#### FILE COPY



1)	Date:	Febr	ruary	10	, 19	84
2)	Operator's Well No.	Shonk	Land	Co.	#35	ORM

3) API Well No. 47 - 039 - 4007
State County Permit

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

4) WELL TY								DIFFCATIONS	
						/ Underground st	orage	/ Deep	_/ ShallowX/)
5) LOCATIO	N: Ele	vation: _	15	22				ork of Cabin	
			Cabin				lanawha	Quadrangle:	Eskdale
6) WELL OP	ERATOR_			Gas	Corp	of WV 7	) DESIGNATED	AGENT Stev	
Address		. Box			0.00	<u> </u>	Address	P.O. Box 62	
	A SECTION OF THE RESERVE THE SECTION OF THE SECTION		on, WV		322			Charleston,	WV 25322
Name <u>J</u> Address	J/a	1 comb x 58 dore	Rura WWW.2	1 Rt	4-3 Hav	337 Bx 28 nlm, W.V.	Name UNI Address	KNOWN	BCENVEN
10) PROPOSE	ED WELL V	VORK:	Drill		_/ Drill			/ Stimulate	FEB 1 4 1984
						n/ Perforat	e new formation		
			Other p	hysical	change i	n well (specify)	on Brown	Shalo	L & GAS DIVISION
					5018	e, Weir, Gord	on, brown .	Jim is	OF WINE
12) Estim	ated depth o	f comple	ted well,	155	170	feet			A C CA EVALL Whenter
13) Appro	oximate trata	depths:	Fresh, _	2 (0	lid)	feet; salt,_		feet.	V
	ximate coal			2 (3)	Ji iu)	(solid) Is coal	being mined in the	area? Yes	/ No/
15) CASING	AND TUBI								
CASING OR TUBING TYPE		SPEC	Weight			FOOTAGE IN	TERVALS	OR SACKS	PACKERS
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	
Conductor	16"		65			30'	30'	10 sks.	Kinds
Fresh water	1								
Coal						1522	1522'		Sizes
Intermediate	8-5/8"		24			1650	1650'	CTS 375 sks.	CTS NEAT
Production	4-1/2"		10.5			4950	4950'	250 sks.	Depths set
Tubing						CR USE ONLY	1740	or as re	q. by rule 15.01
Liners					-100				Perforations:
<u> </u>		entions	teni que	anilo	d any	ik žesmernicog do	street of certic	di hicherot ni (d	Top Bottom
6	insa l						There is the		
				<u>e)no;</u>	<del>nocjasti.</del>	OFFICE USE O	NI Y		- begang keitselfag
		1000		all the		DRILLING PER			
						DAMELIA O I LA			Vellowork started
Permit number_		4/-03	9-4007		4			Marc	h 15, 19 84
									completion of the drills
quirements subjected to the contract of the co	ect to the co	nditions of ros	contained ads, location	herein a	nd on th	e reverse hereof. Notif	ication must be given addition, the we	ven to the District Oil	ce with the pertinent legal re- and Gas Inspector, (Refer to tractor shall notify the proper
The permitted wreverse hereof.	ork is as des					on, plat, and reclamati	ion plan, subject to	any modifications ar	nd conditions specified on the
Permit expires _			March	15,	1986	unless well w	ork is commenced	prior to that date and	prosecuted with due diligence.
Bond: BLANKET	Agent	, ,	Plat:	Casin	0	Fee			OFHER INSPECTION
	1	11	nH	m	5	03		-//	0
					9		1	che	TIO289SI
							Admi	nistrator, Office of O	il and Gas

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

File

Reason:

File

Administrator, Office of Oil and Oas



FILE COPY

FORM JV-2(B) KORVEISC)

	* 140	HÉTYIC ZÁD CIZA Y	E LIGE ON A	NEPARTMEN			
		OFFICI	E USE ONLY	140U444			
PERMIT M	ODIFICATIONS	AND CONDITIO	ONS (IF ANY	) TO THE I	PROPOSED	WELL WO	4) WELLT <b>XX</b>
		d startage Tephrities Fo			SCI M		3) LOCATION
		Kanakna 7) DESIGNĀTED		reek Gas Corp.	Jearusu S fro Si	District Callo	O WELL OPEN
20090	9.0. 30x 52				288 X	題.0.9	Address
	Unari Estor.	9) DRILLING CO				rgar egye	8) OIL & GAS
(THE OF THE POST	101 87588	Name Uill	137	824-33	CAT d	ry Hollon	Name del
			DX28 1	EN Hair	Rural	JUNIA T	ezerbbA.
No. of the State o	V						10) PROPOSED
		water new formation.				ANOW HUSTIN	
			well (specify)	mical change in			
SEMPLOAT		rdon Snewn S				AL TARGET Pl d depth of comp	
		N <sub>-</sub>		001 400			
V No X	area? Yes	oat teing mined in the	Solad ball	[(b) (0a)	SVI subqui		14) Агргехи
PACKERS	F CEMENT MULTER -	THISRVALE			DOLCAM RECIBERTIONS		(5) CASHNG AN
CATTON		Beer fil 195.I			Talgle #	berio di di	TAKA DELECT
Kinds	. 10ysks.		108		20		
			-291	1			
CYS NEAT	CTS 375 sks.	210)	460		1 23	#8\c-	
Depths ret	. zxa, 000	10000	10608		[.c.c.f]_	#S/[+	Produces a R
Performing	on 25 no	OFFICE	E USE ONLY				gmduT
This part of Form IV-2	(b) is to record th	ne dates of certain	occurrences a	nd any follo	w-up inspec	tions.	
	H	Date		IL		Da	te(s)
Application received		ONLY	Follow-u	p inspection	(s)		
Well work started			RICLING P	,,			
48 et							
Completion of the drilli			,,	,,			
process months petition in the process and the petition in the petition of the petition in the petition of the petition in the petition of the	en to the Distoick Off,		reverse hereofich		is contained he	to the condition	
Well Record received	l operator or his conti	in addition, the well add)					est of turn is to get
Reclamation completed	any modifications an	nation plan, subject to	u plęt, and reclun	and, Application	in the Notice	r is he described	the permitted worl
resecuted with due diligence.							
OTHER INSPECTION							yerqto mili
					Plat	Agenta L	BOING.
Reason:				153 142			LIAMALIU

