

FILE COPY  
**RECEIVED**



1) Date: \_\_\_\_\_  
2) Operator's Well No. C.W. Murphy C-5  
3) API Well No. 47 - 109 - 0953  
State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

JAN 10 1985

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: 2024.7' Watershed: Simmons Fork of Clear Creek  
District: Oceana County: Wyoming Quadrangle: Matheny 7 1/2
- 6) WELL OPERATOR Cabot Oil & Gas Corp. of WV 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 732-6227
- 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, Ravencliff, Big Lime, Weir
- 12) Estimated depth of completed well, 3685 feet
- 13) Approximate strata depths: Fresh, 120, 495 feet; salt, 1550 feet.
- 14) Approximate coal seam depths: 516 and 1084 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 CTS	
Fresh water						1115	1115	CTS NEAT	
Coal	8-5/8"		24	X		2030'	2030'	525 sks. Neat CTS	
Intermediate									
Production	4-1/2"		10.5	X		3685'	3685'	350 sks. or as req. by Rule 15.01	Depths set
Tubing									Perforations:
Liners									Top Bottom

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-109-0953 Date January 11, 19 85

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. 9) 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 January 11, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>30</u>	Agent: <u>MH</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>0.16 450</u>
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Margaret J. Wass  
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









DATE December 26, 1984  
 WELL NO. C. W. Murphy C-5  
 API NO. 47 - 109 - 0953

State of West Virginia  
 Department of Mines  
 Oil and Gas Division

Construction and Reclamation Plan

COMPANY NAME Cabot Oil & Gas Corporation of WV DESIGNATED AGENT David McCluskey  
 ADDRESS P.O. Box 628, Chas. WV 25322 ADDRESS P.O. Box 628 Chas. WV 25322  
 TELEPHONE 304-347-1600 TELEPHONE 304-347-1600  
 LANDOWNER Simmons Fork Land Co. SOIL CONS. DISTRICT Southern

Revegetation to be carried out by Southern Company Contractor (Agent)

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

1-4-85 (Date)  
Gary W. Boschain (SCD Agent)

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

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JAN 10 1985  
 OIL & GAS DIV.  
 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.

TREATMENT AREA I		TREATMENT AREA II	
Lime <u>3</u> Tons/acre	Lime <u>3</u> Tons/acre	or correct to pH <u>6.5</u>	or correct to pH <u>6.5</u>
Fertilizer <u>500</u> lbs/acre	Fertilizer <u>500</u> lbs/acre	(10-20-20 or equivalent)	(10-20-20 or equivalent)
Mulch <u>Hay or Straw @ 1 1/2</u> Tons/acre	Mulch <u>Hay or Straw @ 1 1/2</u> Tons/acre	Seed* <u>Ky 31 Tall Fescue</u> 40 lbs/acre	Seed* <u>Ky 31 Tall Fescue</u> 40 lbs/acre
Seed* <u>Ky 31 Tall Fescue</u> 40 lbs/acre	Seed* <u>Ky 31 Tall Fescue</u> 40 lbs/acre	<u>Redtop</u> 5 lbs/acre	<u>Redtop</u> 5 lbs/acre
<u>Redtop</u> 5 lbs/acre	<u>Redtop</u> 5 lbs/acre		

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


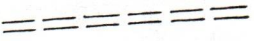
PLAN PREPARED BY David M. McCluskey  
 Cabot Oil and Gas Corporation

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

ADDRESS P.O. Box 628  
Charleston, WV 25322  
 PHONE NO. (304) 347-1600



ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Matheny






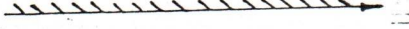

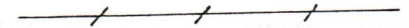










LEGEND  
WELL SITE   
ACCESS ROAD 

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



5/11/12

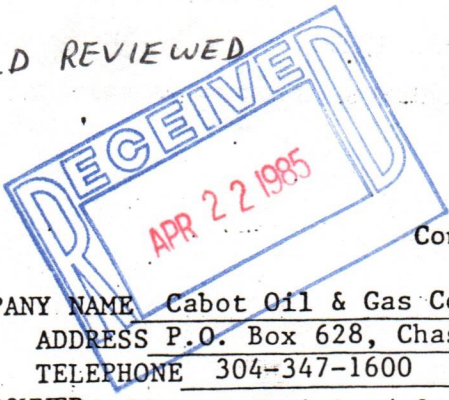
EXISTING L  
CONSTRUCT  
APPROVED  
CABOT OIL &

CABO





FIELD REVIEWED



State of West Virginia  
Department of Mines  
Oil and Gas Division

Revised

Construction and Reclamation Plan

COMPANY NAME Cabot Oil & Gas Corporation of WV DESIGNATED AGENT David McCluskey  
ADDRESS P.O. Box 628, Chas. WV 25322 ADDRESS P.O. Box 628 Chas. WV 25322  
TELEPHONE 304-347-1600 TELEPHONE 304-347-1600  
LANDOWNER Simmons Fork Land Co. 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.

