATERIAL <u>Straw Bales or Filter Fence</u>
PAGE REF. MANUAL _____	PAGE REF. MANUAL <u>2:16, 2:18, 2:19</u>



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 earth work begins.

TREATMENT AREA I		Revegetation	TREATMENT AREA II	
Lime	Tons/acre	Lime	Tons/acre	
<u>or correct to pH 6.5</u>		<u>or correct to pH 6.5</u>		
Fertilizer	lbs/acre	Fertilizer	lbs/acre	
<u>500 (10-20-20 or equivalent)</u>		<u>500 (10-20-20 or equivalent)</u>		
Mulch	Tons/acre	Mulch	Tons/acre	
<u>Hay or Straw @ 1 1/2</u>		<u>Hay or Straw @ 1 1/2</u>		
Seed*	lbs/acre	Seed*	lbs/acre	
<u>Ky 31 Tall Fescue 40</u>		<u>Ky 31 Tall Fescue 40</u>		
<u>Redtop 5</u>		<u>Redtop 5</u>		
	lbs/acre		lbs/acre	


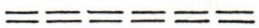
*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X the recommended amount.

PLAN PREPARED BY Robert E. [Signature] 09/08/2023
Cabot Oil and Gas Corporation of
ADDRESS P.O. Box 628
Charleston, WV 25322
PHONE NO. (304) 347-1600

Note: Please request landowner cooperation to protect new seedlings for one growing season. Attach separate sheets as necessary for comments.

LEGEND

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Montgomery




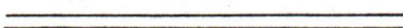














WELL SITE 
ACCESS ROAD 
1821 8

PHOTOCOPY ATTACHED

WELL SITE PLAN

SKETCH TO INCLUDE WELL LOCATION, EXISTING ACCESS ROAD, ROADS TO BE CONSTRUCTED, WELLSITE, DRILLING PITS AND NECESSARY STRUCTURES NUMBERED OR LETTERED TO CORRESPOND WITH THE FIRST PART OF THIS PLAN. INCLUDE ALL NATURAL DRAINAGE.

LEGEND

WELL LOCATION		DRILLING PIT	
PROPOSED ROAD		EXISTING ROAD	
PROPERTY BOUNDARY		DIVERSION	
EXISTING FENCE		PROPOSED FENCE	
STREAM		SPRING	
WET SPOT		OPEN DITCH	
DRAIN PIPE		BUILDING	
WATERWAY		CULVERT	
RIP RAP		SLOPE OF LAND	

SKETCH ATTACHED

COMMENTS: This is an existing well to have additional work performed.

Topsoil will be utilized to construct diversion terraces.

All available topsoil shall be scalped from the work area, stockpiled and utilized for topdressing after the site is regraded.

Existing location to be graded and leveled as required.

