



1) Date: February 10, 19 84
 2) Operator's Well No. Shonk Land Co. #35
 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 TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow)
 5) LOCATION: Elevation: 1522 Watershed: Tenmile Fork of Cabin Creek
 District: Cabin Creek County: Kanawha Quadrangle: Eskdale
 6) WELL OPERATOR Cabot Oil & Gas Corp. of WV 7) DESIGNATED AGENT Steven D. Turk
 Address P.O. Box 628 Address P.O. Box 628
Charleston, WV 25322 Charleston, WV 25322
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Jerry Holcomb Ph: 824-3337 Name UNKNOWN
 Address Box 58 Rural Rt #1 - Bx 28 Address _____
Indore, WV 25117 Hamlin, W.V.
 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, Big Lime, Weir, Gordon, Brown Shale
 12) Estimated depth of completed well, 5018 feet
 13) Approximate strata depths: Fresh, 155, 170 feet; salt, _____ feet.
 14) Approximate coal seam depths: 102 (solid) 1127 (solid) Is coal being mined in the area? Yes _____ / No

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 FEB 14 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

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"		65			30'	30'	10 sks.	Kinds
Fresh water									
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									or as req. by rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-039-4007

March 15, 19 84
 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 March 15, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <u>LS</u>	Plat: <u>MH</u>	Casing <u>MH</u>	Fee <u>012 - 503</u>
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T. J. [Signature]
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

1) LOCATION: Elevation: 1522' District: Cabell Creek County: Wayne State: Kentucky

2) WELL OPERATOR: Capco Oil & Gas Corp. of W. Address: P.O. Box 828 Charleston, W. 25302

3) DESIGNATED AGENT: Steven D. Turk Address: P.O. Box 828 Charleston, W. 25302

4) DRILLING CONTRACTOR: Name: Address: Redhill

5) PROPOSED WELL WORK: Drill deeper

6) GEOLOGICAL TARGET FORMATION: Big Lame Water, Gordon, Brown shale

7) ESTIMATED DEPTH OF COMPLETED WELL: 3018 feet

8) APPROXIMATE STRATIGRAPHIC POSITION: Fresh water

9) APPROXIMATE COAL SEAM DEPTH: 102 (2016) 1127 (2016)

10) CASING AND TUBING PROGRAM

TUBING TYPE	Casing or Tubing	Size	Grade	Weight per ft.	SPEECH HOLE		Foot in well	CEMENT MUD-UP OR FACTS	PACKERS
					New	Used			
Connector		7 1/2"		55			301	10 sks.	
Production		4-1/2"		10.5			301	200 sks.	
Intermediate		8-5/8"		24			301	375 sks.	

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		

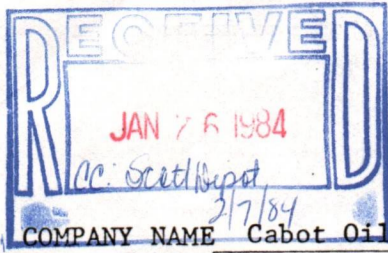
OTHER INSPECTIONS

Reason: _____

Reason: _____

Agent	Pin	Casing	Fee
LA MA 012			

02/16/2024



State of West Virginia
Department of Mines
Oil and Gas Division

JAN 20 1984

Construction and Reclamation Plan

COMPANY NAME Cabot Oil & Gas Corporation
ADDRESS P.O. Box 628, Chas. WV 25322
TELEPHONE 304-347-1600
LANDOWNER Shonk Land Company, Ltd.

DESIGNATED AGENT Steven Turk
ADDRESS P.O. Box 628 Chas. WV 25322
TELEPHONE 304-347-1600
SOIL CONS. DISTRICT Capitol

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.