4-19-85

(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 \_\_\_\_\_ (1)  
MATERIAL \_\_\_\_\_  
PAGE REF. MANUAL \_\_\_\_\_  
OIL & GAS DIVISION  
DEPT. OF MINES  
MAY 03 1985

STRUCTURE Culverts (B)  
SPACING Per Plan  
PAGE REF. MANUAL 2:7, 2:8, 2:9

STRUCTURE Diversion Ditch (2)  
MATERIAL Soil  
PAGE REF. MANUAL 2:12, 2:13

STRUCTURE \_\_\_\_\_ (C)  
SPACING \_\_\_\_\_  
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	TREATMENT AREA II	
Lime	<u>3</u>	Tons/acre	Lime	<u>3</u>
	or correct to pH <u>6.5</u>			or correct to pH <u>6.5</u>
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	(10-20-20 or equivalent)			(10-20-20 or equivalent)
Mulch	<u>Hay or Straw @ 1 1/2</u>	Tons/acre	Mulch	<u>Hay or Straw @ 1 1/2</u>
Seed*	<u>Ky 31 Tall Fescue</u>	40 lbs/acre	Seed*	<u>Ky 31 Tall Fescue</u>
	<u>Redtop</u>	5 lbs/acre		<u>Redtop</u>
		lbs/acre		lbs/acre

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


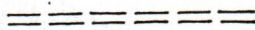
PLAN PREPARED BY Russell S. Perkins  
Cabot Oil and Gas Corporation of WV

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



LEGEND

WELL SITE   
ACCESS ROAD 


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


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 


PROPOSED ROAD 


PROPERTY BOUNDARY 


EXISTING FENCE 


STREAM 

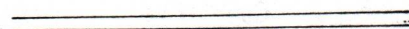
WET SPOT 


DRAIN PIPE 


WATERWAY 


RIP RAP 


DRILLING PIT 


EXISTING ROAD 


DIVERSION 


PROPOSED FENCE 

SPRING 

OPEN DITCH 

BUILDING 

CULVERT 

SLOPE OF LAND 

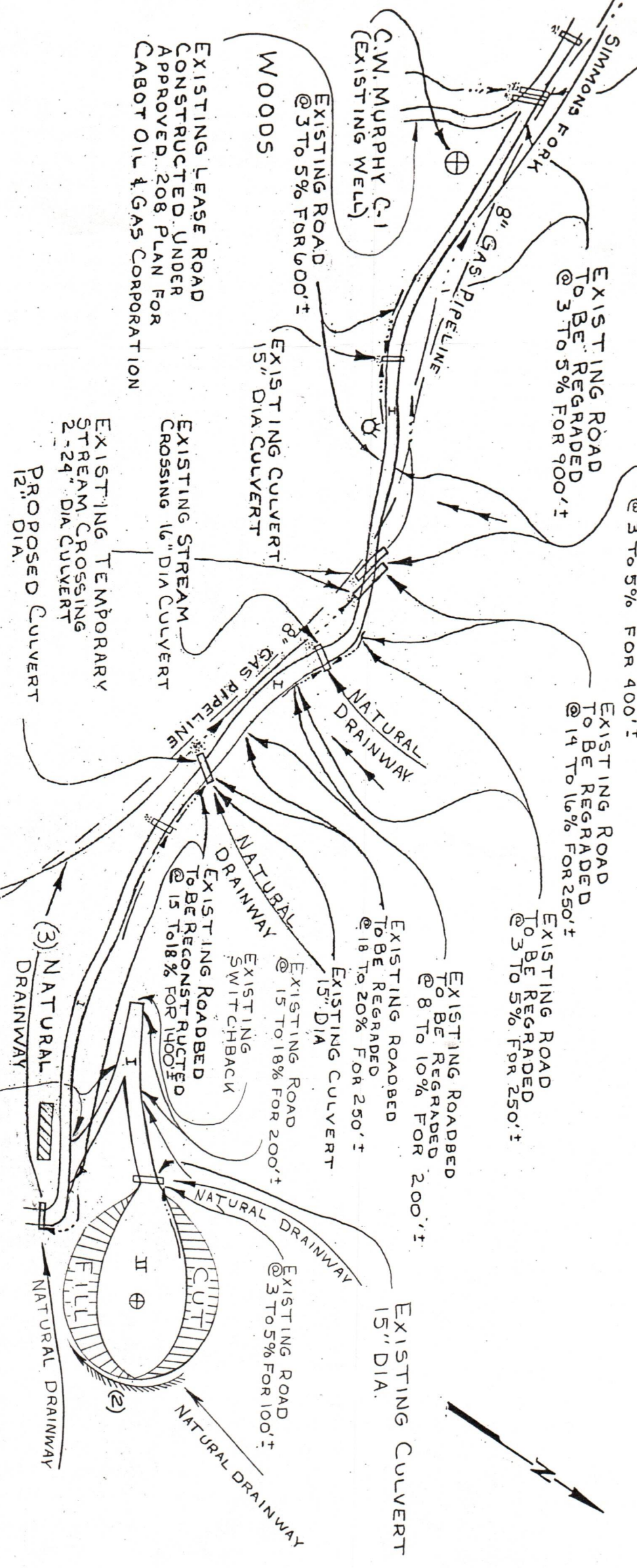
SKETCH ATTACHED

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

Existing roadbed to site to be reconstructed, ditches pulled and drains installed where required by field conditions.

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.