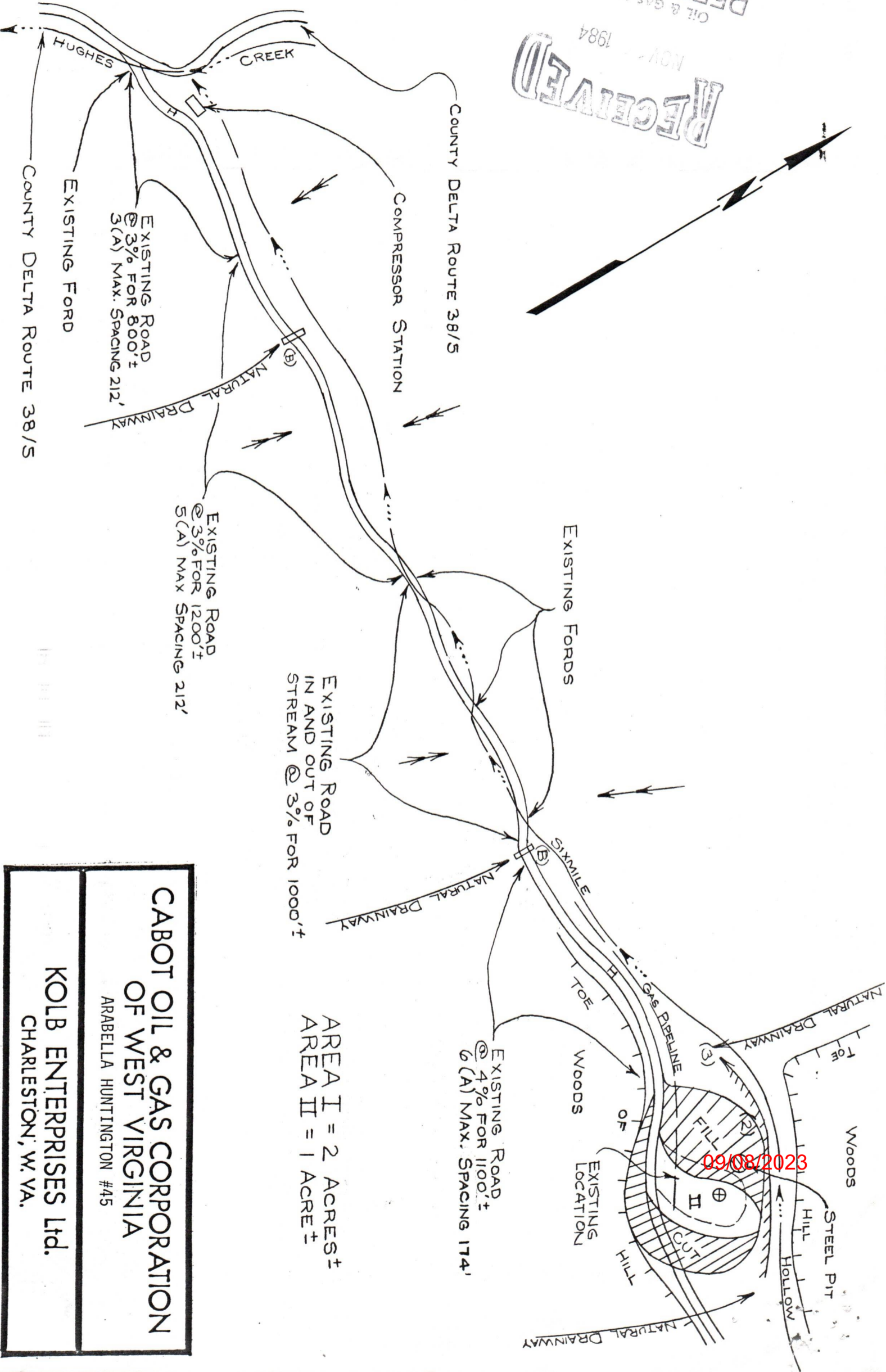
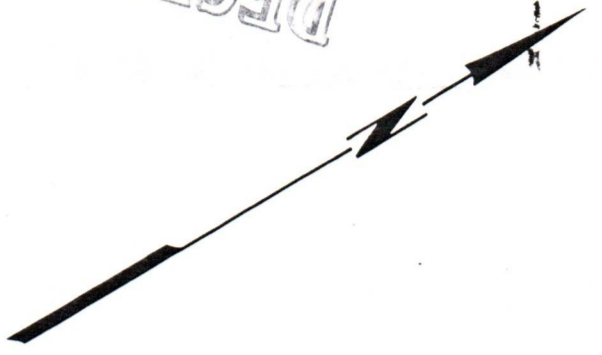
Ditch Relief Cross Drains to be spaced in accordance with Table 1 on Page 2-4 of the erosion and sediment control manual and shall be based upon the as-built slopes of the final road configuration.