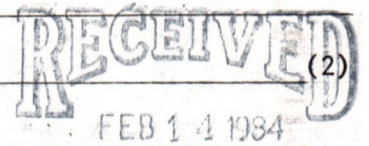
JAN 25 1984

(Date)

R. C. Alford

(SCD Agent)

ACCESS ROAD	LOCATION
STRUCTURE _____ (A)	STRUCTURE _____ (1)
SPACING _____	MATERIAL _____
PAGE REF. MANUAL _____	PAGE REF. MANUAL _____
STRUCTURE _____ (B)	STRUCTURE _____ (2)
SPACING _____	MATERIAL _____
PAGE REF. MANUAL _____	PAGE REF. MANUAL _____
STRUCTURE _____ (C)	STRUCTURE <u>Sediment Barrier</u> (3)
SPACING _____	MATERIAL <u>Straw Bales</u>
PAGE REF. MANUAL _____	PAGE REF. MANUAL <u>2:16 & 2:18</u>



OIL & GAS DIVISION

DEPT. OF MINES

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.

Revegetation

TREATMENT AREA I

TREATMENT AREA II

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

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

Cabot Oil and Gas Corporation

02/16/2024

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


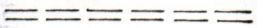
ADDRESS P.O. Box 628

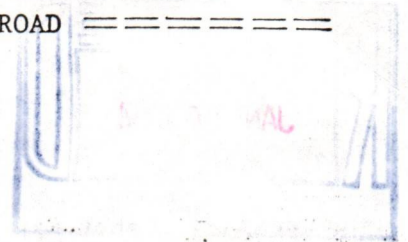
Charleston, WV 25322

PHONE NO. (304) 347-1600

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Eskdale

LEGEND

WELL SITE 
ACCESS ROAD 






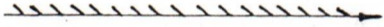














PHOTOCOPY ATTACHED

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.

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	

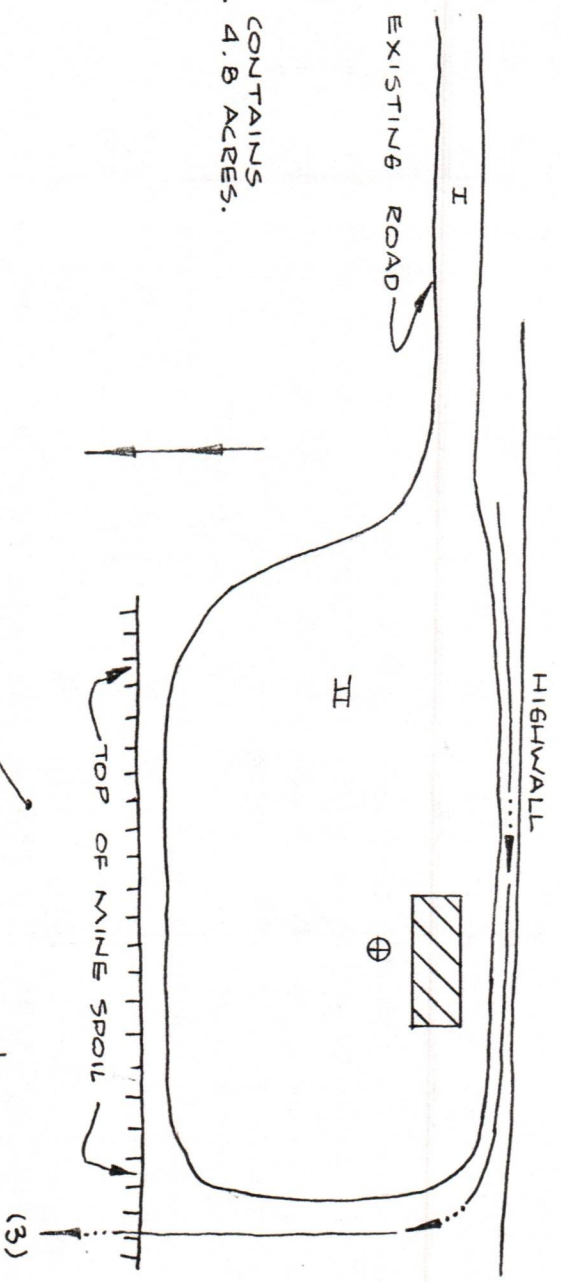
SKETCH ATTACHED

COMMENTS: Location to be tilted toward highwall to divert runoff through sediment control.

