



1) Date: June 26, 19 85  
 2) Operator's Well No. C.W. Murphy C-7  
 3) API Well No. 47 -109-0982  
 State County Permit

**RECEIVED**

JUN 27 1985

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

OIL & GAS DIVISION

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: ~~Oil~~ **MINES** Gas  /  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow  /)
- 5) LOCATION: Elevation: 1639.73' Watershed: Simmons Fork of Clear Fork  
 District: Oceana County: Wyoming Quadrangle: Matheny 463
- 6) WELL OPERATOR Cabot Oil & Gas Corporation 7) DESIGNATED AGENT David G. McCluskey  
 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 Arthur St. Clair Name UNKNOWN  
 Address P.O. Box 468 Address \_\_\_\_\_  
Brenton, WV 24818
- 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, Ravencliff @ 1710', Big Lime @ 2665', Weir @ 3185'  
 12) Estimated depth of completed well, 3300 feet  
 13) Approximate strata depths: Fresh, 75 feet; salt, 1135 feet.  
 14) Approximate coal seam depths: 131 and 694' Is coal being mined in the area? Yes \_\_\_\_\_ / No  /

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	X		30'	30'	10 sks. Neat	CTS
Fresh water									
Coal									Sizes
Intermediate	8-5/8"		24	X		1650'	1650'	390 sks. Neat	CTS
Production	4-1/2"		10.5	X		3300'	3300'	340 sks. or	Depths set
Tubing								as req. by Rule 15.01	
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-109-0982

July 2 19 85

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 July 2, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>ALB</u>	Plat: <u>mn m D 14921</u>	Casing	Fee
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*Margaret J. Dasse*  
Administrator, Office of Oil and Gas

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

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

File

OFFICE USE ONLY

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

LOCATION: 1539.75'  
 COUNTY: Wyoming  
 WELL OPERATOR: Cabot Oil & Gas Corporation  
 ADDRESS: P.O. Box 628, Charleston, W.V. 25322  
 NAME: Arthur S. Clark  
 ADDRESS: P.O. Box 468, Brenton, W.V. 24918  
 PROJECT WELL WORK:

THE PROPOSED MODIFICATIONS TO THE PERMIT ARE:  
 1. A modification of the well depth from 1135' to 1130'.  
 2. A modification of the casing string from 131 and 694' to 131 and 694'.  
 3. A modification of the casing string from 131 and 694' to 131 and 694'.

DEPTH (FEET)	DIAMETER (INCHES)	TYPE	DATE
10.5'	10.5"	X	4-12"
8.5'	8.5"	X	8-2/8"
30'	30"	X	10 sks. West CTS
1550'	1550"	X	390 sks. West CTS
3300'	3300"	X	340 sks. or

OFFICE USE ONLY

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

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

OTHER INSPECTIONS

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



1) Date: June 26, 19 85  
 2) Operator's Well No. C.W. Murphy C-7  
 3) API Well No. 47  
 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 X /  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 1639.73' / Watershed: Simmons Fork of Clear Fork  
 District: Oceana / County: Wyoming / Quadrange: Matheny
- 6) WELL OPERATOR Cabot Oil & Gas Corporation / 7) DESIGNATED AGENT David G. McCluskey  
 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 Arthur St. Clair / Name UNKNOWN  
 Address P.O. Box 463 / Address \_\_\_\_\_  
Brenton, WV 24818 /
- 10) PROPOSED WELL WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate X /  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Ravencloiff @ 1710', Big Lime @ 2665', Weir @ 3185'
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 13) Approximate trata depths: Fresh, 75 feet; salt, 1135 feet.  
 14) Approximate coal seam depths: 131 and 694' Is coal being mined in the area? Yes \_\_\_\_\_ / No X /

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	X		30'	30'	10 sks. Neat	Kinds
Fresh water									
Coal									
Intermediate	8-5/8"		24	X		1650'	1650'	390 sks. Neat	Sizes
Production	4-1/2"		10.5	X		3300'	3300'	340 sks. or	CTS
Tubing								as req. by Rule 15.01	Depths set
Liners									Perforations:
									Top
									Bottom

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of the filing of the Application.

WAIVER

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19 \_\_\_\_\_

By Margaret J. Hasser  
 Its \_\_\_\_\_



1) Date: June 26, 19 85  
 2) Operator's Well No. C.W. Murphy C-7  
 3) API Well No. 47  
 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 X /  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
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 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:  
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Production	4-1/2"		10.5	X		3300'	3300'	340 sks. or	Depths set	
Tubing								as req. by Rule 15.01		
Liners									Perforations:	
									Top	Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

**VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.  
 I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: \_\_\_\_\_  
 By \_\_\_\_\_  
 Its \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_\_  
 (Signature) Date: \_\_\_\_\_  
 \_\_\_\_\_  
 (Signature) Date: \_\_\_\_\_

**INSTRUCTIONS TO SURFACE OWNERS  
AND  
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT  
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

**NOTE: You are not required to file any comment at all.**

**Where to file comments and obtain additional information:**

Administrator of the Office of Oil and Gas  
West Virginia Department of Mines  
1615 Washington Street East  
Charleston, West Virginia 25311  
(304) 348-2057

**Who may file comments?** If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

**Time limits for comments.** The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

**Methods for filing comments.** Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- “(1) The proposed well work will constitute a hazard to the safety of persons; or
- “(2) The plan for soil erosion and sediment control is not adequate or effective; or
- “(3) Damage would occur to publicly owned lands or resources; or
- “(4) The proposed well work fails to protect fresh water sources or supplies.”