09/08/2023

OIL & GAS DIVISION
DEPT. OF MINES

NOV 2 1984

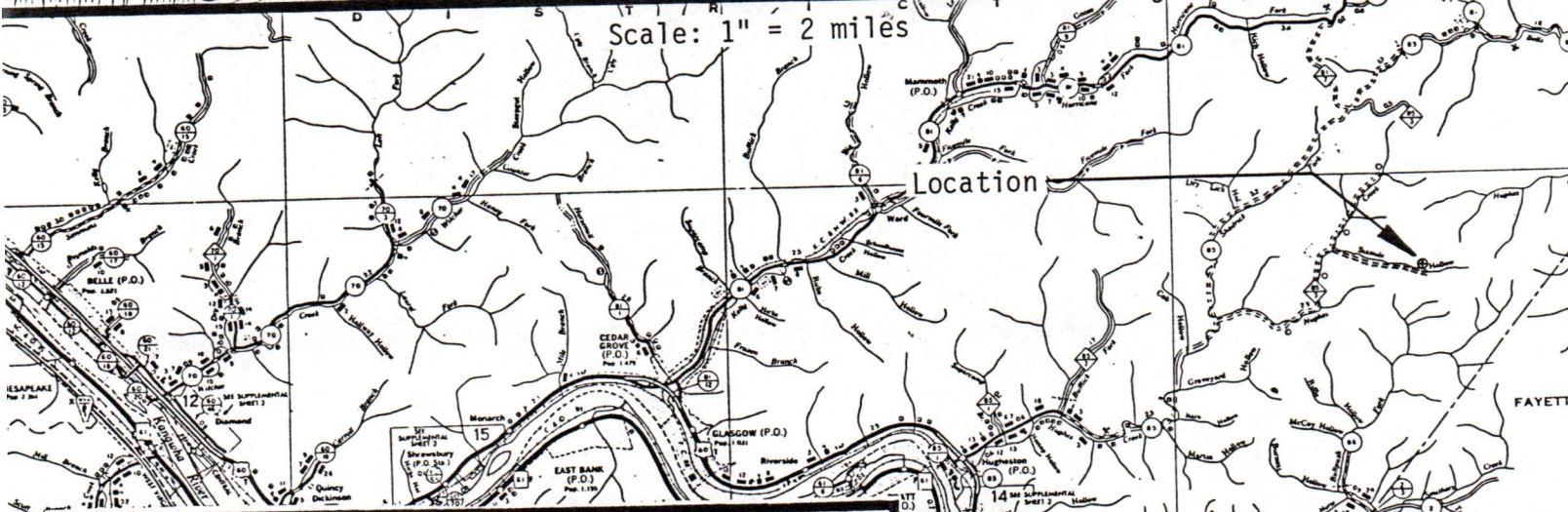
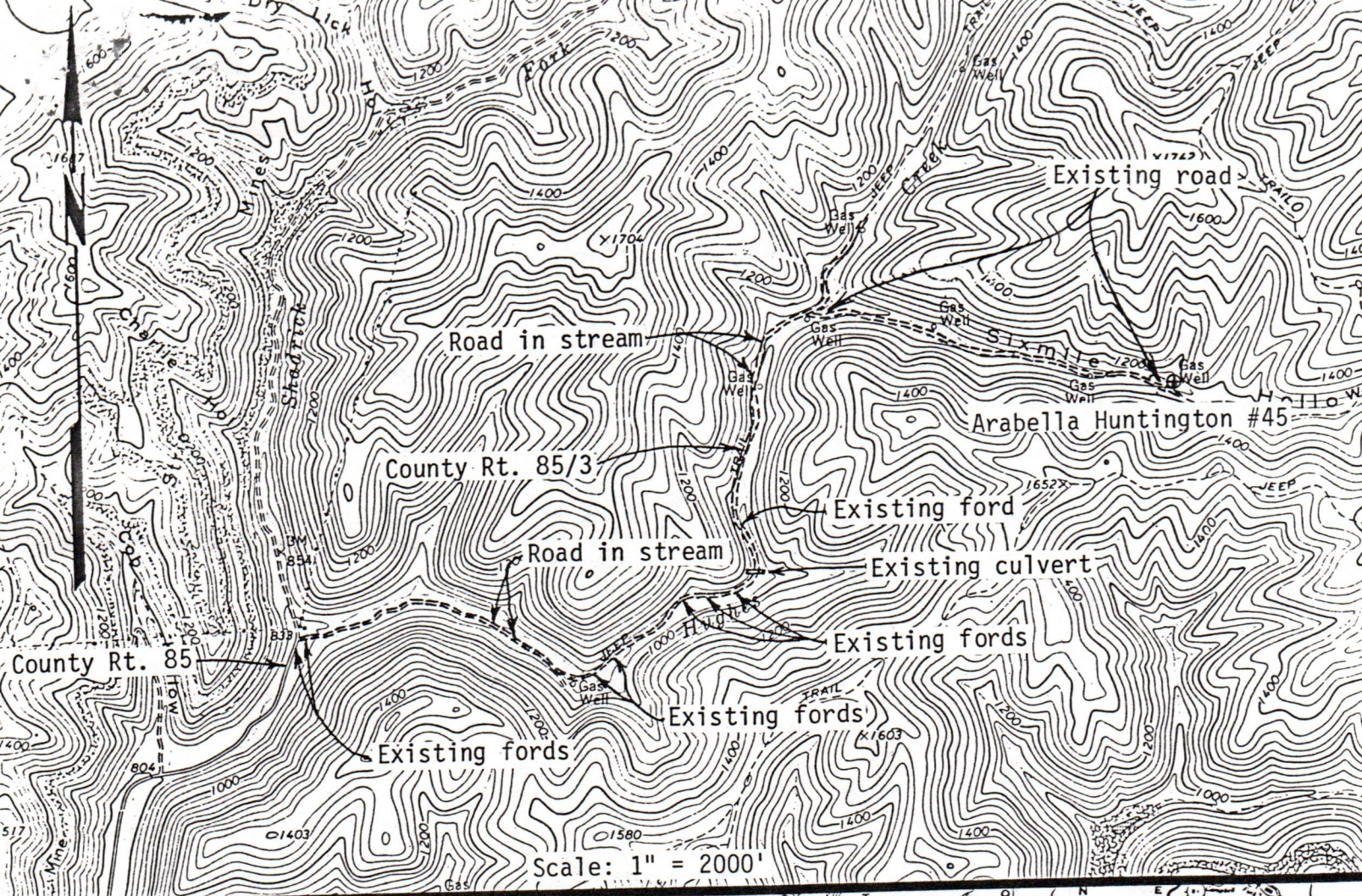
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09/08/2023