Any "black" material encountered will be buried.

02/16/2024

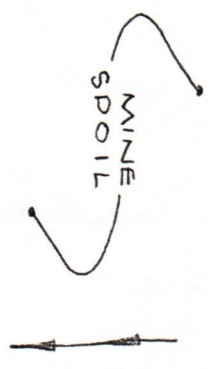
AREA II CONTAINS
APPROX. 1 ACRE.



AREA I CONTAINS
APPROX. 4.8 ACRES.

ANY BLACK MATERIAL ENCOUNTERED
SHALL BE BURIED.

LOCATION ON EXISTING STRIP MINE
BENCH, TILT LOCATION TOWARD
HIGHWALL TO DIVERG RUNOFF
THROUGH SEDIMENT CONTROL.



02/16/2024

CABOT OIL & GAS CORPORATION

CHARLESTON, W. VA.
SHONK LAND CO. NO. 35

KOLB ENTERPRISES Ltd.
CHARLESTON, W. VA.

for P522 264 297

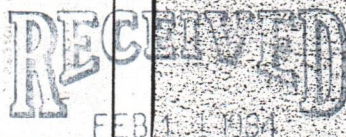
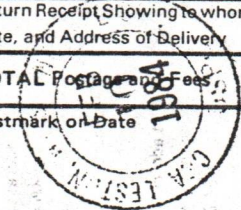
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Shonk Land Company	
Street and No. P. O. Box 969	
P.O., State and ZIP Code Charleston, WV 25325	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 2.06
Postmark of Date	

Shonk #35
PS Form 3800, Feb. 1982



for P522 264 295

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Loss-Hamilton Coal Co.	
Street and No. P. O. Box 175	
P.O., State and ZIP Code Hansford, WV 25103	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1.72
Postmark of Date	

Shonk #35
PS Form 3800, Feb. 1982



OIL & GAS DIVISION

DEPT. OF MINES

Conrad P522 264 294

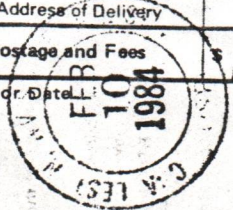
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Cedar Coal Company	
Street and No. P. O. Box 548	
P.O., State and ZIP Code Cabin Creek, WV 25035	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1.72
Postmark of Date	

Shonk #34
PS Form 3800, Feb. 1982



for P522 264 296

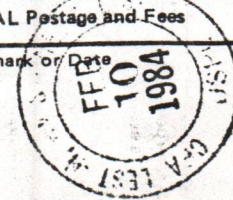
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Shonk Land Company	
Street and No. P. O. Box 969	
P.O., State and ZIP Code Charleston, WV 25325	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1.89
Postmark of Date	

Shonk #34
PS Form 3800, Feb. 1982



02/16/2024

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 Shonk Land Co., Ltd.
Address P.O. Box 969
Charleston, WV 25324

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5(i) COAL OPERATOR Loss-Hamilton Coal Co.
Address P.O. Box 175, Attn: Marty Burke
Hansford, WV 25103

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD
Name Shonk Land Co., Ltd.
Address P.O. Box 969
Charleston, WV 25324

Name _____
Address _____

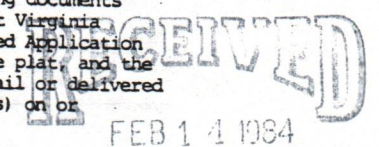
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

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.)

OIL & GAS DIVISION
DEPT. OF MINES

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 **X**

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

Steven D. Turk
this day of , 19 .
My commission expires March 5, 1989.