**CABOT OIL & GAS CORPORATION  
OF WEST VIRGINIA**

C.W. Murphy C-5

**KOLB ENTERPRISES Ltd.**  
CHARLESTON, W. VA.

AREA I = 5 ACRE ±  
AREA II = 1 ACRE ±

EXISTING ROAD  
MIN 15" DIA  
EXISTING CULVERT







1) Date: January 9, 1985  
 2) Operator's Well No. C.W. Murphy C-5  
 3) API Well No. 47-109-0953  
 State County Permit

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

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

(i) Name Simmons Fork Land Co.  
 Address Attn: Mr. Alexander Smith, President  
P.O. Box 356  
 (ii) Name ~~XXXXX~~ Peterstown, WV 24963  
 Address \_\_\_\_\_  
 (iii) Name \_\_\_\_\_  
 Address \_\_\_\_\_

5(i) COAL OPERATOR Not Operated  
 Address \_\_\_\_\_  
 5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Name Simmons Fork Land Co.  
 Address Attn: Mr. Alexander Smith  
P.O. Box 356  
~~Name~~ Peterstown, WV 24963  
 Address \_\_\_\_\_  
 5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_

RECEIPT FOR CERTIFIED MAIL  
 NO INSURANCE COVERAGE PROVIDED  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

Simmons Fork Land Company  
 Attn: Mr. Alexander Smith

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 60  
 Return receipt showing to whom, Date, and Address of Delivery \_\_\_\_\_  
 TOTAL Postage and Fees \$ \_\_\_\_\_  
 Postmark or Date \_\_\_\_\_

PS Form 3800, Feb. 1982  
 1982-47-RS-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.)

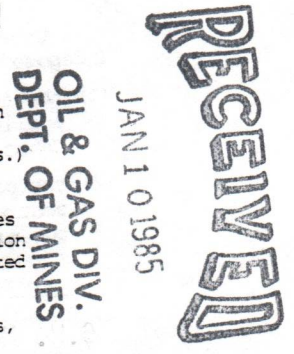
7) ROYALTY PROVISIONS  
 Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No 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  
David G. McCluskey  
 this 9 day of January, 1985.  
 My commission expires March 5, 1989.  
Rorene Miller  
 Notary Public, Kanawha County,  
 State of West Virginia

WELL OPERATOR CABOT OIL & GAS CORP. OF WV  
 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)

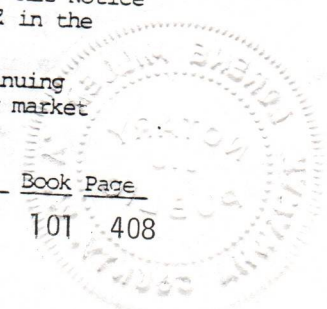
Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (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</u>	<u>Page</u>
C.W. Murphy, et al	Godfrey L. Cabot (COGC of WV)	12.5%	101	408

CURRENT ROYALTY OWNER

Simmons Fork Land Co.







1) Date: \_\_\_\_\_  
 2) Operator's Well No. C.W. Murphy C-4  
 3) API Well No. 47 State            County            Permit           

JAN 11 1985

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: 2012.3' Watershed: Simmons Fork of Clear Fork  
 District: Oceana County: Wyoming Quadrange: Matheny 71  
 6) WELL OPERATOR Cabot Oil & Gas Corp. of WV 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 Name Arthur St. Clair  
 Address P.O. Box 468  
Brenton, WV 24813 732-6227  
 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) Ravencleft, Big Line, Weir  
 11) GEOLOGICAL TARGET FORMATION, 3710 feet  
 12) Estimated depth of completed well, 135, 520 feet; salt, 1580 feet.  
 13) Approximate strata depths: Fresh, 504, 1072 Is coal being mined in the area? Yes \_\_\_\_\_ No \_\_\_\_\_  
 14) Approximate coal seam depths: \_\_\_\_\_

RECEIVED  
 JAN 11 1985  
 OIL & GAS DIV.  
 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	18"		65	X		30'	30'	10 sks. Near	Kinds
Fresh water						2060'	2060'	330 sks. Near	Sizes
Coal	8-5/8"		24	X					
Intermediate						3710'	3710'	330 sks. or	Depths set
Production	4-1/2"		10.5	X				req. by Rule	15 ft
Tubing									Perforations:
Liners									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.

Simmons Fork Land Company  
 By Alexander M. Smith  
 Its President

Date: January 10, 19 85





2) Operator's Well No. C.H. Murphy  
3) API Well No. 47 State County

JAN 11 1985

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 2012.3')  
Underground storage  Deep Simmons Fork of Clear Fork Shallow   
Watershed: Myerling County: Wayne Quadrange: Matheny 72
- 5) LOCATION: Elevation: Oceana  
District: Cabot Oil & Gas Corp. of WV  
Address: P.O. Box 628  
Charleston, WV 25322
- 6) WELL OPERATOR: Cabot Oil & Gas Corp. of WV  
Address: P.O. Box 628  
Charleston, WV 25322
- 7) DESIGNATED AGENT: David G. McCluskey  
Address: P.O. Box 628  
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OIL & GAS DIV.  
DEPT. OF MINES  
JAN 11 1985

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKED
	Size	Grade	Weight per ft.	New	Used	For drilling		
Conductor	16"		65	X		30'	30'	10 SKS. NEUL. CTS
Fresh water			24	X		2000'	2050'	300 SKS. NEUL. CTS
Coal	3-5/8"		10.5	X		3710'	3710'	300 SKS. OF 45 req. by Rule 15.01
Intermediate Production Tubing	4-1/2"							
Liners								

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 the 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) 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. 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 on these materials.

(For execution by corporation, partnership, etc.)