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



DALE		anuary	10,	1904		
WELL	NO.	Shonk	Land	Co.	No.	35
APT 1	NO.	47 _	030		WAL	7

State of Mest Airginia

JAN 20 1984 Bepartment of Mines

JAN 7 6 1984 Gi mà Gas	a Zimision
Construction and R	eclamation Plan
COMPANY NAME Cabot Oil & Gas Corporation	DESIGNATED AGENT Steven Turk
ADDRESS P.O. Box 628, Chas. WV 25322	ADDRESS P.O. Box 628 Chas. WV 25322
TEPEPHONE 304-347-1600	TELEPHONE 304-347-1600
LANDOWNER Shonk Land Company, Ltd.	SOIL CONS. DISTRICT Capitol
Revegetation to be carried out by Compa	ny Contractor (Agent)
This plan has been reviewed by CAP	SCD. All corrections
and additions have become a part of this plan.	JAN. 25 1984
	(Date)
	RP Allord.
	1. C. alfordo
	(SCD Agent)
ACCESS ROAD	LOCATION
STRUCTURE (A)	STRUCTURE (1)
SPACING	MATERIAL
PAGE REF. MANUAL	PAGE REF. MANUAL
TAGE REF. PIANORE	DECENTAIN
STRUCTURE (B)	STRUCTURE (2)
SPACING	MATERIAL FEB 1 4 1984
PAGE REF. MANUAL	PAGE REF. MANUAL OIL & GAS DIVISION
STRUCTURE . (C)	STRUCTURE Sediment Barrier (3)
SPACING	MATERIAL Straw Bales
	DAGE DEE WANTAL 2:16 % 2:19
PAGE REF. MANUAL	PAGE REF. MANUAL 2:16 & 2:18
All structures should be inspected regula	rly and repaired if necessary. All com-
merical timber is to be cut and stacked a	
and removed from the site before earth wo	rk begins.
Revegeta	tion TREATMENT AREA II
TREATMENT AREA I	
LimeTons/acre	Lime Tons/acre
or correct to pH 6.5  Fertilizer 500 lbs/acre	or correct to pH 6.5  Fertilizer 500 lbs/acre
Fertilizer 500 lbs/acre (10-20-20 or equivalent)	(10-20-20 or equivalent)
그리고 있는 그리고 있는데 그 그는 사람이 되는 것을 하고 있었다. 그 생생님에 그는 그를 맞았다고 그를 가는 그를 가는 것이 모든 것이다. 그는 그를 가는 것이다.	Mulch Hay or Straw @ 1½ Tons/acre
Mulch Hay or Straw @1½ Tons/acre Seed* Ky 31 Tall Fescue 40 lbs/acre	Seed* Ky 31 Tall Fescue 40 lbs/acre
Redtop 5 1bs/acre	Redtop 5 lbs/acre
lbs/acre	lbs/acre
*Inoculate all legumes such as vetch, tr	efoil and clovers with the proper
bacterium. Inoculate with 3X the recomm	
	W DOUBLES BY
PL	AN PREPARED BY 02/16/2024
Notes Diseas manuar landormar	Cabot Oil and Gas Corporation

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

ADDRESS P.O. Box 628

Charleston, WV 25322 PHONE NO. (304) 347-1600

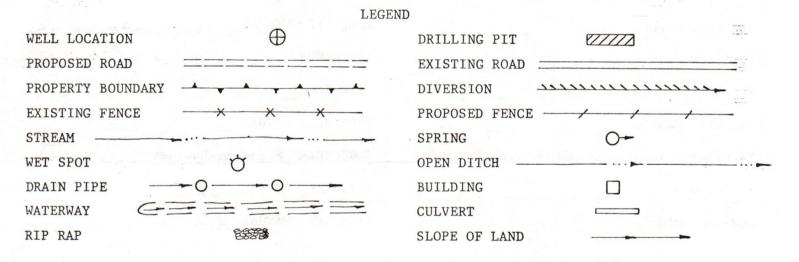
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Eskdale

WELL SITE  $\bigoplus$ ACCESS ROAD ======

#### 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.



#### SKETCH ATTACHED

A 11 - 7   11						
Any "Dlack"	material	encountered	Will be b	uriea.	1 1 1 1 1 1 1 1 1	
			areer eds		er te broad zig	Acres de la companya
		"EXTAIN PRODUCT				02/16/2024
	Any "black"	Any "black" material			Any "black" material encountered will be buried.	Any "black" material encountered will be buried.

APPROX. 1 ACRE. CONTAINS

APPROX. 4.8 ACRES.

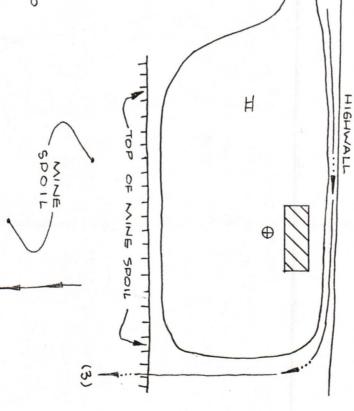
MXIVHIZの

ROADI

H

STALL ANY BLACK MATERIAL ENCOUNTERED BURIED.

THROUGH SEDIMENT CONTROL



# CABOT OIL & GAS CORPORATION CHARLESTON, W. VA.

SHONK LAND CO. NO. 35

KOLB ENTERPRISES Ltd. CHARLESTON, W. VA

# \$ P522 264 297

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED— NOT FOR INTERNATIONAL MAIL

(See Reverse)

[500 100/0/50/		
Shonk Land Company		
Street and No. P. O. Box 969		110
P.O., State and ZIP Code Charleston, WV 25.	325	
Postage	\$	
Certified Fee	, j	.6
Special Delivery Fee		9
Restricted Delivery Fee		
Return Receipt Showing to whom and Date Delivered		
Return Receipt Showing to whom, Date, and Address of Delivery		4 6
TOTAL POSTAGE - SEF COST	\$2	00
Postmark on bate		
1531	1D)	

P522 264 295

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED— NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to	
Loss-Hamilton Coal	Co.
P. O. Box 175	187
P.O., State and ZIP Code Hansford, WV 2510	3
Postage	\$
Certified Fee	4.5
Special Delivery Fee	33
Restricted Delivery Fee	25 C
Return Receipt Showing to whom and Date Delivered	9 4
Return Receipt Showing to whom, Date, and Address of Delivery	177.4
TOTAL Postage and Fees	\$ 1 70

OIL & GAS BIYOUN

P522 264 294

# NO INSURANCE COVERAGE PROVIDED.

NO INSURANCE COVERAGE PROVIDED— NOT FOR INTERNATIONAL MAIL

(See Reverse)

Cedar Coal Company	
Street and No. P. O. Box 548	- 1
P.O., State and ZIP Code Cabin Creek, WV 2	5035
Postage	\$
Certified Fee	*
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	3 9 g
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	11.72

P522 264 296

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Shonk Land Company		
P. O. Box 969		4 3
P.O., State and ZIP Code Charleston, WV 25	325	
Postage	\$	
Certified Fee	1,00	9.5
Special Delivery Fee		- ock
Restricted Delivery Fee	-	17
Return Receipt Showing to whom and Date Delivered		8 6
Return Receipt Showing to whom, Date, and Address of Delivery		P é
TOTAL Pestage and Fees	\$1.	89
Postmank or Date		G.