Lorene Miller
Notary Public, Kanawha County,
State of West Virginia

WELL
OPERATOR CABOT OIL & GAS CORPORATION OF WV

By [Signature]
Its District Drilling Superintendent
Address P.O. Box 628
Charleston, WV 25322
Telephone 347-1600

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:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>Page</u>
Shonk Land Co., Ltd.	Appalachian Exploration & Development, Inc. (Cabot Oil & Gas Corp. of WV)	18.5%	9	528

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

RECEIVED

JUL 30 1984

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

Permit No. 039-4007

Oil or Gas Well _____
(KIND)

Company <u>CABOT</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Charleston</u>	Size			
Farm <u>Shonk land</u>	16			Kind of Packer _____
Well No. <u>#35</u>	13			
District <u>CABIN CREEK</u> County <u>KAN</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 FALCON DRILLING RIG #3

Remarks: Run 1801 ft 8 5/8 CASING

7/27/84

DATE

Rod Diller

02/16/2024

DISTRICT WELL INSPECTOR

RECEIVED

JUL 30 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. 039-4007

Oil or Gas Well (KIND)

Company <u>CABOT</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Charleston</u>	Size			
Farm <u>Shook land</u>	16			Kind of Packer
Well No. <u>#35</u>	13			
District <u>CABIN CREEK</u> County <u>KAN</u>	10			Size of
Drilling commenced	8 1/4			
Drilling completed	6 5/8			Depth set
Date shot	5 3/16			
Initial open flow	3			Perf. top
Open flow after tubing	2			Perf. bottom
Volume	Liners Used			Perf. top
Rock pressure				Perf. bottom
Oil	CASING CEMENTED	SIZE	No. FT.	Date
Fresh water	NAME OF SERVICE COMPANY			
Salt water	COAL WAS ENCOUNTERED AT			
	FEEET	INCHES	FEEET	INCHES
	FEEET	INCHES	FEEET	INCHES

Drillers' Names FALCON Drilling Rig #3

Remarks: Drilling ON AIR AT 1800 ft. Soaping hole

11:00 A.M.

7/27/84
DATE

Lod Dillman
DISTRICT WELL INSPECTOR

02/16/2024

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

RECEIVED

AUG - 6 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 039-4007

Oil or Gas Well _____
(KIND)

Company <u>CAROT</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Charleston</u>	Size			
Farm <u>Shank land</u>	16			Kind of Packer _____
Well No. <u>#35</u>	13			
District <u>Cabin Creek</u> County <u>MAN</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 Falcon Drilling Rig #3

Remarks: Drilling on Air at 3289
Dusting hole

7/30/84
DATE

Rod Driver
02/16/2024
DISTRICT WELL INSPECTOR

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

RECEIVED
OCT 29 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 034-4007

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>CABOT</u>	Size			
<u>CHARLESTON</u>	16			Kind of Packer
<u>Shank Land</u>	13			
<u>#35</u>	10			Size of
<u>Cabin Creek County Kan</u>	8 1/4			
<u>7/22/84</u>	6 5/8			Depth set
<u>8-5-84</u> 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: Go To look At Reclamation Can't get in Gate locked By Coal Co.

10/25/84
DATE

Rod W. Sullivan
DISTRICT WELL INSPECTOR

02/16/2024

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

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NOV 5 - 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 039-4007

Oil or Gas Well Gas
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>CABOT</u>	Size			
<u>CHARLESTON</u>	16			Kind of Packer
<u>SHOOK LAND</u>	13			
<u>#35</u>	10			Size of
District <u>CABINCK.</u> County <u>KAN</u>	8 1/4			
Drilling commenced <u>7/22/84</u>	6 5/8			Depth set
Drilling completed <u>8/5/84</u> Total depth	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top
	2			Perf. bottom
Initial open flow _____ /10ths Water in _____ Inch	Liners Used			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch				Perf. bottom
Volume _____ Cu. Ft.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date			
Rock pressure _____ lbs. _____ hrs.	NAME OF SERVICE COMPANY			
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Location & Road is Not Reclaimed
At This Time
No ID on Well

11/2/84
DATE

[Signature]
DISTRICT WELL INSPECTOR
02/16/2024

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

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NOV 26 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 034-4007

Oil or Gas Well Gas
(KIND)

Company <u>CABOT</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address <u>Charleston</u>	Size		
Farm <u>Shenk Land</u>	16			
Well No. <u>#35</u>	13			Size of
District <u>CABIN CREEK</u> County <u>KAN.</u>	10			
Drilling commenced <u>7-22-84</u>	8 1/4			Depth set
Drilling completed <u>8-5-84</u> Total depth	6 5/8			
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 _____

Remarks: Perf. well

11-19-84
DATE

Rod D. [Signature]
02/16/2024
DISTRICT WELL INSPECTOR

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

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DEC 18 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 039-4007

Oil or Gas Well _____
(KIND)

Company Cabot oil & Gas

Address _____

Farm Shankland Co. Ltd.