NAME: Simmons Fork Land Company  
By: Alexander M. Smith  
Its: President Date: 1/10/85

(For execution by natural persons)

\_\_\_\_\_  
(Signature)  
\_\_\_\_\_  
(Signature)



**RECEIVED**  
MAY 20 1985

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

State of West Virginia

Department of Mines  
Oil and Gas Division

Date May 15, 1985  
Operator's Well No. C-5  
Farm C.W. Murphy  
API No. 47 - 109 - 0953

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

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

LOCATION: Elevation: 2024 GL Watershed Simmons Fork of Clear Creek  
District: Oceana County Wyoming Quadrangle Matheny

COMPANY Cabot Oil & Gas Corporation of WV  
ADDRESS P.O. Box 628, Charleston, WV 25322  
DESIGNATED AGENT David G. McCluskey  
ADDRESS P.O. Box 628, Charleston, WV 25322  
Simmons Fork Land Co.  
SURFACE OWNER Attn: Alexander Smith, President  
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 January 11, 1985  
DRILLING COMMENCED 3/15/85  
DRILLING COMPLETED 3/22/85  
IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON     

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.	47'	47'	10 sks.
13-10"			
9 5/8			
8 5/8	2024.50'	2024.50'	571 sks.
7			
5 1/2			
4 1/2	3666'	3666'	225 sks.
3			
x21-1/2	3559'	3559'	
Liners used			

GEOLOGICAL TARGET FORMATION Ravencliff, Big Lime, Weir Rv. 2145-2190, Weir 3590-3615  
Depth BL 3065-3390 feet  
Depth of completed well 3685 feet Rotary X / Cable Tools       
Water strata depth: Fresh 47 feet; Salt N/A feet  
Coal seam depths: 1072-1074, 508-510' Is coal being mined in the area? No

OPEN FLOW DATA  
Producing formation Weir & Big Lime Weir 3590-3598'  
Pay zone depth BL 3094-3344 feet  
Gas: Initial open flow -- Mcf/d Oil: Initial open flow      Bbl/d  
4 hr. Final open flow 984 Mcf/d Final open flow      Bbl/d  
Time of open flow between initial and final tests -- hours  
Static rock pressure 740 psig (surface measurement) after -- hours shut in  
(If applicable due to multiple completion--)  
Second producing formation Ravencliff Pay zone depth 2156-2188 feet  
Gas: Initial open flow -- Mcf/d Oil: Initial open flow      Bbl/d  
4 hr. Final open flow 1,000 Mcf/d Oil: Final open flow      Bbl/d  
Time of open flow between initial and final tests -- hours  
Static rock pressure 465 psig (surface measurement) after -- hours shut in



**DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.**  
 Perf Weir form 3590-3598' (10 holes). Dumped 250 gals. 15% HCL & breakdown perfs w/N<sub>2</sub>.  
 Breakdown 1300 psi. ISIP after break 1100 psi. Max concentration 1.5# per gal. AIR 4 BPM, 18,000  
 Scf/min. ATP 2050 psi, max 2100 psi. T/F 189 bbls, S/L 150 bbls. Total N<sub>2</sub> 642,000 Scf. ISIP 1900  
 psi, 5 min 1300 psi, 10 min 1300 psi, 15 min 1250 psi. Perf Big Lime from 3094-3344 (15 holes)  
 Pump 500 gals. 15% HCL w/frac ball & breakdown perfs. Breakdown 1250 psi. ISIP after break 600  
 psi. Treated w/10,000 gals gelled acid. AIR 4 BPM, 1000 Scf/min assist. ATP 1300 psi, max 1900  
 psi. T/F 252 bbls. Total N<sub>2</sub> 120,000 Scf. ISIP 1500 psi, 5 min 1400 psi, 10 min 1400 psi, 15 min  
 1350 psi. Ravencliff perf from 2156' to 2188', (12 holes). Set Arrow drill packer @ 2250' K.B.  
 Dump 250 gal 15% HCL & breakdown perfs with N<sub>2</sub>, breakdown pressure 2600 psi. ISIP after break  
 2600 psi. Max sand concentration 2#/gal. AIR 4.4 BPM, 10,800 Scf/min. N<sub>2</sub>. ATP 2975 psi, Max  
 3200 psi. T/F 317 bbls, S/L 232 bbls. Total N<sub>2</sub> 720,000 Scf. ISIP 3000 psi, 5 min 2750 psi,  
 10 min 2700 psi, 15 min 2600 psi. after 3 hrs. shut in.

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			0	65	H <sub>2</sub> O @ 47'
Shale			65	120	
Sand			120	190	
Shale			190	275	
Sand			275	320	
Shale			320	350	
Sand			350	560	Coal 508-510'
Shale			560	625	
Sand			625	670	
Shale			670	710	
Sand			710	784	
Shale			784	800	
Sand			800	855	
Sandy Shale			855	982	
Sand			982	1220	Coal 1072-1074
Shaley Sand			1220	1285	
Sand			1285	1460	
Shale			1460	1505	
Shaley Sand			1505	1840	
Sand			1840	1970	
Shale			1970	2020	
Sand			2020	2070	
Shaley Sand			2070	2125	
Shale	Grey	Soft	2125	2145	
Ravencliff	White	Hard	2145	2190	
Avis Lime	Grey	Hard	2190	2230	
Shale	Grey/Red	Soft	2230	2270	Gas ck. @ 2264' NSR
U. Maxton	Grey/White	Hard	2270	2320	
Sandy Shale	Red/Grey	Soft	2320	2835	Gas ck. @ 2796' - 103 M (Prob. Rv.gas)
Shale	Grey	Soft	2835	2890	
L. Lime	Grey	Hard	2890	3050	
Shale	Grey	Medium	3050	3065	
Big Lime	White/Tan	Hard	3065	3390	Gas ck. @ 3075' - 103 M Gas ck. @ 3203' - 133 M
Shale	Red		3390	3480	Gas ck. @ 3298' - 198 M
Shale	Grey		3480	3590	Gas ck. @ 3546' - 198 M
Weir Sand	Grey		3590	3615	
Shale	Grey		3615	T.D.	Gas ck. @ T.D. 140 M