13800, Feb. 1987

Postmark or Date Con

02/16/2024

FORM IV-2(A) Obverse [8-83]

State of West Virginia

1)	Date:	February	10	,19	84
2)	Operator's	The second second second			

Well No. Shonk Land Co. #35

3) API Well No. 47 - 039 - 4007 State County Permit

#### STATE OF WEST VIRGINIA DEPARIMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FO	R A WELL WORK PERMIT
4) SURFACE OWNER(S) OF RECORD TO BE SERVED	5(i) COAL OPERATOR Loss-Hamilton Coal Co.
(i) Name Shonk Land Co., Ltd.	Address P.O. Box 175, Attn: Marty Burke
Address P.O. Box 969	Hansford, WV 25103
Charleston, WV 25324	5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD
(ii) Name	Name Shonk Land Co., Ltd.
Address	Address P.O. Box 969
	Charleston, WV 25324
(iii) Name	Name
Address	Address
	5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
	Name
	Address
TO THE PERSON(S) NAMED ABOVE: You should have	re received this Form and the following documents:
(1) The Application for a Well Work Perm	it on Form TV-2/P) for Face TV 4 is a
will sets out the ba	ITTIES INVOITED IN the desilling on the
cementing program:	ion and, if applicable, the proposed casing and
(2) The plat (surveyor's map) showing th	e well location on Form IV-6; and
(3) The Constitution and Reclamation Pla	in on Form IV-9 )unless the well work is only to in for erosion and sediment control and for
reclamation for the site and access	road.
THE REASON YOU RECEIVED THESE DOCTMENTS	TO THAT YOU HAVE DIGING TO THE TOTAL TO THE
(FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. ACTION AT ALL.	HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY
Take notice that under Chapter 22 of the	West Virginia Code, the undersigned well op-
and depicted on attached Form TV-6 Copies of	t the location described on attached Application f this Notice, the Application, the plat, and the
Construction and Reclamation Plan have been ma	ailed by registered or certified mail or delivered
by hand to the person(s) named above (or by pu	ablication in certain circumstances) on or
before the day of mailing or delivery to the	Administrator. FEB 1 4 1984
6) EXTRACTION RIGHTS	
Check and provide one of the following:	OIL & GAS DIVISION
I hold the right to extract oil or ga	continuing contract or contracts by which T. OF WILLS
The requirement of Code 22-4-1-(c) (1) th	arough (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
for compensation to the great of the still	r flat well royalty or any similar provision
to the volume of oil or gas so extracted, p	gas in place which is not inherently related
두 마른 하게 있는 것이 마음을 하면 없는 그리고 있는 두 하는 말래요? 그 사는 그는 그는 그는 것이 되는 것을 하게 되었다면 되었다. 이 경기 가입니다.	
you may use Affidavit Form IV-60.	additional is needed. If the answer is Yes,
See the reverse side for line item inst	tructions, and for instructions concerning
Reclamation Plan.	Application, plat, and Construction and
The truth of the information on the	
Notice and Application is verified	WELL
and some to and the National	OPERATOR CABOT OIL & GAS CORPORATION OF WV
and sworn to and the Notice is	
signed on behalf of the Well Operator	By
in my County and State by	Its District Drilling Superintendent
Steven D. Turk this day of	Address P.O. Box 628
	Charleston, WV 25322
My commission expires March 5, 1989.	Telephone 347-1600
- Korene Mille	
Notary Public, Kanawha County,	02/16/2024

#### INSTRUCTIONS TO APPLICANT

#### 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-lb(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-lk 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-lk(d) and the reclamation required by Code § 22-4-lb and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-la(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-lm, 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-

- 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:

Shonk Land Co., Ltd. Appalachian Exploration & 18.5% 9 528

Development, Inc.
(Cabot Oil & Gas Corp. of
WV)

Grantee, lessee, etc.

Royalty

Book Page

# DEPARTMENT OF MINES



OIL AND GAS WELLS DIVISION

# OIL & GAS DIVISION INSPECTOR'S WELL REPORTET. OF MINES

Permit No. <u>039-40</u> 07	83		Oil or Gas Well		
Company CABOS	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PAC	KERS
Address Charleston	Size				
Farm Showk LAND	16		Salar Salar Control Salar Sala	Kind of Pac	cker
Well No. #35	13			Size of	
Distric CARIN CREEK County KAN	81/4				
Drilling commenced	65/8			_ Depth set_	
Drilling completedTotal depth	3			Perf. top_	
Date shotDepth of shot	2			Perf. botto	m
Initial open flow/10ths Water inInch	Liners Used				m
Open flow after tubing/10ths Merc. inInch				Peri. botto	n
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressurelbshrs.	NAME OF SER	RVICE COMPA	NY		
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES
Fresh waterfeetfeet	FEET_	INCE	IES	_FEET	INCHES
Salt water feet feet	FEET_	INCH	IES	_FEET	INCHES
Drillers' Names FAICON DRIlling R	2iq #3				
Remarks: Run 1801 ft 8:5/8 CAS	ing				

Rod Dillan 16/2024
DISTRICT WELL INSPECTOR

# STATE OF WEST VIRGINIA

#### **DEPARTMENT OF MINES**

#### OIL AND GAS WELLS DIVISION

COMPANY			ADDRESS					
FARM	The second second	DISTRICT .	COUNTY					
-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	erenge		CABOL				
Filling Material Used				Shaele				
Liner Loc	cation	Amou		Lo				
	PLUGS USED AND DEPTH PLACED			IN LAKE	G AND TU	1		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST		
			Kas	Sla	NOW	Cas		
day or me								
A 14 (18)				7				
					-			
			A Contraption No. 1					
and the state of the state of				7 7 7				
				45.1	3133.45	He we'l		
ed the six	AATA	THE WAR						
	181.3100		6. 14.					
			All and the second	g-le to the second property				
111060	A TA GENE	16000						
Orillers' Names			313					
Milicis Ivallies		u u						
HO Character in the TO 19 has	INCHES CONTRACTOR	and the second second	The second state of the se		and the state of the state of			
Remarks:			DRILLING Rights					
			Carpins hoursen	and the state of t				
	I hereby certify I vis	sited the above v	well on this date.					
DATE								