**If you want a copy of the permit** as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

**List of Water Testing Laboratories.** The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.



DATE April 26, 1985  
 WELL NO. C.W. Murphy C-7  
 API NO. 47 - 109 - 0982

State of West Virginia

Department of Mines  
 Oil and Gas Division

Construction and Reclamation Plan

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

DESIGNATED AGENT David McCluskey  
 ADDRESS P.O. Box 628 Chas. WV 25322  
 TELEPHONE 304-347-1600  
 SOIL CONS. DISTRICT Southern

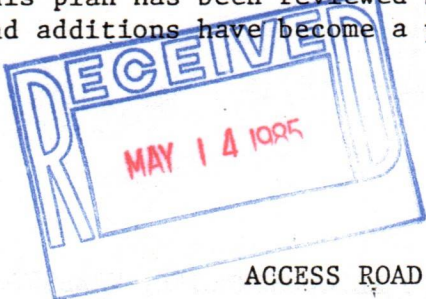
Revegetation to be carried out by \_\_\_\_\_ Company Contractor \_\_\_\_\_ (Agent)

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

5-13-85

(Date)

Gary W. Boschain  
 (SCD Agent)

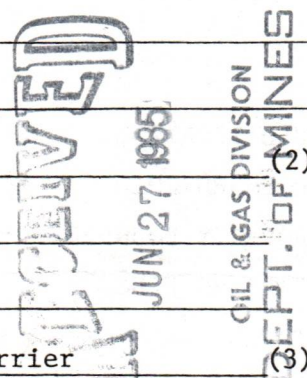


ACCESS ROAD

LOCATION

STRUCTURE Ditch Relief Cross Drain (A)  
 SPACING Per Plan  
 PAGE REF. MANUAL 2-1, 2-2, 2-3, 2-4  
 STRUCTURE Culvert (B)  
 SPACING Per Plan  
 PAGE REF. MANUAL 2:7, 2:8 & 2:9  
 STRUCTURE \_\_\_\_\_ (C)  
 SPACING \_\_\_\_\_  
 PAGE REF. MANUAL \_\_\_\_\_

STRUCTURE \_\_\_\_\_ (1)  
 MATERIAL \_\_\_\_\_  
 PAGE REF. MANUAL \_\_\_\_\_  
 STRUCTURE \_\_\_\_\_ (2)  
 MATERIAL \_\_\_\_\_  
 PAGE REF. MANUAL \_\_\_\_\_  
 STRUCTURE Sediment Barrier (3)  
 MATERIAL Straw Bales or Filter Fence  
 PAGE REF. MANUAL 2:16, 2:18 & 2:19



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
Lime	<u>3</u>	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</u>	40 lbs/acre
	<u>Redtop</u>	5 lbs/acre
		lbs/acre

TREATMENT AREA II		Revegetation
Lime	<u>3</u>	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</u>	40 lbs/acre
	<u>Redtop</u>	5 lbs/acre
		lbs/acre


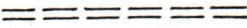
\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X the recommended amount.

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

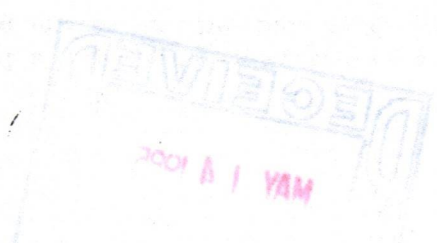
PLAN PREPARED BY David M. McCluskey  
Cabot Oil & Gas Corporation  
 ADDRESS P.O. Box 628  
Charleston, WV 25322  
 PHONE NO. (304) 347-1600

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Matheny 7.5'

LEGEND

WELL SITE   
ACCESS ROAD 



















PHOTOCOPY ATTACHED  
SKETCH 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	

COMMENTS: Ditch Relief Cross Drains to be installed as an integral part of the reclamation process and shall be spaced in accordance with Table I 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.

Portions of existing/proposed roads which are located in "solid" rock shall not require ditches and/or cross drains, unless otherwise warranted by field conditions.

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

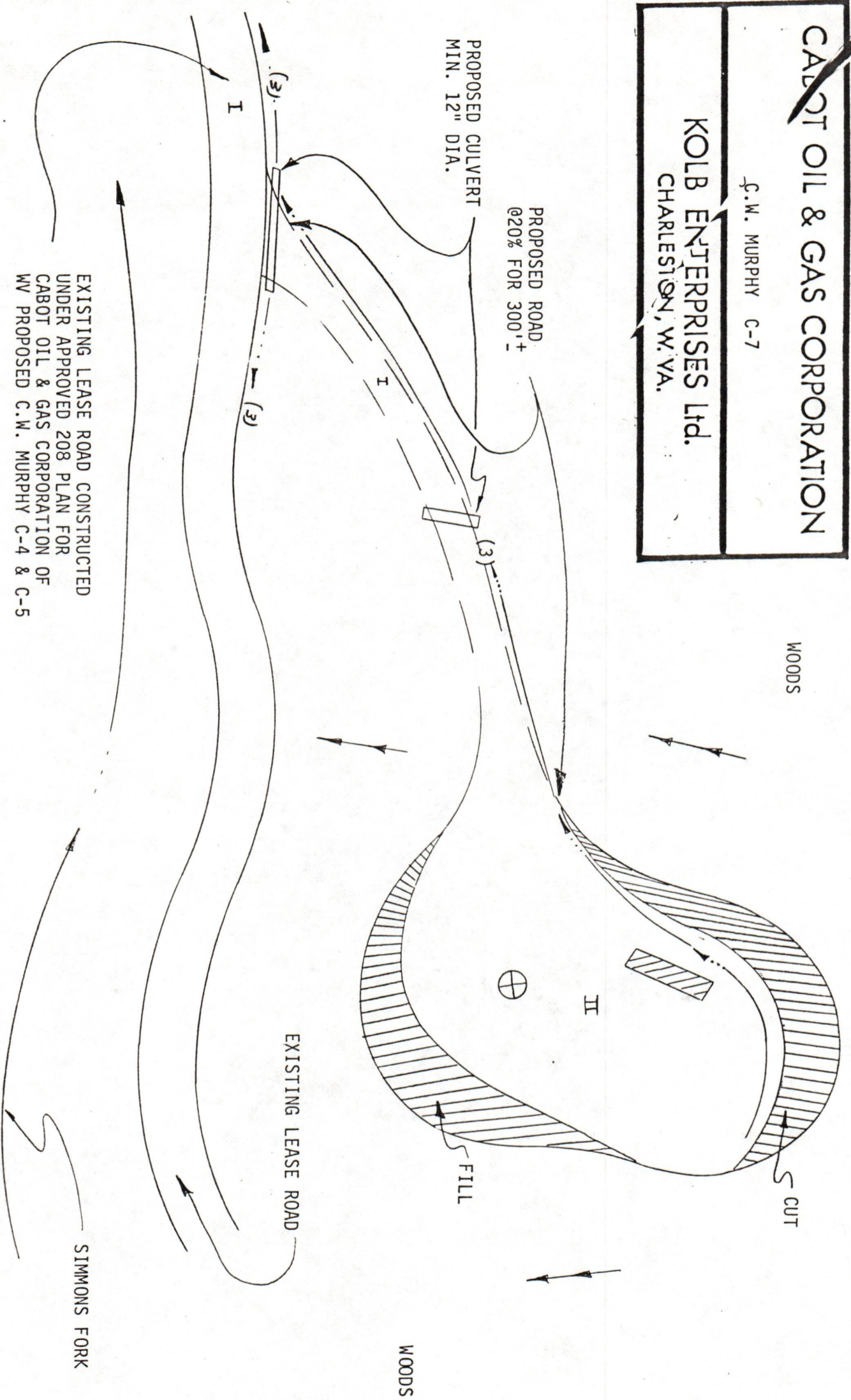
The existing portion of access road to the site to be graded, ditches pulled and drains installed where required by field conditions.