DTD - 3703'  
LTD - 3685'

(Attach separate sheets as necessary)

CABOT OIL & GAS CORPORATION OF WEST VIRGINIA

Well Operator

By:

*David G. McKinley*

Date:

May 15, 1985

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



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

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OIL & GAS DIVISION

DEPT. OF MINES

INSPECTOR'S WELL REPORT

Wyo-109-0953  
Permit No.

Oil or Gas Well  
(KIND)

Gas

Company Cabot Oil & Gas  
 Address Charleston, W.V.  
 Farm Murphy  
 Well No. C-5  
 District Ocean County Wyo  
 Drilling commenced 3-12-85  
 Drilling ~~completed~~ 2040 Total depth 2040  
 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 32' - 47' feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16	30'	-CTS	Kind of Packer
13			
10			Size of
8 1/4	8 1/4" 2040'	-CTS (Leaktin)	
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 NAME OF SERVICE COMPANY \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT 40' FEET 18" INCHES  
5/6' FEET 24" INCHES 1072' FEET 74" INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names Century Dry. Rig 2

Remarks: under violation, pollution  
well use 571 504 nest Cement 3 cement bags  
2 cut Bits at 1,000' & 90' guide shoe 9 in  
cannot wait on csq as have appoint to meet R. Pellion  
preparing to trip out this time 12:15 P.M.

3-12-85 procedure poor

DATE

Arthur C. St. James  
DISTRICT WELL INSPECTOR







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

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MAR 12 1985

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

Wyo. 109-0953

Permit No. \_\_\_\_\_

*New Const*

Oil or Gas Well  
(KIND)

*Gas*

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<i>Cobot. Oil &amp; Gas</i>	Size			
<i>Charleston W.V.</i>	16			Kind of Packer _____
<i>G.W. Murphy</i>	13			
<i># C-5</i>	10			Size of _____
<i>Ocean County Wyo.</i>	8 1/4			
<i>New Const</i>	6 3/4			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 *Dale Bros - Excavating Contractors*

Remarks: *Cobot. will file for Revised Permit on this location as stake was moved 40' or 50' at location this stake will have to put disposal pit below location to put disposal pit below location*  
*Should move entry permit 3-7-85*  
*in this P.M. or tomorrow*

*Dale C. Sp. Day 509*  
DISTRICT WELL INSPECTOR







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OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 189-0953

Oil or Gas Well Gas  
(KIND)

Completion Drg.

Company Copot. Oil & Gas of WV.  
Address Charleston, WV.  
Farm Murphy  
Well No. #5  
District Ocean County Wayne  
Drilling commenced 3-12-85  
3-21-85  
Drilling completed @ Total depth 3703  
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 32'-120' feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16	39'	CTS	Kind of Packer _____
13			
10			Size of _____
8 1/4	85 1/8	2040 CTS	
6 5/8			Depth set _____
5 3/16			
3	4 1/2		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 42' FEET 18" INCHES  
508' FEET 20 1/2" INCHES 1076' FEET 74" INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names Century Drg Co. Rig #2

Remarks: Well has not corrected pollution problem still under violation. Rig is rigging down at this date. 2 more days abatement time on violation

3-22-85  
DATE

William C. St. Clair 5091  
DISTRICT WELL INSPECTOR

3-26-85  
DATE  
more abatement for failure to abate notices under violation

William C. St. Clair 5091  
DISTRICT WELL INSPECTOR







*Cobot not used*

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

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

Wyo. 109-8953  
Permit No.

Oil or Gas Well  
(KIND)

*Gas*

*Final Release*

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<i>Cobot Oil &amp; Gas Well</i>	Size			
<i>Charleston WV.</i>	16			Kind of Packer
<i>Murphy #5</i>	13			
<i>#5</i>	10			Size of
<i>Oceana County Wyo</i>	8 1/4			
<i>3-12-85</i>	6 5/8			Depth set
<i>3685</i>	5 3/16			
<i>Water</i>	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			
	FEEET	INCHES	FEEET	INCHES
	FEEET	INCHES	FEEET	INCHES
	FEEET	INCHES	FEEET	INCHES

Drillers' Names *Century Drilling Co. Proj # 2*

Remarks: *Final Dispc. Release.  
Access Road in violated condition -  
Sedimentation. Draining Cobot  
no work can move on Reclamation.*

*6-21-85*  
DATE *Final Release*

*[Signature]*  
DISTRICT WELL INSPECTOR







APR 3 - 1985

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT

Wyo 109-0953  
Permit No.