Well No. Shankland #35

District Cabindreek 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 _____

Remarks:
Service Rig sitting on hole.

12-11-84
DATE

Charles W. Hinds
DISTRICT WELL INSPECTOR

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

RECEIVED

JAN 4 - 1985

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 039-4007

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>Shankland Co. Ltd.</u>	16			Kind of Packer _____
Well No. <u>Shankland # 35</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:

well not hooked up at this time.

12-28-84
DATE

Carlos W. Hight
DISTRICT WELL INSPECTOR

02/16/2024

2/16/82

RECEIVED
JAN 1982

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			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

02/16/2024

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

RECEIVED
 MAY 28 1985

Company: CABOT O & G CORP
 Well: SHONK LAND COMPANY, LTD. Well: SHONK 35

Permit No. 47- 39-4007 OIL & GAS DIVISION
 County: KANAWHA
DEPT. OF MINES

Rule	Description	In Compliance	
		Yes	No
3.06	Notification prior to starting work	-----	-----
5.04	Prepped before drilling to prevent waste	-----	-----
5.03	High pressure drilling	-----	-----
6.01	Required permits at wellsite	-----	-----
5.03	Adequate Fresh Water Casings	-----	-----
5.02	Adequate Coal Casings	-----	-----
5.01	Adequate Production Casings	-----	-----
5.04	Adequate Cement Strength	-----	-----
5.05	Cement Type	-----	-----
3.02	Maintained Access Roads	-----	-----
5.01	Necessary Equipment to Prevent Waste	-----	-----
3.04	Reclaimed Drilling Pits	-----	-----
3.05	No Surface or Underground Pollution	-----	-----
3.07	Requirements for Production & Gathering Pipelines	-----	-----
6.01	Well Records on Site	-----	-----
6.02	Well Records Filed	-----	-----
75	Identification Markings	-----	-----

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

SIGNED *Charles W. Hively*
 DATE 5-24-85

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

May 28, 1985
 Date

LATITUDE 39-02-30

LONGITUDE 81-25-00

SHONK LAND COMPANY, LTD.

1816 236
80 01
4519.4 ACRES

ACME

TEMILE FORD

(7.5' TARP. LOCA)

PROP. SHONK NO. 35

HOWELL

HOLLOW

CABIN CREEK

DECOTA

MONUMENT NO. K-1

CORNER NO. 4

KAYFORD

COPPER PLUG
(FOUND IN CONCRETE
STEPS OF POST OFFICE)

N67-52-33E
2,373.00'

CORNER NO. 3

SURVEY TIES

- Ⓐ S28-37-45 W ~ 5065.555'
- Ⓑ S22-20-13 W ~ 5318.382'
- Ⓒ S22-11'-00 E ~ 232.28'
- Ⓓ S09-54-00 E ~ 234.17'

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=2000'
 MINIMUM DEGREE OF ACCURACY 1-2000
 PROVEN SOURCE OF ELEVATION BM-1268 SW OF LOCATION

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) [Signature]
 R.P.E. _____ L.L.S. -NO. 736-