Please note that portions of the proposed/existing access roads are immediately adjacent to the stream and that temporary sediment control will be utilized as dictated by field conditions at time of construction.

# CABOT OIL & GAS CORPORATION

C.W. MURPHY C-7

KOLB ENTERPRISES Ltd.  
CHARLESTON, W. VA.



PROPOSED CULVERT  
MIN. 12" DIA.

PROPOSED ROAD  
@20% FOR 300'+

WOODS

II

CUT

FILL

EXISTING LEASE ROAD

WOODS

SIMMONS FORK

EXISTING LEASE ROAD CONSTRUCTED  
UNDER APPROVED 208 PLAN FOR  
CABOT OIL & GAS CORPORATION OF  
WV PROPOSED C.W. MURPHY C-4 & C-5

AREA I = 4 ACRES+  
AREA II = 1 ACRE+



1) Date: June 26, 1985  
2) Operator's Well No. C.W. Murphy C-7  
3) API Well No. 47-109-0982  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OFFICE OF OIL & GAS  
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Simmons Fork Land Company  
Address P.O. Box 356  
Peterstown, WV 24963

ii) Name \_\_\_\_\_  
Address \_\_\_\_\_

ii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR NOT OPERATED  
Address \_\_\_\_\_

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Simmons Fork Land Company  
Address P.O. Box 356  
Peterstown, WV 24963

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

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

P 753 224 881

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to	Simmons Fork Land Company
Street and No.	P.O. Box 356
P.O. State and ZIP Code	Peterstown, WV 24963
Postage	\$
Certified Fee	75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	70
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

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



6) EXTRACTION RIGHTS

Check and provide one of the following:

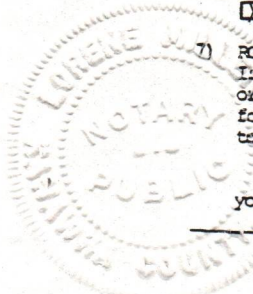
- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

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

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

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



RECEIVED JUN 27 1985

OIL & GAS DIVISION DEPT. OF MINES

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 David G. McCluskey this 26 day of June, 1985. My commission expires March 5, 1989.

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

WELL OPERATOR CABOT OIL & GAS CORPORATION  
By David G. McCluskey  
Its District Drilling Superintendent  
Address P.O. Box 628  
Charleston, WV 25322  
Telephone (304) 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)

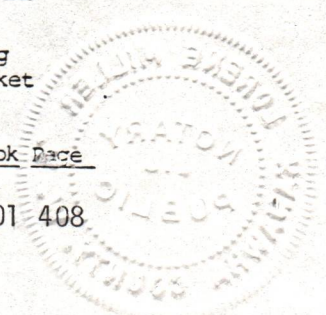
Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (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 Page</u>
C.W. Murphy, et al	Godfrey L. Cabot, Inc. (COGC)	1/8	101 408

(CURRENT ROYALTY OWNER)

Simmons Fork Land Company





1) Date: June 26, 19 85  
 2) Operator's Well No. C.W. Murphy C-7  
 3) API Well No. 47  
 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 X /  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 1639.73' / Watershed: Simmons Fork of Clear Fork  
 District: Oceana / County: Wyoming / Quadrangle: Matheny
- 6) WELL OPERATOR Cabot Oil & Gas Corporation  
 Address P.O. Box 628  
Charleston, WV 25322
- 7) DESIGNATED AGENT David G. McCluskey  
 Address P.O. Box 628  
Charleston, WV 25322
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Arthur St. Clair  
 Address P.O. Box 463  
Brenton, WV 24818
- 9) DRILLING CONTRACTOR:  
 Name UNKNOWN  
 Address \_\_\_\_\_
- 10) PROPOSED WELL WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate \_\_\_\_\_  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Ravencliff @ 1710', Big Lime @ 2665', Weir @ 3105'
- 12) Estimated depth of completed well, 3300 feet
- 13) Approximate true depths: Fresh, 75 feet; salt, 1135 feet.
- 14) Approximate coal seam depths: 131 and 694' Is coal being mined in the area? Yes \_\_\_\_\_ / No X

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	15"		65	X		30'	30'	10 sks. Neat	Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8"		24	X		1650'	1650'	390 sks. Neat	CTS
Production	4-1/2"		10.5	X		3300'	3300'	340 sks. or	Depths set
Tubing								as req. by Rule 15.01	
Liners									Perforations:
									Top Bottom

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of the filing of the Application.