CABOT OIL & GAS CORPORATION
OF WEST VIRGINIA
ARABELLA HUNTINGTON #45

KOLB ENTERPRISES Ltd.
CHARLESTON, W. VA.



CABOT OIL & GAS CORPORATION OF WEST VIRGINIA

ARABELLA HUNTINGTON ESTATE #45

QUADRANGLE: Montgomery
 COUNTY: Kanawha DISTRICT: Cabin Creek
 scale: 1" = 2000' contour interval: 40'

KOLB ENTERPRISES Ltd.
 CHARLESTON, W. VA.

FAYETTE COUNTY

09/08/2023



CAPITOL SOIL CONSERVATION DISTRICT

DATE: November 6, 1984

**1422 Federal Building
500 Quarrier St.
Charleston, WV 25301**

WELL SITE: Arabella Huntington Estate #43
Cabot Oil and Gas Corp. of WV
P.O. Box 628, Chas. WV25322

QUADRANGLE: Montgomery

LANDOWNER: ?

PLAN PREPARED BY: Robert E. Horrell, Cabot Oil & Gas Corporation

PLAN RECEIVED BY CAPITOL SCD ON: October 29, 1984

PLAN REVIEWED BY: Linda M. Cable, District Manager, Capitol SCD, on
November 6, 1984.

RECLAMATION PLAN COMMENTS:

- (1) GOOD PLAN!
- (2) The name of the landowner needs to be included on the plan.

RECEIVED
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Oil & Gas
DEPT. OF MINES

R. C. Alford

NOTE: ALL COMMENTS SHOULD BE STUDIED SO THEY
WILL NOT BE REPEATED ON FUTURE PLANS.

R. C. ALFORD, CHAIRMAN
BOARD OF SUPERVISORS

cc: Office of Oil & Gas, WV Dept. of Mines

09/08/2023

GODFREY L. CABOT, INC.
WELL RECORD

SERIAL NO. 798 LEASE NO. _____ OPERATING DIST. AUK MAP SQUARE 30-49

RECORD OF WELL No. 45 on the
Huntington Farm of Acres
in Cabin Creek District
Kanawha County
Field, State of W. Va.

Rig Commenced 19
Rig Completed 19
Drilling Commenced 19
Drilling Completed 19
Drilling Cost _____ per foot
Contractor is: Everett Ferrell
Address: Seth, W. Va.
Drillers' Names Blair Amick
J. B. Kidd
W. H. Means

CASING AND TUBING		
SIZE	USED IN DRILLING	LEFT IN WELL
16		
13	31'	
10	653'	
8 1-4	1531'	
6 5-8	2078'	
5 3-16		
3		
2		
TUBED & SHUT IN		
Date _____		
Size of Packer _____		
Kind of Packer _____		
Packer Set, Depth _____		
Size of Anchor _____		
Perf.—Top _____ Bot. _____		
Perf.—Top _____ Bot. _____		

INITIAL OPEN FLOW	
_____ of Water in _____ inch	
10ths _____ of Merc. in _____ inch	
10ths _____ Volume _____ Cu. ft.	
SHOOTING RECORD	
Date Shot _____	
No. of Quarts _____	
OPEN FLOW AFTER TUBING	
_____ of Water in _____ inch	
10ths _____ of Merc. in _____ inch	
10ths _____ Volume _____ Cu. ft.	
Rock Pressure _____ Lbs. _____ Hrs.	
24 HR. PRODUCTION TEST AFTER TUBING	
M. Cu. Ft. _____ Line Pres. _____	
OIL PRODUCTION	
Oil Flowed _____ Bbls. 1st 24 Hrs.	
Oil Pumped _____ Bbls. 1st 24 hrs.	
Well Abandoned and Plugged _____ 19____	