OG-11

NEGERA O COM

JUL 3 0 1984

STATE OF WEST VIRGINIA

#### DEPARTMENT OF MINES

OIL & GAS DIVISION OIL AND GAS WELLS DIVISION DEPT. OF MINES

# INSPECTOR'S WELL REPORT

Permit No. <u>039-400</u> 7				Oil or Gas Well		
Company CABOt	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKE	ERS	
Address Charleston	Size				adii rissini	
Farm Showk / And	16			Kind of Pack	er	
Well No#35	10			Size of	- A-3	
Distric CABINCRECK County KAN	81/4					
Drilling commenced	6%			Depth set		
Drilling completedTotal depth	5 3/16 3			Perf. top		
Date shotDepth of shot	2			Perf. bottom		
Initial open flow/10ths Water inInch	Liners Used			Perf. top Perf. bottom		
Open flow after tubing/10ths Merc. inInch	N A			7 1011. 5005011		
VolumeCu. Ft.	CASING CEME			No. FT	Date	
Rock pressurelbshrs.	NAME OF SE	RVICE COMPA	ANY			
Oilbbls., 1st 24 hrs.	COAL WAS EN	NCOUNTERED	AT	FEET	_INCHES	
Fresh waterfeetfeet	FEET	INCI	HES	FEET	INCHES	
Salt waterfeetfeet	FEETFEET	INCI	HES	_FEET	INCHES	
Drillers' Names FAICON DRIlling	Rig #3	5				
Remarks: DRilling ON Air At 18	800 ft.					
Sopping hole			,	1:00 A.M.		
			/			

#### STATE OF WEST VIRGINIA

#### **DEPARTMENT OF MINES**

#### OIL AND GAS WELLS DIVISION

COMPANY	4 10		ADDRESS					
			COUNTY					
	2.00				977	913		
Filling Material Used					- A			
ner Location Amount			Packer	Loc	ation			
n and a second	ND DEPTH PLACED	I	BRIDGES		G AND TU			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST		
			80.					
						-		
					-			
mand King Time V						1 1 190		
		x	Marie Carlotte Commence of the	M. C. C.	1	- 's		
M	egotom (a	(100 pt 100 pt 1				100		
	775 A 1987							
			APA CONTRACTOR OF THE PROPERTY			15 87724		
make the second	in the control	planere de la la	control and in the other					
rillers' Names								
	83500		- William - Will		a see and			
Remarks:								
I	hereby certify I visit	ed the above wel	l on this date.					

139-1LM2

#### STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES





#### INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No.	700 /				(KII	ND)	- 1 712 Use - 1
Company CARO	+		CASING AND TUBING	USED IN DRILLING	LEFT IN	PAC	KERS
Address Char			Size			. Links to	rent grille
Farm Showk	, ,	de la companya de la	16	200	11(2)	Kind of Pa	cker
Well No. #35			13		a newa os. Is seen i	Size of	onigetta a
Distric CABINCE		SAN	81/4			Size of	
Drilling commenced			65%			Depth set_	
D. '''			5 3/16				
Drilling completed	Total dept	h	3			Perf. top_	
Date shot	Depth of shot_		2		and the second of	Perf. botto	m
Initial open flow	/10ths Wate	r inInch	Liners Used			Perf. top_	
Open flow after tubing_	/10ths Merc	inInch				Perf. botto	m
Volume		Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressure	lbs,	hrs.	NAME OF SER	RVICE COMPA	ANY		
Oil	bbl	s., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES
Fresh water	feet	feet	FEET_	INCI	IES	FEET	INCHES
Salt water	feet	feet	FEET_	INCH	HES	FEET	INCHES
Drillers' Names F	glean De	illing k	Rig #3				. esh canolil
Remarks: DRIII	ing on Air	e At 3	289				

7/30/84

Poul Doblagiog 24
DISTRICT WELL INSPECTOR

#### STATE OF WEST VIRGINIA

#### **DEPARTMENT OF MINES**

#### **OIL AND GAS WELLS DIVISION**

DMPANY			ADDRESS	034-460			
ARM		_ DISTRICT _	C	OUNTY		C MAN MAN	
				7	1880	)	
lling Material Used				Veston	to	5	
iner Loc	cation	Amou	nt Packer	Loc	ation	147	
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASING	G AND TU	BING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
			Carl Carl	139	Dogs	Com	
9 5 PM <sup>15</sup> 5							
					109		
			o feets void			10 <sub>20</sub> 10 10	
		3.02.4				Magazine (Magazine)	
	1. 1343	Million a de	W JACK HALLS THE LIGHT				
Orillers' Names	A A A A A A A A A A A A A A A A A A A		3 JAN 15 15 15 15 16 C			×48.	
Remarks:							
	I hereby certify I visi	ted the above v	vell on this date.				
DATE	I hereby certify I visi	ted the above v	vell on this date.				

#### STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

OIL	&	GAS	DIVISION
EP.	erpari I	OF	MINES

Permit No. 039-4007

Oil or Gas Well

		(KIND)					
Company C	9Bot		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
Address C			Size				in the great of
Farm Show			16			Kind of Pac	ker
Well No. #35			13				
0 .	CREEK County	Ku	10			Size of	
District ABIN (	County_/	740	81/4			D II	
Drilling commenced	7/22/84		65%			Depth set	
Orilling completed 8	7-5-84 Total depth		5 3/16			Perf. top	
Date shot	Depth of shot		2			Perf. botton	
Initial open flow	/10ths Water	r in Inch	Liners Used			Perf. top	
						Perf. bottom	1
	/10ths Merc.						
Volume		Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
lock pressure	lbs,	hrs.	NAME OF SE	RVICE COMPA	ANY		
Dil	bbls	s., 1st 24 hrs.	COAL WAS EN	NCOUNTERED	AT	_FEET	INCHES
Fresh water	feet	feet	FEET	INCI	HES	_FEET	INCHES
Salt water	feet	feet	FEET	INC	HES	_FEET	INCHES
Drillers' Names							
Remarks:	To look A	at Por	· Ismatic		2.11	21 :	
					nt 9	et in	/
CAMPE	e locked	134 C	DAI CO				

10/35/84 DATE POST 16/2021

DISTRICT WELL INSPECTOR

#### STATE OF WEST VIRGINIA

#### **DEPARTMENT OF MINES**

#### **OIL AND GAS WELLS DIVISION**

# **INSPECTOR'S PLUGGING REPORT**

				C112	DEC			
				ESS				
ARM		DISTRICT	(	COUNTY				
illing Material Used		* 28		191				
ner Location Amount			Packer	Loc	cation			
PLUGS USED A	PLUGS USED AND DEPTH PLACED		BRIDGES	CASIN	CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST		
			2.47.7	1 (V) V	1 300			
			1861	LEVE				
				Van 54				
				o do a		371		
				est to a second	1774	i arrigo o		
A STEEL CONTRACTOR OF THE ST	The state of the s			e <b>1</b> 017	美国 夏夏 11章	ar vol		
					and the second	Ontroponia (Carlo		
		2001.0002 103		adl .		12) 7 - 15 7		
-								
142701-1-121	1000 10	X130000 8	J201 est 2 m elde					
Orillers' Names	TER SEE	1723	that.			Thinks.		
	200 H 300 H	<u> </u>			n de trapatent de la company	and the second		
Remarks:								
I	hereby certify I visi	ited the above wel	on this date.					