WAIVER

The undersigned coal operator \_\_\_\_\_ / owner X / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: July 1, 19 85  
 By: Simmons Fork Land Company  
Alexander M. Smith  
 Its President



IV-35  
(Rev 8-81)

**RECEIVED**  
OCT 21 1985

DIVISION OF OIL & GAS  
**DEPT. OF ENERGY**

State of West Virginia  
Department of Mines  
Oil and Gas Division

Date October 16, 1985  
Operator's  
Well No. C-7  
Farm C.W. Murphy  
API No. 47 - 109 - 0982

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

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

LOCATION: Elevation: 1639.72' Watershed Simmons Fork of Clear Fork  
District: Oceana County Wyoming Quadrangle Matheny

COMPANY Cabot Oil & Gas Corporation  
ADDRESS P.O. Box 628, Charleston, WV 25322  
DESIGNATED AGENT David G. McCluskey  
ADDRESS P.O. Box 628, Charleston, WV 25322  
SURFACE OWNER Simmons Fork Land Company  
ADDRESS P.O. Box 356, Peterstown, WV 24963  
MINERAL RIGHTS OWNER Same as above  
ADDRESS \_\_\_\_\_  
OIL AND GAS INSPECTOR FOR THIS WORK Arthur  
St. Clair ADDRESS P.O. Box 468  
Brenton, WV 24818  
PERMIT ISSUED July 2, 1985  
DRILLING COMMENCED 7/20/85  
DRILLING COMPLETED 7/27/85

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size <u>X20-16</u> Cond.	<u>47'</u>	<u>47'</u>	<u>10 sks.</u>
<u>13-10"</u>			
<u>9 5/8</u>			
<u>8 5/8</u>	<u>1653.8'</u>	<u>1653.8'</u>	<u>540 sks.</u>
<u>7</u>			
<u>5 1/2</u>			
<u>4 1/2</u>	<u>3298'</u>	<u>3298'</u>	<u>260 sks.</u>
<u>3</u>			
<u>x2x 1 1/2</u>	<u>3144'</u>	<u>3144'</u>	
<del>XXXXX</del>	<u>Seating Nipple @ 3114'</u>		
<del>XXXXX</del>	<u>Arrow Tension Pkr. @ 1810'</u>		

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

GEOLOGICAL TARGET FORMATION Ravencliff, Big Lime, Weir RV. 1764-1796, BL 2663-2981  
Depth of completed well 3324 feet Rotary X / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 62 feet; Salt ---- feet  
Coal seam depths: 131-137', 689-695' Is coal being mined in the area? NO

OPEN FLOW DATA

Producing formation Big Lime & Weir BL 2698-2887  
Pay zone depth W 3180-3188 feet  
Gas: Initial open flow .047 Weir Mcf/d Oil: Initial open flow --- Bbl/d  
6 hr. Final open flow 582 Mcf/d Final open flow --- Bbl/d  
Time of open flow between initial and final tests --- hours  
Static rock pressure 650 psig (surface measurement) after 6 hours shut in  
(If applicable due to multiple completion--)

Second producing formation Ravencliff Pay zone depth 1766-1793 feet  
Gas: Initial open flow NSR Mcf/d Oil: Initial open flow --- Bbl/d  
6 hr. Final open flow 73 Mcf/d Oil: Final open flow --- Bbl/d  
Time of open flow between initial and final tests 6 hours  
Static rock pressure 510 psig (surface measurement) after -- hours shut in

(Continue on reverse side)

WYOM 0982

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.  
 Perf Weir Sand 3180, 82', 84', 86' & 88' (10 holes - 2 shots/ft.). Treated Weir w/90 Q foam.  
 B/D perfs w/500 gals. 15% HCL. B/D @ 900 psi. Treated w/60,000# 20/40 sand. Max Concentration  
 1 1/2#/gal. AIR 6.5 BPM H<sub>2</sub>O & 16,000 Scf N<sub>2</sub>. ATP 1900 psi. Max 1950 psi. T/F 250 bbls.  
 S/L 233 bbls. Total N<sub>2</sub> 702,000 Scf. ISIP 1500 psi, 15 min 1225 psi. Perf Big Lime 2698',  
 2700', 02', 04', 06', 62', 63', 64', 2878', 79', 85' & 87' (12 holes). B/D perfs @ 1800 psi  
 w/500 gals 15% HCL. Treated w/10,000 gals gelled acid. Energized w/1000 Scf/min N<sub>2</sub>. ATP 1700  
 psi. Max 1950 psi. T/F 252 bbls. Total N<sub>2</sub> 65,000 Scf. ISIP 1875 psi, 15 min 1800 psi.  
 Perf Ravencliff @ 1766', 68', 70', 72', 74', 76', 78', 83', 87', 91' & 93' w/selectfire.  
 B/D @ 2750 psi w/500 gal 15% HCL. ISIP after B/D 2500 psi. Treated w/50,000# 20/50 sand.  
 Max conc 2#/gal. AIR 4 BPM of H<sub>2</sub>O & 11,000 Scf/min N<sub>2</sub>. ATP 3300 psi. Max T/P 3475 psi.  
 T/F 257 bbls. S/L 248 bbls. Total N<sub>2</sub> 924,000 Scf. ISIP 2450 psi, 15 min 2025 psi.

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	1704	FW @ 62', 1/4" stream
Princeton			1704	1735	Coal 131-37', 689-95'
Shale			1735	1764	
Ravencliff			1764	1796	
Avis			1796	1832	
Shale & Sandstone			1832	2408	
Maxton (Shaly)			2408	2438	
Shale			2438	2487	
Little Lime			2487	2647	
Shale			2647	2663	
Big Lime			2663	2981	Gas Checks:
Sand and Shale			2981	3180	1852 - NSR
Weir			3180	3205	1980 - NSR
Shale & Siltstone			3205	3324	2609 - NSR
				LTD 3324	2767 - TSTM
				DTD 3335	2862 - TSTM
					3020 - TSTM
					3325 - .047

(Attach separate sheets as necessary)

CABOT OIL & GAS CORPORATION  
Well Operator

By: David G. McCluskey

Date: October 16, 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."