Elevation 1115.1

FORMATION	COLOR	TOP	BOTTOM	STEEL LINE MEASUREMENTS	HARD OR SOFT	OIL, GAS OR WATER	DEPTH FOUND	DISTANCE ABOVE OR BELOW S. L.	REMARKS
Gravel		0	31						
Sand		31	175			Water	45		Hole Full.
Slate Shell		175	275						
Lime		275	300						
Slate Shell		300	310						
Coal		310	312						
Slate		312	375						
Lime		375	475						
Slate		475	510						
Sand		510	550						
Coal		550	552						
Lime		552	675						
Slate		675	920						
Sand		920	1010						
Slate		1010	1013						
Grampus Sand		1013	1190						
Lime		1190	1220						
Salt Sand		1220	1410						
Slate Shell		1410	1531						
Lime		1531	1538						
Slate		1538	1574						
Sandy Lime		1574	1600						
Red Rock		1600	1629						
Sand		1629	1681						
Red Rock		1681	1715						
Lime		1715	1728						
Red Rock		1728	1798						
Sand		1798	1823						
Red Rock		1823	1855						
Lime		1855	1880						
Red Rock		1880	1885						
Slate Shells		1885	1910						
Maxon Sand		1910	1981						
Little Lime		1981	2008						
Slate		2008	2010						
Lime	white	2010	2034	24'					
Pencil Cave		2034	2048						

09/08/2023

SERIAL NO. 798 TRACT H. B. & T. COWELL NO. 45 OPTG. DIST. AUK MAP SQUARE 30-49

RECEIVED

FEB 12 1985



IV-35 (Rev 8-81) OIL & GAS DIVISION DEPT. OF MINES

State of West Virginia Department of Mines Oil and Gas Division

Date February 6, 1985 Operator's Well No. #45 Farm A. Huntington API No. 47 - 039 - 0135

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

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

LOCATION: Elevation: 1115.1 Watershed Sixmile Hollow of Hughes Creek District: Cabin Creek County Kanawha Quadrangle Montgomery

COMPANY Cabot Oil & Gas Corporation of WV

ADDRESS Box 628, Charleston, WV 25322

DESIGNATED AGENT Robert E. Horrell

ADDRESS Box 628, Charleston, WV 25322

SURFACE OWNER First & Merchants National Bank Trust Account of Mariners Museum

ADDRESS 2600 Washington Avenue Newport News, VA 23607

MINERAL RIGHTS OWNER First & Merchants Nat'l Bank Trust Acct of Mariners Museum

ADDRESS 2600 Washington Avenue Newport News, VA 23607

OIL AND GAS INSPECTOR FOR THIS WORK Russell

Beall ADDRESS Box 160, Philippi, WV 26416

PERMIT ISSUED 11/29/84

WORKOVER DRILLING COMMENCED 12/21/84

WORKOVER DRILLING COMPLETED 1/3/85

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

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16, 13-10, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 1-1/2 and Liners used.

GEOLOGICAL TARGET FORMATION Weir Big Lime Depth 2341-2455 2076-2279 feet

Depth of completed well 2825 feet Rotary / Cable Tools

Water strata depth: Fresh feet; Salt feet

Coal seam depths: Is coal being mined in the area?

OPEN FLOW DATA Weir Big Lime Pay zone depth 2341-2428 2158-2214 feet

Gas: Initial open flow - - Mcf/d Oil: Initial open flow - - Bbl/d

4 hr. Final open flow 440 Mcf/d Final open flow - - Bbl/d

Time of open flow between initial and final tests - - hours

Static rock pressure 396 psig (surface measurement) after hours shut in

(If applicable due to multiple completion--)

09/08/2023

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 shut in

(Continue on reverse side)

KAN 0135

RECEIVED

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

MIRU Tri-State Rig #8. Ran 64 jts of 4-1/2" 11.6# csg, 2500.17' set @ 2500'. R/U Howco. Cemented/w 100 sks of 50/50 poz, 10% salt, & 10# per sk Gilsonite. R/U McCullough. Ran G/R, Cmt Bond Logs. LTD 2460'. TOC 1820'. Perf Weir from 2341-2428' (15 holes). R/U Howco, BD Weir @ 3500 psi. ISIP 2900 psi. Treated w/450 sks of 20/40 sand max 2#/gal, 150 sks 10/20 sand max 1#/gal. AIR 6.5 BPM H₂O + 12,000 SCF N₂/min for 75 Q foam. ATP 2575 psi. TF 300 bbls. S/L 264 bbls. N₂ 537,000 SCF. ISIP 2270 psi, 15 min 2000 psi, perf Big Lime 2158-2160' (2 holes), 2210-14' (5 holes). R/U Howco, pumped 2 bbls 15% HCL, dropped frac ball & displaced in acid to baffle. BD Big Lime @ 3500 psi & treated w/8000 gal gelled 15% HCL. AIR 13.2 BPM + 7000 SCF/min N₂, ATP 3200 psi. Total acid 191 bbls. TF 238 bbls. Total N₂ 115,000 SCF. ISIP 2200 psi, 5 min 2000 psi, 15 min 1770 psi, released thru 1/4" choke. Ran 69 jts 1-1/2 tbg, set @ 2326.60'. Seating nipple @ 2295.30'.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
SEE ATTACHED ORIGINAL WELL RECORD					