DISTRICT WELL INSPEZIA 16/2024

#### STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

# INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. <u>0.34 - 460</u> 7					Gas Well GAS
Company CAR	307	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address Char		Size			
Farm Slowk		16			Kind of Packer
OF THE STATE	NA G	13			74 44014
Well No. #35	A STATE OF THE STA	10			Size of
Distric CABINCK	County MAN	81/4			
Drilling commenced	122/84	65/8			Depth set
		5 3/16			
Drilling completed 8/3/	184 Total depth	3			Perf. top
Date shot	Depth of shot	2			Perf. bottom
Initial open flow	/10ths Water inInch	Liners Used			Perf. top
Open flow after tubing	/10ths Merc. inInch				Feri, bottom
Volume	Cu. Ft.	CASING CEME	NTED	SIZE	No. FTDate
Rock pressure	lbshrs.	NAME OF SER	RVICE COMPA	ANY	
Oil	bbls., 1st 24 hrs.	COAL WAS EN	NCOUNTERED	AT	_FEETINCHES
Fresh water	feetfeet	FEET.	INCI	HES	FEETINCHES
Salt water	feetfeet	FEET.	INCI	HES	_FEETINCHES
Drillers' Names					To State 194
Remarks: Locati	in a Road is	Not R	ec. Isin	001	
At Th	is Time		-0 1/41/10	CG	
NOI	Don well				



## STATE OF WEST VIRGINIA

#### **DEPARTMENT OF MINES**

OIL AND GAS WELLS DIVISION

ermit No			aw saotogasa	Well No.			
OMPANY	. 8. A. System		ADDRESS	m m 034-4007			
ARM		DISTRICT _	C	OUNTY			
				4.01	()		
lling Material Used				C 16(4c)	SAT	1	
ner Loc	cation	Amou	int Packer	Loc	cation	-	
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	JBING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
			Kas	N	3	4A)	
				0/22/84			
				1000	(S)		
			The second second	10 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	19500	L 2802 (3 3 3 3 1	
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Samuel State of the State of th		1.2877.784	15,70			2750	
	4024980		Our read war 1995 to 1995	3773			
A constitution with the constitution of						1	
FIRST CONTRACTOR OF THE PARTY		TWO DIE 84					
rillers' Names	and and the first	190	1881			705.00	
				30.2		- tow :	
demarks:	territorial de la constante de						
				111 7			
	I hereby certify I vi	sited the above v					
DATE	Thereby certify I vi	Sited the above t	TOTAL CIT. MILLO GRAVE.				
					7.77.7		
			DI	STRICT WELL IN	02/16/	2024	

# STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

# INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. <u>039-4</u>	00-1				Oil or Gas Well GAS			
Company CABO	o+		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PAC	KERS	
Address Charl			Size					
Farm Showk		16	3			Kind of Pa	cker	
Well No. #3			3					
	ech County BA		31/4			_ Size of		
Drilling commenced			35/8		The second second second green	Depth set_		
	5-84 Total depth		5 3/16					
			3					
	Depth of shot	1	iners Used				m	
Initial open flow	/10ths Water in_	Inch	mers Used				m	
Open flow after tubing	/10ths Merc. in_	Inch						
Volume		Cu. Ft. CA	ASING CEMEN	NTED	SIZE	No. FT	Date	
Rock pressure	lbs,	hrs. N	AME OF SER	VICE COMPA	ANY			
Oil	bbls., 1	st 24 hrs. Co	DAL WAS EN	COUNTEREI	AT	_FEET	INCHES	
Fresh water	feet	feet _	FEET	INC	HES	_FEET	INCHES	
Salt water	feet	feet _	FEET	INC	HES	_FEET	INCHES	
Drillers' Names								
Remarks: Perf	Well							

11-19-84 DATE Rocal District Well INSPECTOR

#### STATE OF WEST VIRGINIA

#### **DEPARTMENT OF MINES**

**OIL AND GAS WELLS DIVISION** 

# **INSPECTOR'S PLUGGING REPORT**

COMPANY		THE STATE OF THE S	_ ADDRESS	1007	134-1	7
		2932		40	CPE	S down
Filling Material Used			37 c.	103400	nae	7
iner Location Amount			Packer		cation	,
PLUGS USED A	PLUGS USED AND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
			Bas,	7598	Duis	Ca
			200	-cc-C		
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			and the second s	13.42.5	- K	
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			Move the second	esta (\	execut to	the west o
		CONTRACTOR OF				
	THE REPORT OF					e gradery a
280/81	- TA CASIS		LLADY From 18 had solder LL	or and the second secon		Constituting Springer
Orillers' Names	The state of			- 199		referr de
				1003		
Remarks:						
				1,0		
			1 - 1 - 1 - 1			
DATE	I hereby certify I vis	sited the above wel	I on this date.			

Well No. \_

Permit No. 039-4007

## STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

# INSPECTOR'S WELL REPORT DEPT. OF MINES

Oil or Gas Well\_

			(KI	ND)	
Company Capotoil & Bas	CASING AND TUBING	USED IN DRILLING	LEFT IN	PAC	CKERS
Address	Size	endida i o necam - a inc			
Farm Shonk Land Co. Lita.	16			Kind of Pa	cker
Well No Shank Land #35	13			G: .	2 2 1 1
District Cahindneek County Kangwha	81/4			Size of	8
Drilling commenced	6%		-	Depth set_	
	5 3/16				
Drilling completedTotal depth	3			Perf. top_	
Date shotDepth of shot	2			Perf. botto	m
Initial open flow/10ths Water inInch	Liners Used			Perf. top_	
Open flow after tubing/10ths Merc. inInch				Perf. botto	om
VolumeCu, Ft.	CASING CEME	NTED	SIZE	No. FT_	Date
Rock pressurelbshrs.	NAME OF SER	VICE COMP	ANY		9
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERE	O AT	FEET	INCHES
Fresh waterfeetfeet	FEET_	INC	HES	PEET	INCHES
Salt waterfeetfeet					
	— FEET	INC	nes		INCHES
Drillers' Names					
					<b>100</b> (100 (100 (100 (100 (100 (100 (100
Remarks:					
Sepuice nin aittin	is an be	10			1