11  
IR

STATE OF WEST VIRGINIA  
DEPARTMENT OF ~~MINES~~ *Energy*  
OIL AND GAS WELLS DIVISION

RECEIVED  
JUL 25 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

INSPECTOR'S WELL REPORT

Wyo-109-0982  
Permit No.

\* K.B. measurements  
Status

Oil or Gas Well Gas  
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Coast. Oil &amp; Gas</u>	Size			
<u>Charleston oil.</u>	16	<u>30 cts</u>		Kind of Packer
<u>C.W. Murphy</u>	13			
<u>C-7</u>	10			Size of
<u>Osceola</u> County <u>Wyo.</u>	8 1/4			
<u>9-21-85</u>	6 5/8			Depth set
<u>@</u> Total depth <u>1400</u>	<u>5 3/16</u>			
	<u>3</u>			Perf. top
	<u>2</u>			Perf. bottom
	Liners Used			Perf. top
				Perf. bottom
	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
	NAME OF SERVICE COMPANY _____			
	COAL WAS ENCOUNTERED AT <u>131</u> FEET <u>60</u> " INCHES			
	<u>694</u> FEET <u>60</u> " INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Century Drilling Co Reg #2

Remarks: Pit problems leaking transpiring water to another pit.  
Well Run 8 5/8 at 1650' probably this P.M.  
7-23-85 No violation given  
James St. Dawson  
DATE

DISTRICT WELL INSPECTOR

**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

STATE OF WEST VIRGINIA  
DEPARTMENT OF ~~Energy~~  
OIL AND GAS WELLS DIVISION

**RECEIVED**  
JUL 26 1985

INSPECTOR'S WELL REPORT

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Permit No. Wep-109-0982

\* measurements KR  
Coal & Water Csg

Oil or Gas Well Gas  
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Cabot Oil &amp; Gas</u>	Size			
Address <u>Charleston, WV.</u>	16	<u>30* KR CTS</u>		Kind of Packer
Farm <u>C.W. Murphy</u>	13			
Well No. <u>#C-7</u>	10			Size of
District <u>Oceana</u> County <u>Way</u>	8 1/2	<u>1654* KR CTS</u>		
Drilling commenced <u>7-17-85</u>	6 3/8			Depth set
Drilling <del>completed</del> <u>@</u> Total depth <u>1664</u>	5 3/16	<u>Sand</u>		Perf. top
Date shot _____ Depth of shot _____	3			Perf. bottom
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. bottom
Volume _____ Cu. Ft.	CASING CEMENTED <u>8 5/8</u> SIZE <u>1654*</u> No. FT. <u>7-24-85</u> Date			
Rock pressure _____ lbs. _____ hrs.	NAME OF SERVICE COMPANY <u>D/S.</u>			
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT <u>131*</u> FEET <u>60*</u> INCHES			
Fresh water <u>75'</u> feet _____ feet	<u>694*</u> FEET <u>60"</u> FEET _____ INCHES			
Salt water <u>1135'</u> feet _____ feet	_____ FEET _____ INCHES FEET _____ INCHES			

Drillers' Names Century Drig. Co. Rig #2

Remarks: used 540 Sae Rig Cmt. 2 1/2 Ca Cl.  
4 Cement Baskets used, 3 Centabizins.  
Cement plug down at 11:AM, Circulated to Surface  
Rig down. 8 hrs. w.o.c.  
7-24-85 next csg at 3185. of 4 1/2

William C. St. Clair  
DISTRICT WELL INSPECTOR

DATE



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

INSPECTOR'S PERMIT SUMMARY FORM

(7-2-85)

WELL TYPE Gas (shallow)  
ELEVATION 1637.73  
DISTRICT OCEANA  
QUADRANGLE OCEANA  
COUNTY Wyo

API# 47- 109 - 0982  
OPERATOR Cabot Oil & Gas  
TELEPHONE \_\_\_\_\_  
FARM Simmons Fork Land  
WELL # C-7

SURFACE OWNER Simmons Fork COMMENTS \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
TARGET FORMATION Wen DATE APPLICATION RECEIVED 7-2-85  
DATE STARTED \_\_\_\_\_  
LOCATION 7-11-85 NOTIFIED 7-11-85 DRILLING COMMENCED 7-19-85

WATER DEPTHS 75, SW. 1135, \_\_\_\_\_  
COAL DEPTHS 131', 694', \_\_\_\_\_

CASING  
Ran 30 feet of 16" "pipe on 7-19-85 with CTS fill up  
Ran 1650 feet of 8 5/8" "pipe on 7-24-85 with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran 3300' feet of 4 1/2" "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
TD 3308. feet on \_\_\_\_\_

DEPT. OF ENERGY  
OIL AND GAS

PLUGGING

MAY 5 1986

Type	From	To	Pipe Removed

Pit Discharge date: \_\_\_\_\_ Type KoLB FWater Reservoir  
Field analysis ph \_\_\_\_\_ fe \_\_\_\_\_ cl \_\_\_\_\_  
Well Record received \_\_\_\_\_

Date Released 5-1-86

Robert C. St. Clair  
Inspector's signature

API# 47 109 - 0982

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2	7-11-85		commence	coast Ray Resources
3				
4	7-19-85		Century Reg #2	moving on comm.
5				
6	7-24-85		Run 1650'	of 8 3/8 C+S Helibutton
7				
8	11-21-85		final	Refused
9				
10	3-12-85		final	Refused
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes

FERC-121

<p>1.0 API well number: (If not available, leave blank. 14 digits.)</p>	<p><u>47-109 - 0982</u></p>							
<p>2.0 Type of determination being sought: (Use the codes found on the front of this form.)</p>	<p><u>103</u> Section of NGPA</p>	<p><u>N/A</u> Category Code</p>						
<p>3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)</p>	<p><u>3324</u> feet</p>							
<p>4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)</p>	<p><u>Cabot Oil &amp; Gas Corporation of W.Va.</u> Name</p> <p><u>P. O. Box 628</u> Street</p> <p><u>Charleston</u> <u>WV</u> <u>25322</u> City State Zip Code</p>			<p><u>000728</u> Seller Code</p>				
<p>5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)</p>	<p><u>Oceana</u> Field Name</p> <p><u>Wyoming</u> <u>WV</u> County State</p>							
<p>(b) For OCS wells:</p>	<p><u>N/A</u></p> <p>Area Name Block Number</p> <p>Date of Lease: Mo. Day Yr. OCS Lease Number</p>							
<p>(c) Name and identification number of this well: (35 letters and digits maximum.)</p>	<p><u>C. W. Murphy C-7</u></p>							
<p>(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)</p>	<p><u>N/A</u></p>							
<p>6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)</p>	<p><u>Tennessee Gas Pipeline Company</u> Name</p>			<p><u>018629</u> Buyer Code</p>				
<p>(b) Date of the contract:</p>	<p><u>1,0,0,2,8,0</u> Mo. Day Yr.</p>							
<p>(c) Estimated annual production:</p>	<p><u>55</u> MMcf.</p>							
<p>7.0 Contract price: (As of filing date. Complete to 3 decimal places.)</p>	<p>(a) Base Price (\$/MMBTU)</p> <p>---</p>	<p>(b) Tax</p> <p>---</p>	<p>(c) All Other Prices [Indicate (+) or (-).]</p> <p>---</p>	<p>(d) Total of (a), (b) and (c)</p> <p>---</p>				
<p>8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)</p>	<p>---</p>	<p>---</p>	<p>---</p>	<p>---</p>				
<p>9.0 Person responsible for this application:</p>	<p><u>H. Baird Whitehead</u> Name</p> <p><u>Regional Manager</u> Title</p> <p><u>H. Baird Whitehead</u> Signature</p> <p><u>October 18, 1985</u> Date Application is Completed</p>			<p><u>(304) 347-1600</u> Phone Number</p>				
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Agency Use Only</td> </tr> <tr> <td style="text-align: center;">Date Received by Juris. Agency</td> </tr> <tr> <td style="text-align: center;"><b>OCT 18 1985</b></td> </tr> <tr> <td style="text-align: center;">Date Received by FERC</td> </tr> </table>	Agency Use Only	Date Received by Juris. Agency	<b>OCT 18 1985</b>	Date Received by FERC				
Agency Use Only								
Date Received by Juris. Agency								
<b>OCT 18 1985</b>								
Date Received by FERC								

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: October 18, 19 85

8150

AGENCY USE ONLY

Applicant's Name: Cabot Oil & Gas Corporation of WV

Address: P. O. Box 628  
Charleston, WV 25322

Gas Purchaser Contract No. GSC151

Date of Contract 10/2/80  
(Month, day and year)

First Purchaser: Tennessee Gas Pipeline Company

Address: P. O. Box 2511  
(Street or P.O. Box)  
Houston, TX 77001  
(City) (State) (Zip Code)

FERC Seller Code 000728

WELL DETERMINATION FILE NUMBER  
851018-1030-109-0982  
Use Above File Number on all  
Communications Relating to This Well

Designated Agent: H. Baird Whitehead

Address: P. O. Box 628  
Charleston, WV 25322

FERC Buyer Code 018629

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL BE ADDRESSED:

Name: Ed Hindman Regulatory Assistant  
(Print) (Title)

Signature: Ed Hindman

Address: P. O. Box 628  
(Street or P.O. Box)  
Charleston WV 25322  
(City) (State) (Zip Code)

Telephone: 304 347-1600  
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

Copy sent to Purchaser by Certified Mail P532 407 754 on October 18, 1985  
NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
  - 102-2 2.5 Mile Test
  - 102-3 1000 Foot Deeper Test
  - 102-4 New Onshore Reservoir
- 103 New Onshore Production Well
  - 103 New Onshore Production Well
- 107 High Cost Natural Gas
  - 107-0 Deep (more than 15,000 feet)
  - 107-1 Geopressured Brine
  - 107-2 Coal Seams
  - 107-3 Devonian Shale
  - 107-5 Production enhancement
  - 107-6 New Tight Formation
  - 107-7 Recompletion Tight Formation

- 108 Stripper Well Natural Gas
  - 108- Stripper Well
  - 108-1 Seasonally Affected
  - 108-2 Enhanced Recovery
  - 108-3 Temporary Pressure Buildup

AGENCY USE ONLY

6  
**QUALIFIED**

RECEIVED  
OCT 18 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Date Received

Determination Date

Date October 18, 19 85

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

Operator's Well No. C. W. Murphy C-7

API Well No. 47 - 109 - 0982  
State County Permit

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT <u>H. Baird Whitehead</u>	WELL OPERATOR <u>Cabot Oil &amp; Gas Corp of WV</u>
ADDRESS <u>P. O. Box 628</u>	ADDRESS <u>P. O. Box 628</u>
<u>Charleston, WV 25322</u>	<u>Charleston, WV 25322</u>
LOCATION: Elevation <u>1639.72'</u>	LOCATION: Elevation <u>1639.72'</u>
Watershed <u>Simmons Fork of Clear Fork</u>	Watershed <u>Simmons Fork of Clear Fork</u>
Dist. <u>Oceana</u> County <u>Wyoming</u> Quad. <u>Matheny</u>	Dist. <u>Oceana</u> County <u>Wyoming</u> Quad. <u>Matheny</u>
Gas Purchase Contract No. <u>GSC151</u>	GAS PURCHASER <u>Tennessee Gas Pipeline Co.</u>
Meter Chart Code <u>N/A</u>	ADDRESS <u>P. O. Box 2511</u>
Date of Contract <u>10/2/80</u>	<u>Houston, TX 77001</u>

\* \* \* \* \*

Date surface drilling was begun: July 20, 1985

Indicate the bottom hole pressure of the well and explain how this was calculated:

BHP = $P_1 + P_1(eGL/53.34T_1)$	BL-W/Rvc1 $P_1 = 650/510$ PSIA	BL-W/Rvc1 BHP = 695/531 PSIA
	$T = 89/77$	
	$G = .64/.65$	
	$L = 2989/1780$	

AFFIDAVIT

I, H. Baird Whitehead, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

H. Baird Whitehead

STATE OF WEST VIRGINIA,  
COUNTY OF Kanawha, TO WIT:

I, Lorene Miller, a Notary Public in and for the state and county aforesaid, do certify that H. Baird Whitehead whose name is signed to the writing above, bearing date the 18th day of October, 19 85, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 18th day of October, 19 85.