(Attach separate sheets as necessary)

CABOT OIL & GAS CORPORATION OF WEST VIRGINIA

Well Operator

By: Robert E. Howell 09/08/2023

Date: February 6, 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 4 - 1985

OIL & GAS DIVISION
INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 039-0135 PP

Oil or Gas Well _____
(KIND)

Company <u>Cabot Gas Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Mariners Museum</u>	16			Kind of Packer _____
Well No. <u>A. Huntington # 45</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

Remarks:

Doing well log and Perforate Pipe.

12-26-84
DATE

Carlos H. Hinds
09/08/2023
DISTRICT WELL INSPECTOR

2/16/82

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JAN 4 - 1982
OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.

DATE

_____ 09/08/2023
DISTRICT WELL INSPECTOR

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

RECEIVED

JAN 4 - 1985

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 039-0135 PP

Oil or Gas Well _____
(KIND)

Company <u>Cabot Gas Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Mariners Museum</u>	16			Kind of Packer _____
Well No. <u>A-Huntington # 45</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 Tri-State Well Service

Remarks:

Service Rig on location, Blowing off Frag.

12-28-84
DATE

Carlos W. Hilly
09/08/2023
DISTRICT WELL INSPECTOR

Form 26
2/16/82

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OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

_____ I hereby certify I visited the above well on this date.

DATE

_____ 09/08/2023
DISTRICT WELL INSPECTOR

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

INSPECTOR'S WELL REPORT

Permit No. 039-0135 PP

Oil or Gas Well _____
(KIND)

Company <u>Cabot Gas Co.</u> Address _____ Farm <u>Mariners Museum</u> Well No. <u>A. Huntington #45</u> District <u>Cabin Creek County Kanawha</u> 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 _____

Remarks:
Moved Service Rig off location.

1-2-85
DATE

Carlson H. H. H.
09/08/2023
DISTRICT WELL INSPECTOR

Form 26
2/16/82

**STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT**

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

_____ I hereby certify I visited the above well on this date.

DATE

_____ **09/08/2023**
DISTRICT WELL INSPECTOR

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. 039-0135PP

Company <u>Cobot Gas Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Mariners Museum</u>	16			Kind of Packer _____
Well No. <u>A. Huntington #45</u>	13			
District <u>Cabin Creek</u> County <u>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 _____

Remarks:

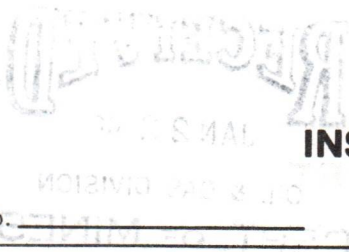
well not hooked up at this time.

1-8-85
DATE

Charles W. Hines
DISTRICT WELL INSPECTOR

09/08/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT



Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

_____ I hereby certify I visited the above well on this date.

DATE

_____ 09/08/2023
DISTRICT WELL INSPECTOR

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

RECEIVED
JAN 29 1985

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-0135 P.P.

Oil or Gas Well _____
(KIND)

Company <u>Cohat Gas Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer
Address _____	16			
Farm <u>Mariners Museum</u>	13			
Well No. <u>A. Huntington # 45</u>	10			Size of _____
District <u>Cabin Creek</u> County <u>Kanawha</u>	8 1/4			
Drilling commenced _____	6 3/4			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 _____

Remarks: well is hooked into production + No Reclamation being done

1-25-85
DATE

Carlos W. Hines
DISTRICT WELL INSPECTOR

**STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT**

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JAN 21 1982
OIL & GAS DIVISION
DEPT. OF MINES

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

_____ I hereby certify I visited the above well on this date.
DATE

DISTRICT WELL INSPECTOR

09/08/2023

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

RECEIVED

APR 1 - 1985

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-01357P

Oil or Gas Well _____
(KIND)

Company	Address	Farm	Well No.	District	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
															Size			Kind of Packer
<u>Cabot Oil & Gas</u>		<u>Mariners Museum</u>	<u>A. Huntington # 45</u>	<u>Cabin Creek County</u>	<u>Kanawha</u>										16			
															13			
															10			
															8 1/4			
															6 3/8			
															5 3/16			
															3			
															2			
															Liners Used			

Drillers' Names _____

Remarks: working on Reclamation & seeding.