## STATE OF WEST VIRGINIA

#### **DEPARTMENT OF MINES**

#### OIL AND GAS WELLS DIVISION

# **INSPECTOR'S PLUGGING REPORT**

			root	Vell No				
		ADDRESS						
			\$ 1167-10	[A. ] []				
		85.C		Milyan, I am Start				
eation	Amou	unt Packer	Lo	cation	AB.			
ND DEPTH PLACED		BRIDGES	CASIN	G AND T	UBING			
WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST			
		6.3000.45%	11 12 2 2 3 11					
				* 1				
A				-, 5				
	Line in the	Committee of the second of the						
the man the persons with with		A CONTRACTOR OF THE PROPERTY O			-			
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Y 10 10 10 10 10 10 10 10 10 10 10 10 10		Market Long Process						
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	Po. 1							
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	and the second s	hanne prouss and palment flow or about an older the wife of the reductive bases of the second and palment with			Carlo Car			
				1000				
hereby certify I vis	ited the above w	vell on this date.						
	ation  ND DEPTH PLACED  WOOD-SIZE	ation Amor	ADDRESS  DISTRICT  Amount Packer  ND DEPTH PLACED BRIDGES  WOOD-SIZE LEAD CONSTRUCTION-LOCATION	ADDRESS  DISTRICT COUNTY  ation Amount Packer Lo  ND DEPTH PLACED BRIDGES CASIN  WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED	ADDRESS			

DISTRICT WELL INSPECTOR

Permit No. 039-4007

#### STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



#### INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

### DEPT. of MINES

Oil or Gas Well\_

Company Cabot Bas Co.	CASING AND TUBING	USED IN DRILLING	LEFT IN	PAG	CKERS
Address	Size				7
Farm Shankland Co. Litd.	16				acker
Well No. Shopk light # 35		and the control of the second control of the contro		Size of_	
District Cahin Creek County Kangang	81/4	and control			<u>.</u>
Drilling commenced	65%	· · · · · · · · · · · · · · · · · · ·		Depth set.	
Drilling completedTotal depth	5 3/16			1	-
The second secon	3	an parameter and		Perf. top_	
Date shotDepth of shot	2			Perf. botto	m
Initial open flow/10ths Water inInch	Liners Used			Perf. top_	
Open flow after tubing/10ths Merc. inInch		5000.00		Perf. botto	m
VolumeCu. Ft.	CASING CEMEN	NTED	SIZE	No. FT	Date
Rock pressure lbs. hrs.	NAME OF SER	VICE COMP	ANY		
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERE	O AT	_FEET	INCHES
Fresh water <u>feet</u> <u>feet</u>	FEET_	INC	HES	_FEET	INCHES
Salt water <u>feet</u> feet	FEET_	INC	HES	_FEET	INCHES
Drillers' Names	oneste de la secono de secono		0 × 0 - 860 8 00 × 1 - 8		, do
		-		2	F: -
Remarks:	. 2 2 +	7hi	e tin	20	#1 12 2 2 4

Well not hooked UP 91

## STATE OF WEST VIRGINIA

#### **DEPARTMENT OF MINES**

## OIL AND GAS WELLS DIVISION

Permit No. 10 . 19	<u> </u>		Well No.				
COMPANY			ADDRESS	The second section of		or miner	
			C				
				7 6 53 7	31.6.13	- Alexander	
Filling Material Used		ataka harratan da araba araba araba	The second secon				
iner Lo	cation	Amour	nt Packer	Loc	cation	1	
PLUGS USED A	AND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
			P. William Was			12 13	
	- 11						
			Salis of Leading and Salis of the second				
		2 24 25 27 22 2					
					A		
Saille and Ni							
Orillers' Names		w me					
Remarks:					THE PROPERTY OF THE PARTY OF TH		
Cindi Ko.							
			and the continues of the second				
DATE	I hereby certify I visit	ed the above we	ell on this date.				
DATE							
1910-1619			DIST	RICT WELL INS	2/16/2	024	

-84

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



ompany: CABOT O & G CORP

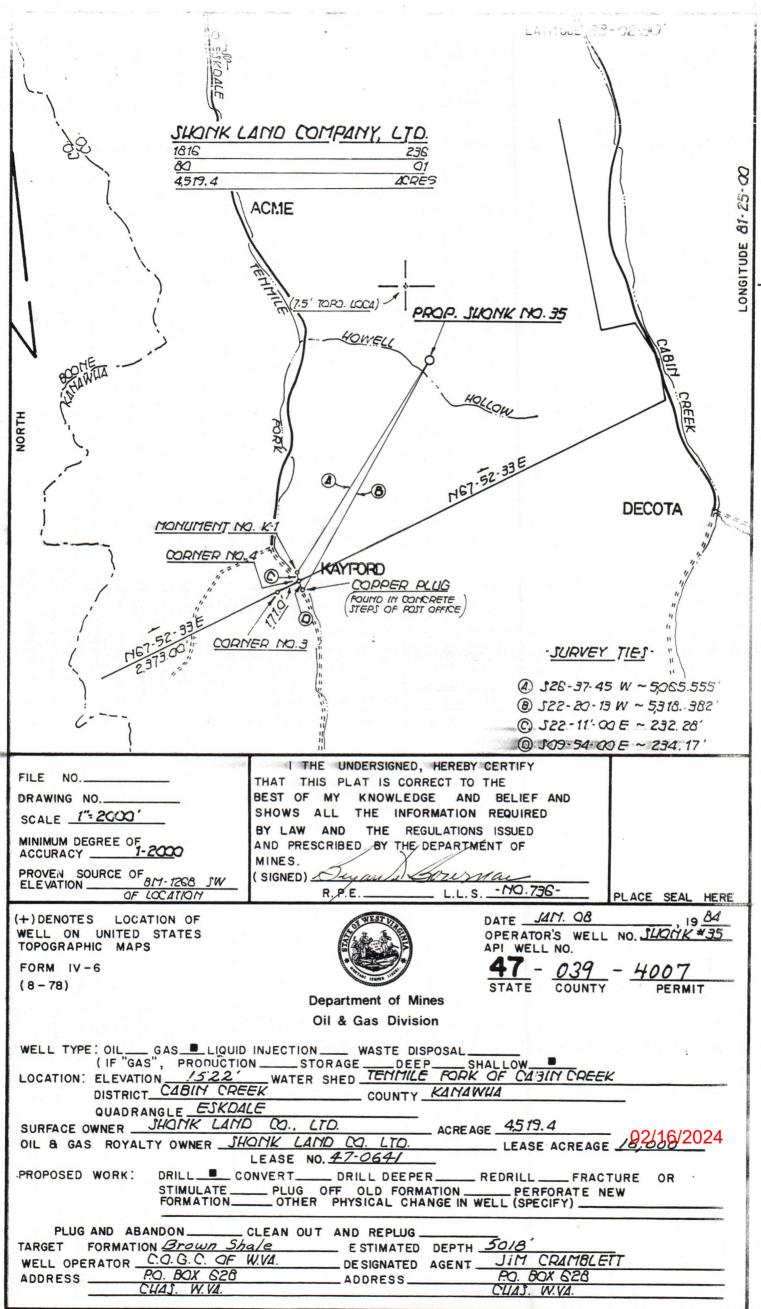
erm: SHONK LAND COMPANY, LTD. Well: SHONK 35