My term of office expires on the 5th day of March, 19 89.

[NOTARIAL SEAL]

Lorene Miller  
Notary Public

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1.0 API well number: (If not available, leave blank. 14 digits.)	47-109 - 0982			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107TS Big Lime, Rvc1. Weir Section of NGPA		DIVISION OF OIL & GAS DEPARTMENT OF ENERGY Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	3324 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Cabot Oil & Gas Corporation of W.Va. Name P. O. Box 628 Street Charleston City		WV	000728 Seller Code 25322 Zip Code
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Oceana Field Name Wyoming County		WV	State
(b) For OCS wells:	N/A Area Name Block Number Date of Lease: Mo. Day Yr. OCS Lease Number			
(c) Name and identification number of this well: (35 letters and digits maximum.)	C. W. Murphy C-7			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	N/A			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Tennessee Gas Pipeline Co. Name		018629 Buyer Code	
(b) Date of the contract:	1 0 0 2 8 0 Mo. Day Yr.			
(c) Estimated annual production:	55 MMcf.			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	---	---	---	---
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	---	---	---	---
9.0 Person responsible for this application:	H. Baird Whitehead Name Regional Manager Drilling & Production Title			
Agency Use Only	Signature <i>H. Baird Whitehead</i>			
Date Received by Juris. Agency	October 18, 1985 Date Application is Completed			
Date Received by FERC	(304) 347-1600 Phone Number			

**U.S. DEPARTMENT OF ENERGY**  
Federal Energy Regulatory Commission  
Washington, D.C. 20426

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**  
(Sections 102, 103, 107 and 108)

**PLEASE READ BEFORE COMPLETING THIS FORM:**

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 270.103. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102 ✓	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	-	New onshore production well
107 ✓	-	High cost natural gas
108 ✓	-	Stripper well

Other Purchasers/Contracts:

<u>Contract Date</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
	N/A	
_____	_____	_____
_____	_____	_____
_____	_____	_____

Remarks:

OCT 18 1982



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

NOV 15 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: October 18, 19 85

8150

AGENCY USE ONLY

Applicant's Name: Cabot Oil & Gas Corporation of WV

Address: P. O. Box 628  
Charleston, WV 25322

Gas Purchaser Contract No. GSC151

Date of Contract 10/2/80  
(Month, day and year)

P627

First Purchaser: Tennessee Gas Pipeline Company

Address: P. O. Box 2511  
(Street or P.O. Box)  
Houston, TX 77001  
(City) (State) (Zip Code)

FERC Seller Code 000728

WELL DETERMINATION FILE NUMBER  
851018 - 1076 - 109 - 0982  
Use Above File Number on all  
Communications Relating to This Well

Designated Agent: H. Baird Whitehead

Address: P. O. Box 628  
Charleston, WV 25322

FERC Buyer Code 018629

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL BE ADDRESSED:

Name: Ed Hindman (Print) Regulatory Assistant (Title)

Signature: Ed Hindman

Address: P. O. Box 628  
(Street or P.O. Box)  
Charleston WV 25322  
(City) (State) (Zip Code)

Telephone: (304) 347-1600  
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

Copy sent to Purchaser by Certified Mail P532 407 754 on October 18, 1985  
NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
  - 102-2 2.5 Mile Test
  - 102-3 1000 Foot Deeper Test
  - 102-4 New Onshore Reservoir
- 103 New Onshore Production Well
  - 103 New Onshore Production Well
- 107 High Cost Natural Gas
  - 107-0 Deep (more than 15,000 feet)
  - 107-1 Geopressured Brine
  - 107-2 Coal Seams
  - 107-3 Devonian Shale
  - 107-5 Production enhancement
  - X 107-6 New Tight Formation BL, Weir, Rvcl.
  - 107-7 Recompletion Tight Formation

- 108 Stripper Well Natural Gas
  - 108- Stripper Well
  - 108-1 Seasonally Affected
  - 108-2 Enhanced Recovery
  - 108-3 Temporary Pressure Buildup

AGENCY USE ONLY

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DEPARTMENT OF ENERGY

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Determination Date

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

Date October 18, 1985

Operator's Well No. C. W. Murphy C-7

API Well No. 47 - 109 - 0982  
State County Permit

WELL CLASSIFICATION FORM  
HIGH COST GAS WELL—NEW TIGHT FORMATION

NGPA Section 107

DESIGNATED AGENT H. Baird Whitehead  
ADDRESS P. O. Box 628  
Charleston, WV 25322

WELL OPERATOR Cabot Oil and Gas Corp. of W.Va. LOCATION Elevation 1639.72'  
ADDRESS P. O. Box 628 Watershed Simmons Fork of Clear Fork  
Charleston, WV 25322 Dist. Oceana County Wyoming Quad Matheny

GAS PURCHASER Tennessee Gas Pipeline Co. Gas Purchase Contract No. GSC151  
ADDRESS P. O. Box 2511 Meter Chart Code N/A  
Houston, TX 77001 Date of Contract 10/2/80

\* \* \* \* \*

Date surface drilling began: 7/20/85

Indicate the bottom hole pressure of the well and explain how this was calculated.