3-26-85
DATE

Carla W. Hinchey
INSPECTOR

09/08/2023

Form 26
2/16/82

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APR 1 1982
OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST	

Drillers' Names _____

Remarks: _____

DATE I hereby certify I visited the above well on this date.

DISTRICT WELL INSPECTOR 09/08/2023

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

RECEIVED

APR 1 - 1985

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 039-0135-PP

Oil or Gas Well _____
(KIND)

Company <u>Cabot Oil & Gas</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer _____
Address _____	16			
Farm <u>Mariners Museum</u>	13			
Well No. <u>A. Huntington #45</u>	10			Size of _____
District <u>Cabin Creek</u> County <u>Wayne</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 _____

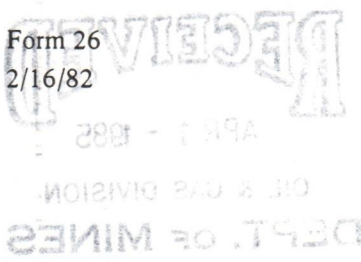
Remarks: location Reclaimed & seeded.

3-28-85

DATE

Charles W. King
09/08/2023
DISTRICT WELL INSPECTOR

Form 26
2/16/82



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

_____ I hereby certify I visited the above well on this date.
DATE

_____ 09/08/2023
DISTRICT WELL INSPECTOR

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

RECEIVED

MAY 28 1985

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 039-0135-PP

Company <u>Cabat Oil + Gas</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Mariners Museum</u>	16			Kind of Packer _____
Well No. <u>A. Huntington # 45</u>	13			
District <u>Cabin Creek, County Kanawha</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 3/4			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 _____

Remarks: NO API number on well

5-31-85

DATE

Carlos W. Hively

DIS. BY INSPECTOR

08/08/2023

**STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT**

RECEIVED
MAY 8 8 1982
DEPT. OF MINES

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location		Amount	Packer	Location	
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

_____ I hereby certify I visited the above well on this date.
DATE

DISTRICT WELL INSPECTOR 09/08/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OFFICE OF OIL AND GAS
CHARLESTON 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

RECEIVED
JUN 26 1985

OIL & GAS DIVISION

DEPT. OF MINES

47-039-0135-P1

(11-29-84)

Company: CABOT O & G CORP
Farm: MARINERS MUSEUM

Well: HUNTINGTON 43

Permit No. 47-
County: KANAWHA

In Compliance
Yes No

Rule	Description	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 Casings	-----	-----
15.02	Adequate Coal Casings	-----	-----
15.01	Adequate Production Casings	-----	-----
15.04	Adequate Cement Strength	-----	-----
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	-----	-----
14.01	Well Records on Site	-----	-----
14.02	Well Records Filed	-----	-----
14.05	Identification Markings	-----	-----