Permit No. 47- 39-4007 OIL & GAS DIVISION

Date

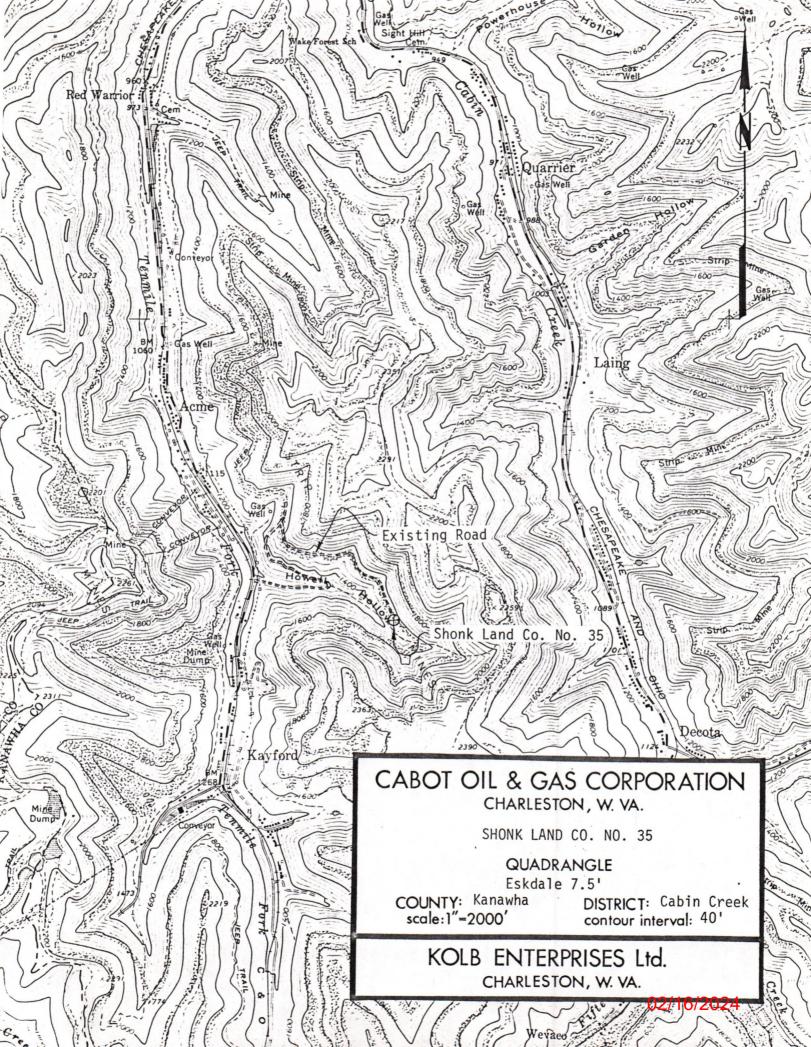
County: KAMAWHA DEPT. OF MINES

	In Compl	iance	
Description	Yes	No	
		#* *** # * ** *** *** *** **	
		MR 100 100 100 100 100 100 MR	
Required permits at wellsite		April 500 - 5.00 (800 500 1 000 500 500 500	
Adequate Fresh Water Casins			
Adequate Coal Casins			
Adequate Production Casing			
Adequate Cement Strength			
Cement Type			
Maintained Access Roads			
Necessary Equipment to Prevent Waste			
Reclaimed Brilling Pits			
No Surface or Underground Pollution			
Requirements for Production & Gathering Pipelines	*****		
Well Records on Site			
Well Records Filed			
Identification Markinss			
		DEL EL 350.	
INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND	THAT IT BE	RELEASED:	
SIG	VED Carlos	w Hurely	
DATE	5-34	1-85	
harter 22; Article 4, Section 2; the above well wi			•
	Admini	strator	
	May 28	, 1985	
	Notification prior to starting work Prepred before drilling to prevent waste High pressure drilling Required permits at wellsite Adequate Fresh Water Casing Adequate Coal Casing Adequate Production Casing Adequate Cement Strength Cement Type Maintained Access Roads Necessary Equipment to Prevent Waste Reclaimed Drilling Pits No Surface or Underground Pollution Requirements for Production & Gathering Pipelines Well Records on Site Well Records Filed Identification Markings  INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND SIGN DATH	Description  Tes  Notification prior to starting work Prepred before drilling to prevent waste High pressure drilling Required permits at wellsite Adequate Fresh Water Casing Adequate Coal Casing Adequate Coment Strength Cement Type Haintained Access Roads Necessary Equipment to Prevent Waste Reclaimed Drilling Pits No Surface or Underground Pollution Requirements for Production & Gathering Pipelines Well Records on Site Well Records Filed Identification Narkings  INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE SIGNED Casion DATE STREET  DATE STREET  Adminity  Adminit	Notification prior to starting work Prepred before drilling to prevent waste High pressure drilling Required permits at wellsite Adequate Fresh Water Casing Adequate Coal Casing Adequate Coal Casing Adequate Coment Strength Cement Type Haintained Access Roads Necessary Equipment to Prevent Waste Reclaimed Drilling Pits No Surface or Underground Pollution Requirements for Production & Gathering Pipelines Well Records on Site Well Records on Site Well Records Filed Identification Markings  INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED: SIGNED Casles & Houley DATE 5-27-35  Teell record was received and reclamation requirements approved. In accordance tharter 22; Article 4, Section 2; the above well will remain under bond



ALLEN BLUEPRINT Co.

Charleston, WV



IV-35 (Rev 8-81)

R	CE	TATEIN	Ø.	STATE STATE OF THE	and the state of t	
1177	APR 1	6 1985 tini	e of	Mest	Airginia	