BHP =  $P_1 + P_1(eGL/53.34T_1)$  BL-W/RVCT PSIA BHP = BL-W/RVCT PSIA  
P<sub>1</sub> = 650/510 PSIA  
T = 89/77  
G = .64/.65  
L = 2989/1780

AFFIDAVIT

I, Paul L. Gebhard, having been first sworn according to law, state that, surface drilling of the well for which this determination is sought was begun on or after July 16, 1979, the gas is being produced from a designated tight formation and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high cost natural gas well.

Paul L. Gebhard

STATE OF WEST VIRGINIA.

COUNTY OF Kanawha, TO WIT:

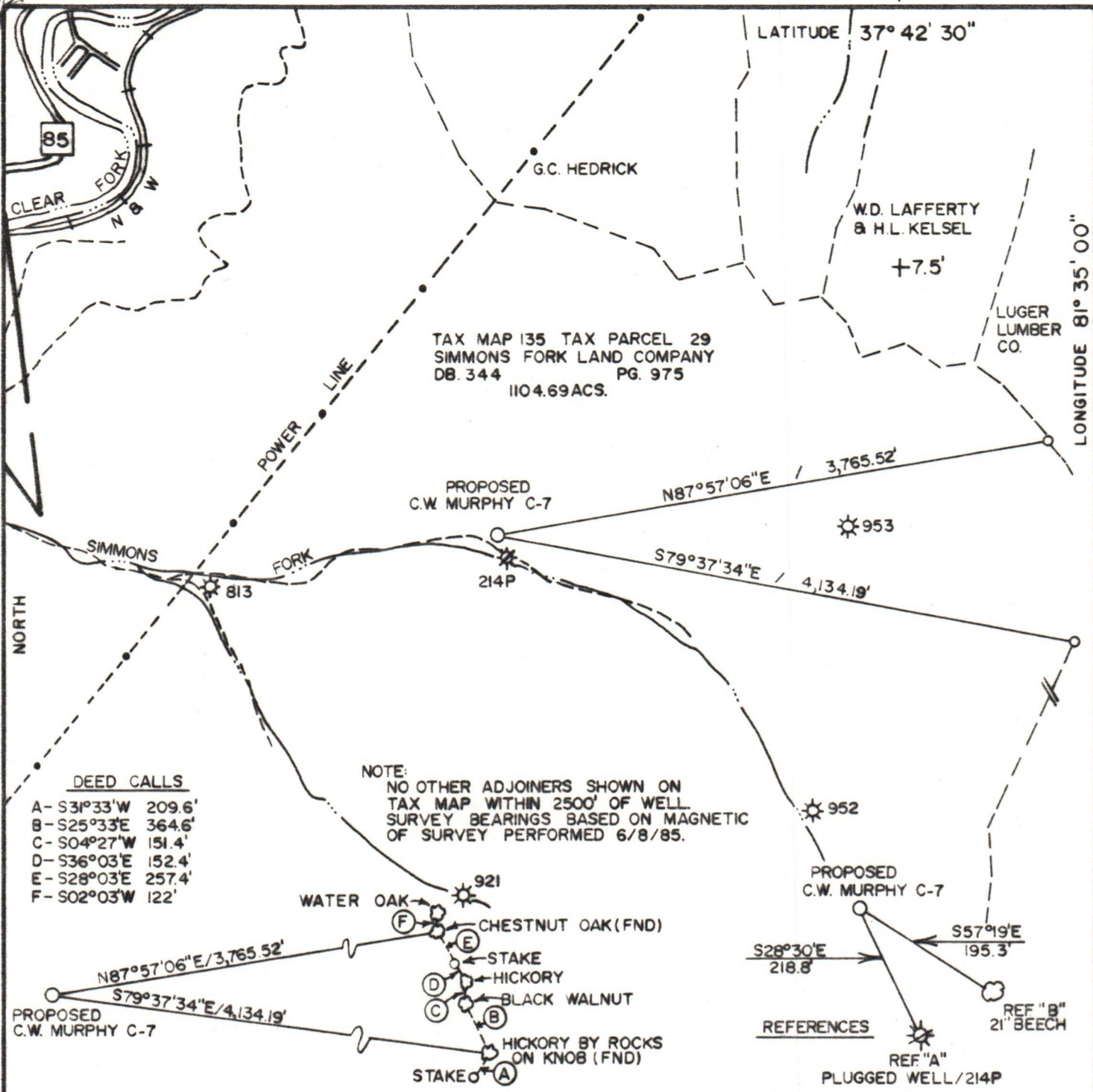
I, Lorene Miller, a Notary Public in and for the state and county aforesaid, do certify that Paul L. Gebhard, whose name is signed to the writing above, bearing date the 18th day of October, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 18th day of October, 1985.

My term of office expires on the 5th day of March, 1989.

Lorene Miller  
Notary Public

[NOTARIAL SEAL]



FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY 1:2500  
PROVEN SOURCE OF ELEVATION EXISTING C.W. MURPHY C 5  
WELL NO. 953 ELEV. 2024.17'

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) Frederick A. Kolb  
R.P.E. 6999 L.L.S. \_\_\_\_\_

PLACE SEAL HERE

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



DATE JUNE 8 1985  
OPERATOR'S WELL NO. C.W. MURPHY C-7  
API WELL NO. 47-109-0982  
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 1639.73' WATER SHED SIMMONS FORK OF CLEAR FORK  
DISTRICT OCEANA COUNTY WYOMING  
QUADRANGLE MATHENY  
SURFACE OWNER SIMMONS FORK LAND COMPANY ACREAGE 1104.69 ACS.  
OIL & GAS ROYALTY OWNER SIMMONS FORK LAND COMPANY LEASE ACREAGE 1116 AC.  
LEASE NO. 47-0471  
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 WEIR ESTIMATED DEPTH 3300'  
WELL OPERATOR Cabot Oil & Gas Corp. DESIGNATED AGENT David G. McCluskey  
ADDRESS P.O. Box 628 ADDRESS P.O. Box 628  
Charleston, W.V. 25322 Charleston, W.V. 25322