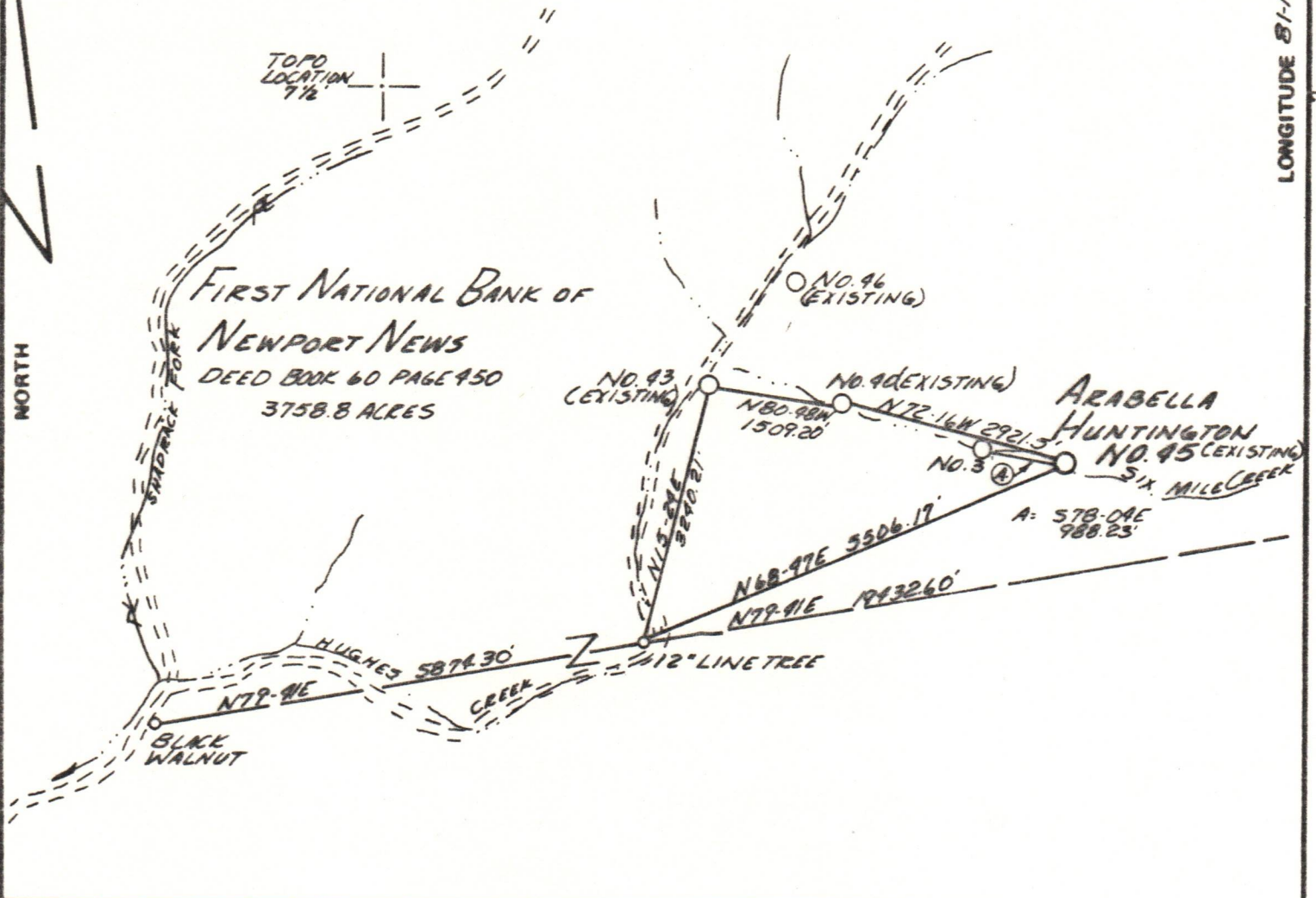
I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED *Carlton H. Hively*
DATE 6-18-85

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.

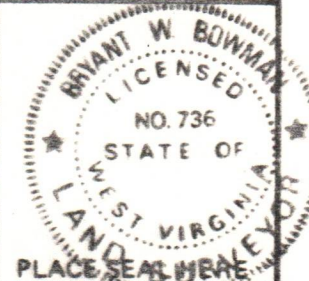
T. H. ...
Administrator

July 3, 1985
Date



FILE NO. _____
 DRAWING NO. _____
 SCALE 1:2000
 MINIMUM DEGREE OF ACCURACY 1:1000
 PROVEN SOURCE OF ELEVATION ARABELLA HUNTINGTON NO. 43 (EXISTING) WELL ELEVATION 1018'

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) Bryant W. Bowman
 R.P.E. _____ L.L.S. 736



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



DATE 11-09, 1989
 OPERATOR'S WELL NO. ARABELLA HUNTINGTON NO. 45
 API WELL NO. 47 039 - 0135-00
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1152 WATER SHED SIX MILE CREEK OF HUGHES CREEK
 DISTRICT CABIN CREEK COUNTY KANAWHA
 QUADRANGLE MONTGOMERY 7 1/2'
 SURFACE OWNER FIRST NATIONAL BANK NEWPORT NEWS ACREAGE 3758.8
 OIL & GAS ROYALTY OWNER FIRST NATIONAL BANK NEWPORT NEWS ACREAGE 3758.8
 LEASE NO. 97-0699

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

09/08/2023

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION WEIR ESTIMATED DEPTH 2500'
 WELL OPERATOR CABOT OIL & GAS CORP. INC. DESIGNATED AGENT BOB HORRELL
 ADDRESS P.O. BOX 628 CHARLESTON, W.VA. ADDRESS P.O. BOX 628 CHARLESTON, W.VA.