OIL & GAS DIVISION Department of Mines
DEPT. OF MINES und Gas Division

Date April	11, 1985
Operator's Well No.	#35
Farm	Shonk
ADT No. 47 -	039 - 4007

WELL OPERATOR'S REPORT

OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

Gas XX / Liquid Injection / Waste Disposal

OCATION: Elevation: 1522' Watershed T	enmile Fo	rk of Cabir	Creek	Table above the work
District: Cabin Creek County Kana	wha	Quadrangle	e Eskdale	9
COMPANY Cabot Oil & Gas Corporation of WV				
ADDRESS Box 628, Charleston, WV 25322	Casing	Used in	Left	Cement
DESIGNATED AGENT David G. McCluskey	Tubing	Drilling	in Well	fill up Cu. ft.
ADDRESS Box 628, Charleston, WV 25322				
SURFACE OWNER Shonk Land Company, 1td	16"	36	36	10 sks
ADDRESS Box 969, Charleston, WV 25324	13-10"			
MINERAL RIGHTS OWNER Shonk Land Company, Ltd.	9 5/8			
ADDRESS Box 969, Charleston, WV 25324	8 5/8	1811	1811	AFO aka
OIL AND GAS INSPECTOR FOR THIS WORK Russell	7	1011	1011	450 sks
Beall ADDRESS Box 160, Philippi, WV 26416	5 1/2	5218	5218	350 sks
PERMIT ISSUED March 15, 1984		13210	3210	350 SKS
DRILLING COMMENCED July 21, 1984	4 1/2		Association (Control	
DRILLING COMPLETED August 2, 1984	1 1/2	2844	2844	
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			
SEOLOGICAL TARGET FORMATION Big Lime 2408-2682 Weir 2828-2833		Gordon Brown Sha	3439- le 5042-	3451 5186
Depth of completed well 5229 feet I	Rotary XX	/ Cable	e Tools_	
Water strata depth: Fresh 98 feet;	Salt_	feet		
Coal seam depths: 102 (solid) 1127 (solid)  Maxton Big Lime Weir  Producing formation Shale  Gas: Initial open flow Mcf/d	Pay	y zone dep	2255- 2643- 2828- th 4761-	2310 2672 2833 5075 fee
4 hr. Final open flow 1463 Mcf/d		The second secon	-	
Time of open flow between initi				
Static rock pressure 440 psig(surface				
(If applicable due to multiple completion-		, чт		
Second producing formation		z zone den		/16/2024 fe
Gas: Initial open flow Mcf/d				
Final open flow Mcf/d			-	Bbl,
		The state of the s		Bbl,
Time of open flow between init:	al and f	mal tocto		

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

Perf Shale from 4761, 4808, 4816, 4822, 4885, 4903, 4918, 4932, 4938, 4948, 5022, 5044, 5048, 5055, 5066, 5075 (16 holes). Dump 500 gals. 15% HCL. Broke down Shale @ 2420 psi. ISIP after break down 1940 psi. Pumped 270 sks 20/40 sand @ 2#/gal @ 6 bpm when well screened off. Retreat Shale. Dumped 500 gals. 15% HCL. Broke down Shale with N2 @ 2530 psi. Pumped 916,000 SCF N2 @ 32,000 SCF/min. ATP 2390 psi. ISIP 1750 psi. 5 min 1700 psi, 10 min 1700 psi, 15 min 1700 psi. Perf Weir 2828-2833. Broke down Weir @ 1710 psi. ISIP after breakdown 1100 psi. Total N2 458,000 SCF w/500 sks 20/40. AIR 4 bpm H20, 75 quality foam. ATP 1050 psi. TF 237 bbls. S/L 172 bbls. Perf Big Lime 2643-2672' (7 holes). Pumped 2 bbls/acid. Pumped 4 more bbls of acid & BD Big Lime @ 1110 psi, followed w/8,000 gals. 15% gelled acid w/52,000 SCF N2. ATP 770 psi. AIR 2 bpm. TF 196 bbls. Total N2 150,000 SCF. ISIP 1200 psi, 5 min 1070 psi. Perf Maxton 2255-2310 (20 holes). Dumped 500 gals. 15% HCL. BD Maxton @ 2230 psi. Pumped 1 min. ISIP 1400 psi. Treated w/80,000# 20/40. AIR 6.6 BPM. ATP 2236 psi @ 12,000 SCF N2/min. TF 494 bbls. SL 351 bbls. Total N2 900,000 SCF. ISIP 2050 psi, 5 min 1760 psi, 10 min 1630 psi. Set 5-1/2" Arrow drill packer set @ 3570'.

WELL LOS

And the best of the second	Elegania in according to the second		REMARKS		
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	Including indication of all fresh and salt water, coal, oil and gas		
Sand & Shale	0	634			
Sand	634	720			
Shale	720	796			
Salt Sands	796	1550	ra in the trick and the start		
Shale					
Salt Sand	1550	1638	its ined to the confidence		
	1638	1748	· · · · · · · · · · · · · · · · · · ·		
Shale	1748	2236			
Lower Maxton	2236	2314			
Shale	2314	2318			
Little Lime	2318	2400			
Pencil Cave	2400	2408	A TOWNS		
Big Lime	2408	2682			
Shale	2682	2714	· regentile		
Injun	2714	2758			
Shale	2758	2828	***		
Weir	2828	2833			
Shale Shale	2833	3187			
Berea	3187	3232	11.60 - 14		
Shale	3232	3439			
Gordon	3439	3451	111/2		
Shale	3451	5042			
Lower Huron	5042				
		5186	A Committee of the Comm		
Shale	5186	5226	200 - 200 -		
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		1333			

(Attach separate sheets as necessary)

Well Operator

By:

Date: April 11, 1985

Cabot Oil & Gas Corporation of West Virginia

Well Operator

O2/16/2024

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 chal, encountered in the drilling of a well."



# OIL & GAS DIVISION DEPT. DEPT.

Permit No. 039-	4007	XX			Oil or	Gas Well	17/2/37/07
Company CA	PROT		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
~ .	ARKSTON		Size			Land State of the Control of the Con	Entrey Vision
Farm Showk	land		16	2 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1		Kind of Paci	ker
Well No. #35	5		10			Size of	PARALITY
Distric CABINO	Reck County /	JAN	81/4				
Drilling commenced			5 3/16			_ Depth set	
Drilling completed	Total depth_		3			Perf. top	
Date shot	Depth of shot		2			Perf. bottom	
Initial open flow	/10ths Water	inInch	Liners Used			Perf. top	
Open flow after tubing	/10ths Merc. i	inInch				Perf. bottom	
Volume		Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressure	lbs	hrs.	NAME OF SEF	RVICE COMPA	NY		
Oil	bbls.	, 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES
Fresh water	feet	feet	FEET	INCH	IES	_FEET	INCHES
Salt water	feet	feet	FEET	INCH	IES	_FEET	INCHES
Drillers' Names	FAKON DRII	ling A	Rig #3				438615%
Remarks: Deill	inc on A	lie Sa	A Diago	hale a	4 83	5 Dt	

7/24/84 DATE Hord Delloga 12024
DISTRICT WELL INSPECTOR

# STATE OF WEST VIRGINIA

# DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION

COMPANY	n self		ADDRESS	1 11/1		3
ARM		_ DISTRICT	C	OUNTY	1770	
-	DMT.	1/142		400	19	
Filling Material Used				1-11-6		
iner Lo	cation	Amou	unt Packer	Loc	cation	
	AND DEPTH PLACED	1,11100	BRIDGES		G AND TU	IBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
			- Carlo			
			0.41			1 1 3
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	13.08.63				ويباذه	
rillers' Names	p references			-		
rillers Names						
	erina.	7613	150	1975 - 19		
Remarks:						
			1 P. Car. 11			
	I hereby certify I visi	ted the above s	well on this date			
DATE	Thereby certify I visi	icu the above	won on tins date.			