Status - progress (violation)

Oil or Gas Well (KIND)

Company Cobot Oil & Gas  
Address Charleston, WV.  
Farm CW Murph.  
Well No. C-5  
District Oceana County Wyoming  
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	
Size			
16			Kind of P
13			
10			Size of
8 1/4			
6 5/8			Depth set.
5 3/16			
3			Perf. top
2			Perf. botto
Liners Used			Perf. top
			Perf. botto

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

Drillers' Names Century Dring Co. Rig #2

Remarks: found work has been performed on violation, but not completed, probably waiting for weather to backfill pit areas. Cannot give abatement this late

4-1-85  
DATE

Arthur C. St. John  
DISTRICT WELL







IR-21

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

REC'D  
20 S. 811 43

WYO-109-0952 #4  
INSPECTOR'S WELL REPORT

Permit No. WYO-109-0952 #4

Final Released

Oil or Gas Well (KIND) Gas

Company	Address	Farm	Well No.	District	County	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
																Size			Kind of Packer
Cabot Oil & Gas Co.	Charleston, W.V.	Murphy	C-45 C-5	Oleana	Wyoming											16			
																13			
																10			Size of
																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			
																FEEET	INCHES	FEEET	INCHES
																FEEET	INCHES	FEEET	INCHES
																FEEET	INCHES	FEEET	INCHES

Drillers' Names Dale Bros - Reclamation

Remarks: Cannot pass this rods or locations. Grass has not started to grow. will expect a late date  
9-18-85

District Well Inspector



J  
IR-26  
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

(1-11-85)

WELL TYPE Gas  
ELEVATION 2024  
DISTRICT OCEANA  
QUADRANGLE OCEANA  
COUNTY Wyoming

API# 47-109-0953  
OPERATOR Cabot Oils Gas  
TELEPHONE \_\_\_\_\_  
FARM Simon Fork Land  
WELL # C-5

SURFACE OWNER Simon Fork COMMENTS \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
TARGET FORMATION B-Line DATE APPLICATION RECEIVED 1-11-85  
DATE STARTED \_\_\_\_\_  
LOCATION 1-26-85 NOTIFIED 1-26-85 DRILLING COMMENCED 3-11-85

WATER DEPTHS 120', 495', \_\_\_\_\_, \_\_\_\_\_  
COAL DEPTHS 516', 508', 3065', \_\_\_\_\_

CASING

Ran 30 feet of 16" pipe on 3-11-85 with CXS fill up  
Ran 2030 feet of 8 5/8" pipe on 3-18-85 with C+S fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up

DEPARTMENT OF ENERGY  
OIL AND GAS

TD 3703 feet on 3-22-85

PLUGGING

MAY 5 1986

Type	From	To	Pipe Removed

Pit Discharge date: \_\_\_\_\_ Type KOLB / Water Resources  
Field analysis \_\_\_\_\_ ph \_\_\_\_\_ fe \_\_\_\_\_ cl \_\_\_\_\_  
Well Record received \_\_\_\_\_

Date Released 5-1-85

John C. Van  
Inspector's signature



API# 47109 - 0953

LIST ALL VISITS FOR THIS PERMIT

Century Dig Rig #2

	DATE	TIME	PURPOSE	COMMENTS
1	1-26-85		Dole Bld	Commence grade work
2				
3	2-15-85		Slates	almost complete const.
4				
5	3-11-85		Century moving	on location
6				
7	3-18-85		Run 2040'	of 8 5/8 CTS Heliburton
8	4-3-85		Unroted	pollenesis
9	4-6-85		all work	complete pit 5 Dig.
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes



FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	47- 109- 0953																		
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<table style="width:100%; border: none;"> <tr> <td style="text-align: center; width: 50%;">103</td> <td style="text-align: center; width: 50%;">N/A</td> </tr> <tr> <td style="text-align: center; font-size: small;">Section of NGPA</td> <td style="text-align: center; font-size: small;">Category Code</td> </tr> </table>	103	N/A	Section of NGPA	Category Code														
103	N/A																		
Section of NGPA	Category Code																		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	3685 feet																		
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<table style="width:100%; border: none;"> <tr> <td colspan="2">Cabot Oil &amp; Gas Corporation of W.Va.</td> <td style="text-align: right;">000728</td> </tr> <tr> <td colspan="2">Name</td> <td style="text-align: right; font-size: small;">Seller Code</td> </tr> <tr> <td colspan="3">P. O. Box 628</td> </tr> <tr> <td colspan="3">Street</td> </tr> <tr> <td>Charleston</td> <td style="text-align: center;">WV</td> <td style="text-align: right;">25322</td> </tr> <tr> <td>City</td> <td style="text-align: center; font-size: small;">State</td> <td style="text-align: right; font-size: small;">Zip Code</td> </tr> </table>	Cabot Oil & Gas Corporation of W.Va.		000728	Name		Seller Code	P. O. Box 628			Street			Charleston	WV	25322	City	State	Zip Code
Cabot Oil & Gas Corporation of W.Va.		000728																	
Name		Seller Code																	
P. O. Box 628																			
Street																			
Charleston	WV	25322																	
City	State	Zip Code																	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<table style="width:100%; border: none;"> <tr> <td colspan="2">Oceana</td> </tr> <tr> <td colspan="2">Field Name</td> </tr> <tr> <td>Wyoming</td> <td style="text-align: right;">WV</td> </tr> <tr> <td>County</td> <td style="text-align: right; font-size: small;">State</td> </tr> </table>	Oceana		Field Name		Wyoming	WV	County	State										
Oceana																			
Field Name																			
Wyoming	WV																		
County	State																		
(b) For OCS wells:	<table style="width:100%; border: none;"> <tr> <td style="text-align: center;">N/A</td> </tr> <tr> <td style="font-size: small;">Area Name</td> </tr> <tr> <td style="text-align: right; font-size: small;">Block Number</td> </tr> <tr> <td style="text-align: center;">Date of Lease:</td> </tr> <tr> <td style="text-align: center;"> <table style="width:100%; border: none;"> <tr> <td style="width: 25%; border-top: 1px solid black;"> </td> <td style="width: 25%; border-top: 1px solid black;"> </td> <td style="width: 25%; border-top: 1px solid black;"> </td> <td style="width: 25%; border-top: 1px solid black;"> </td> </tr> <tr> <td style="font-size: x-small; text-align: center;">Mo.</td> <td style="font-size: x-small; text-align: center;">Day</td> <td style="font-size: x-small; text-align: center;">Yr.</td> <td></td> </tr> </table> </td> </tr> <tr> <td style="text-align: right; font-size: small;">OCS Lease Number</td> </tr> </table>	N/A	Area Name	Block Number	Date of Lease:	<table style="width:100%; border: none;"> <tr> <td style="width: 25%; border-top: 1px solid black;"> </td> <td style="width: 25%; border-top: 1px solid black;"> </td> <td style="width: 25%; border-top: 1px solid black;"> </td> <td style="width: 25%; border-top: 1px solid black;"> </td> </tr> <tr> <td style="font-size: x-small; text-align: center;">Mo.</td> <td style="font-size: x-small; text-align: center;">Day</td> <td style="font-size: x-small; text-align: center;">Yr.</td> <td></td> </tr> </table>					Mo.	Day	Yr.		OCS Lease Number				
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OCS Lease Number																			
(c) Name and identification number of this well: (35 letters and digits maximum.)	C. W. Murphy C-5																		
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	N/A																		
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Name	Buyer Code																		
(b) Date of the contract:	<table style="width:100%; border: none;"> <tr> <td style="text-align: center;">1, 0, 0, 2, 8, 0</td> </tr> <tr> <td style="text-align: center; font-size: small;">Mo. Day Yr.</td> </tr> </table>	1, 0, 0, 2, 8, 0	Mo. Day Yr.																
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Mo. Day Yr.																			
(c) Estimated annual production:	MMcf.																		
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 25%; font-size: x-small;">(a) Base Price (\$/MMBTU)</th> <th style="width: 25%; font-size: x-small;">(b) Tax</th> <th style="width: 25%; font-size: x-small;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width: 25%; font-size: x-small;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="height: 20px;">---</td> <td style="height: 20px;">---</td> <td style="height: 20px;">---</td> <td style="height: 20px;">---</td> </tr> </tbody> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	---	---	---	---										
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---	---	---	---																
9.0 Person responsible for this application:	<table style="width:100%; border: none;"> <tr> <td style="width: 60%;">H. Baird Whitehead</td> <td style="width: 40%;">Regional Manager</td> </tr> <tr> <td>Name</td> <td>Drilling &amp; Production</td> </tr> <tr> <td></td> <td>Title</td> </tr> <tr> <td colspan="2" style="text-align: center;"> </td> </tr> <tr> <td colspan="2" style="text-align: center;">Signature</td> </tr> <tr> <td style="text-align: center;">May 21, 1985</td> <td style="text-align: right;">(304) 347-1600</td> </tr> <tr> <td style="text-align: center; font-size: small;">Date Application is Completed</td> <td style="text-align: right; font-size: small;">Phone Number</td> </tr> </table>	H. Baird Whitehead	Regional Manager	Name	Drilling & Production		Title			Signature		May 21, 1985	(304) 347-1600	Date Application is Completed	Phone Number				
H. Baird Whitehead	Regional Manager																		
Name	Drilling & Production																		
	Title																		
Signature																			
May 21, 1985	(304) 347-1600																		
Date Application is Completed	Phone Number																		

Agency Use Only
Date Received by Juris. Agency
MAY 21 1985
Date Received by FERC



JUN 14 1985

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: May 21, 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

850521 -1030-109-0953

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 P753 224 785 on May 21, 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

QUALIFIED

RECEIVED

MAY 21 1985

OIL & GAS DIV.  
DEPT. OF MINES

Date Received

Determination Date



WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT H. Baird Whitehead  
ADDRESS P. O. Box 628

Charleston, WV 25322

WELL OPERATOR Cabot Oil & Gas Corp. of WV  
ADDRESS P. O. Box 628

Charleston, WV 25322

LOCATION: Elevation 2024

Watershed Simmons Fork of Clear Creek

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 was begun: 3/15/85

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

$BHP = P_1 + P_1(e^{GL/53.34T} - 1)$

$R_{vcl}/W EBL$   
 $P_1 = 480/755$  PSIA  
 $T = 82/93$   
 $G = 0.64$   
 $L = 2172/3346$

$BHP = 506/819$  PSIA

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 21st day of May, 19 85, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 21st day of May, 19 85. My term of office expires on the 5th day of March, 19 89.