PLACE SEAL HERE

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



DATE JAN. 08, 19 84
 OPERATOR'S WELL NO. SHONK #35
 API WELL NO. _____
47 - 039 - 4007
 STATE COUNTY PERMIT

Department of Mines
Oil & Gas Division

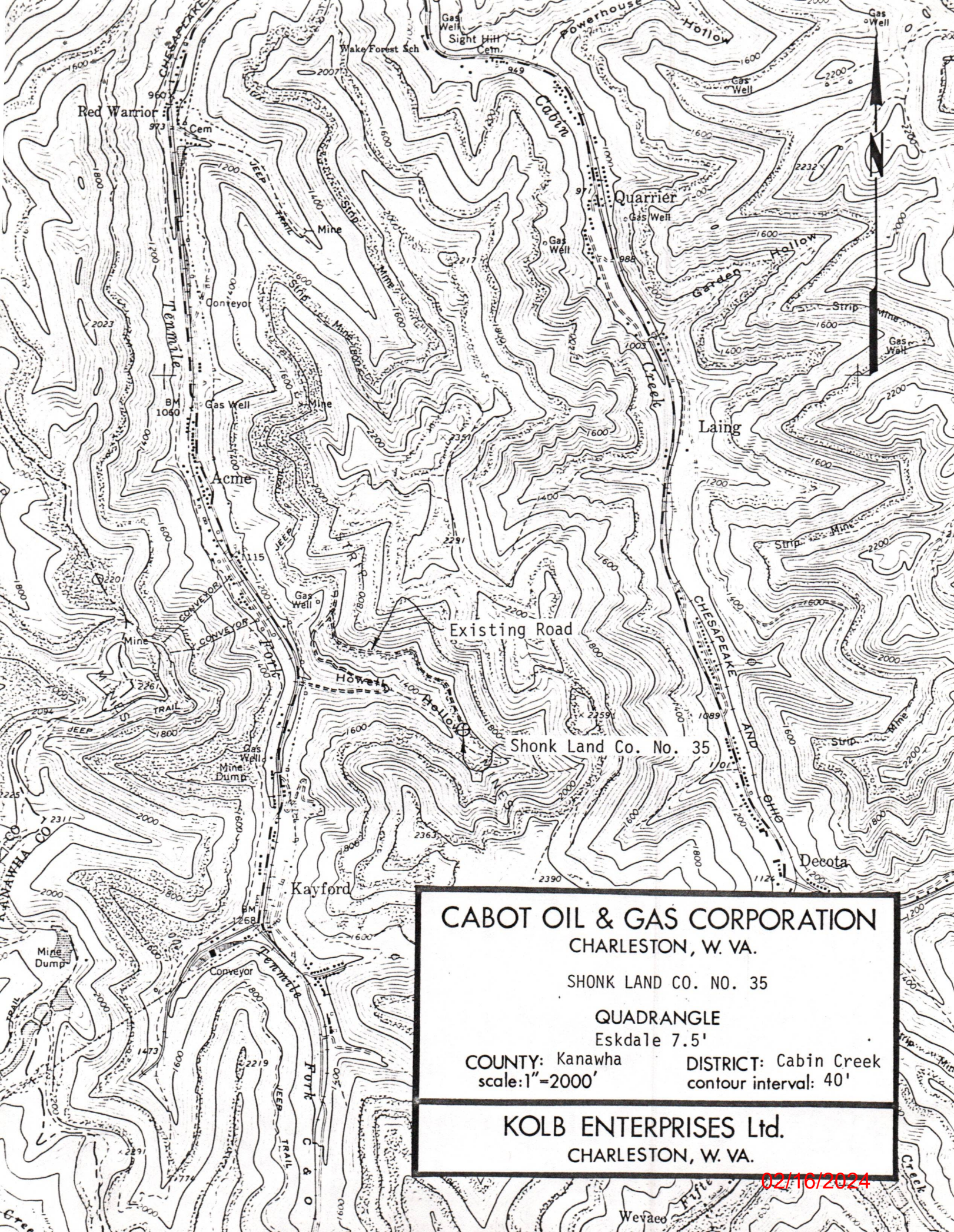
WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 15.22' WATER SHED TEMILE FORD OF CABIN CREEK
 DISTRICT CABIN CREEK COUNTY KANAWHA
 QUADRANGLE ESKDALE

SURFACE OWNER SHONK LAND CO., LTD. ACREAGE 4519.4
 OIL & GAS ROYALTY OWNER SHONK LAND CO. LTD. LEASE ACREAGE 18,000
 LEASE NO. 47-0641

02/16/2024

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

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Brown Shale ESTIMATED DEPTH 5018'
 WELL OPERATOR C.O.G.C. OF W.VA. DESIGNATED AGENT JIM CRAMBLETT
 ADDRESS PO. BOX 628 CHAS. W.VA. ADDRESS PO. BOX 628 CHAS. W.VA.



CABOT OIL & GAS CORPORATION

CHARLESTON, W. VA.

SHONK LAND CO. NO. 35

QUADRANGLE

Eskdale 7.5'

COUNTY: Kanawha
scale: 1"=2000'

DISTRICT: Cabin Creek
contour interval: 40'

KOLB ENTERPRISES Ltd.

CHARLESTON, W. VA.

02/16/2024



RECEIVED

APR 16 1985 State of West Virginia

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

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

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: 1522' Watershed Tenmile Fork of Cabin Creek
District: Cabin Creek County Kanawha Quadrangle Eskdale

COMPANY Cabot Oil & Gas Corporation of WV
ADDRESS Box 628, Charleston, WV 25322
DESIGNATED AGENT David G. McCluskey
ADDRESS Box 628, Charleston, WV 25322
SURFACE OWNER Shonk Land Company, Ltd.
ADDRESS Box 969, Charleston, WV 25324
MINERAL RIGHTS OWNER Shonk Land Company, Ltd.
ADDRESS Box 969, Charleston, WV 25324
OIL AND GAS INSPECTOR FOR THIS WORK Russell Beall
ADDRESS Box 160, Philippi, WV 26416

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

PERMIT ISSUED March 15, 1984
DRILLING COMMENCED July 21, 1984
DRILLING COMPLETED August 2, 1984

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

GEOLOGICAL TARGET FORMATION Big Lime 2408-2682 Gordon 3439-3451
Weir 2828-2833 Brown Shale 5042-5186

Depth of completed well 5229 feet Rotary XX / Cable Tools

Water strata depth: Fresh 98 feet; Salt feet

Coal seam depths: 102 (solid) 1127 (solid) Is coal being mined in the area? No

OPEN FLOW DATA Maxton 2255-2310
Big Lime 2643-2672
Weir 2828-2833
Producing formation Shale Pay zone depth 4761-5075 feet

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

4 hr. Final open flow 1463 Mcf/d Final open flow - - Bbl/d

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

Static rock pressure 440 psig (surface measurement) after - - hours shut in

(If applicable due to multiple completion--)

02/16/2024

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)

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 H₂O, 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 LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					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	
Shale			1550	1638	
Salt Sand			1638	1748	
Shale			1748	2236	
Lower Maxton			2236	2314	
Shale			2314	2318	
Little Lime			2318	2400	
Pencil Cave			2400	2408	
Big Lime			2408	2682	
Shale			2682	2714	
Injun			2714	2758	
Shale			2758	2828	
Weir			2828	2833	
Shale			2833	3187	
Berea			3187	3232	
Shale			3232	3439	
Gordon			3439	3451	
Shale			3451	5042	
Lower Huron			5042	5186	
Shale			5186	5226	
TD			5226		
LTD			5229		

(Attach separate sheets as necessary)

Cabot Oil & Gas Corporation of West Virginia

Well Operator

By: David L. McKinstry 02/16/2024
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."

RECEIVED

JUL 30 1984

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

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

Permit No. 039-4007

Oil or Gas Well _____
(KIND)

Company <u>CABOT</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address <u>CHARKESTON</u>	Size		
Farm <u>Shouk Land</u>	16			
Well No. <u>#35</u>	13			
District <u>CABIN CREEK</u> County <u>MAN</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 FALCON DRILLING RIG #3

Remarks: DRILLING ON AIR SOAPING HOLE AT 835 FT.

7/24/84
DATE

Rod Dellen
02/16/2024
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

DISTRICT WELL INSPECTOR
02/16/2024