[NOTARIAL SEAL]

Lorene Miller  
Notary Public



FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	47-109 - 0953			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107TS	weir Big Lime	6 Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	3685 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.		000728 Seller Code	
	P. O. Box 628			
	Charleston	WV	25322 Zip Code	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Oceana			
	Wyoming		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-5			
(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.		018629 Buyer Code	
(b) Date of the contract:	1, 0, 0, 2, 8, 0 Mo. Day Yr.			
(c) Estimated annual production:	MMcf.			
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	-----	-----	-----	-----
9.0 Person responsible for this application:	H. Baird Whitehead			
Agency Use Only	Name		Regional Manager Drilling & Production Title	
Date Received by Juris. Agency	Signature			
MAY 21 1985	May 21, 1985			
Date Received by FERC	Date Application is Completed		(304) 347-1600 Phone Number	



JUN 14 1985

DEPARTMENT OF MINES, OIL AND GAS DIVISION

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: May 21, 19 85

8150

AGENCY USE ONLY

TF

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  
850521-1076-109-0953  
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

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

(Certificate of Proof of Service to Purchaser)

Copy sent to Purchaser by Certified Mail P753 224 785 on May 21, 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

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

- 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 Geopressed Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- X 107-6 New Tight Formation (Weir, Big Lime, Rvc1)
- 107-6 New Tight Formation

RECEIVED

MAY 21 1985

OIL & GAS DIV.  
DEPT. OF MINES

AGENCY USE ONLY  
a  
QUALIFIED

Date Received

Determination Date



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

Date May 1985  
Operator's Well No. C. W. Murphy C-5  
API Well No. 47 State 109 County 0953 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 2024  
ADDRESS P. O. Box 628 Watershed Simmons Fork of Clear Creek  
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: 3/15/85

Indicate the bottom hole pressure of the well and explain how this was calculated.  
BHP =  $P_1 + P_1(eGL/53.34T-1)$   
 $P_1 = 480/755$  PSIA (RVCL/W&BL)  
 $T = 82$   
 $G = 0.63$   
 $L = 2172/3346$   
BHP =  $\frac{RVCL}{W\&BL} / PSIA$   
506/819

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 21st day of May, 1985, has acknowledged the same before me, in my county  
aforesaid.

Given under my hand and official seal this 21st day of May, 1985.  
My term of office expires on the 5th day of March, 1989.

Lorene Miller  
Notary Public

[NOTARIAL SEAL]



Century Dy  
Rig #2

8150

IV-27  
11/23/85



Date: 3-18-85  
Well No: C-5  
API NO: 47-109-085  
State County Permit

RECEIVED  
MAR 20 1985

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES  
Oil and Gas Division  
NOTICE OF VIOLATION

WELL TYPE: Oil \_\_\_ / Gas  Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
Of "Gas" - Production  / Storage \_\_\_ / Deep \_\_\_ / Shallow   
LOCATION: Elevation: 2024 Watershed: Clearfork - Gayan  
District: Oceana County: Wyoming Quadrangle: Mathney 7.5  
WELL OPERATOR Cobalt Oil & Gas DESIGNATED AGENT DAVID G. McCluskey  
Address P.O. Box 628 Address P.O. Box 628  
Charleston, WV 25322 Charleston, WV 25322

The above well is being posted this 18th day of March, 1985, for a violation of Code 22-4-12B and/or Regulation 23:04, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

24-4-12B - SECTION 23 }  
23:04 - § 2305 }

failure to control Runoff at Well Head. Soaking into ground going in Small Stream into Clearfork or pit leaking (faulty liner)

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until Mar. 24, 1985, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Arthur C. St. Clair (5091)  
Oil and Gas Inspector

Address Brenton, WV 24818

Telephone: 732-6227



8130



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

MAR 2 11 1985

14-27  
1123

DEPT. OF MINES  
Oil and Gas Division  
NOTICE OF VIOLATION

Date: 3-18-85  
Well No. C-2  
API No. 17-109-085  
State County Permit

OIL & GAS DIVISION

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal  
of "Gas" - Production / Storage / Deep / Shallow

LOCATION: Elevation: 3024 Watershed: Cheat - Upper  
District: Boone County

WELL OPERATOR: Cabot Oil & Gas Company  
Address: 901 1st St

Address: Charleston, WV 25302

The above well is being posted this 18th day of March, 1985, for a violation of Code 22-4-17 and/or Regulation 23101, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

24-H-HR - Section 23101  
2304 - 2302

Failure to control run off of well head seeping into ground  
or pit located (handwritten note)

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent. You are hereby granted until March 24, 1985, to abate this violation. Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Charles E. Davis (201)  
Oil and Gas Inspector

Address: Beckton, WV 26108

Telephone: 858-4227



RECEIVED

FORM IV-30  
9-83

MAR 27 1985

OIL & GAS DIVISION  
DEPT. OF MINES

941

Date: 3-25-85  
Operator's Well Number: C-5  
API Well No.: No. 47 - 109 - 0953  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES OFFICE OF OIL AND GAS  
ORDER FOR FAILURE TO ABATE VIOLATION

WELL TYPE: Oil  Gas  Liquid Injection  Waste disposal

If "Gas" - Production  Storage  Deep  Shallow

LOCATION: Elevation: 2024 Watershed: Clear Fork  
District: Ocean County: WYO Quadrangle: Ocean-Molokai

WELL OPERATOR: Cobat Gas of WV  
Address: Box 628 Charleston WV 25322

DESIGNATED AGENT: DAVID McClosky  
Address: Same

Notice is hereby given that the undersigned authorized oil and gas inspector has made a special inspection of the above-named well on MARCH 25, 19 85.  
The violation of Code 22-4-12B, heretofore found to exist on 3-18, 19 85 by Form IV-27, "Notice of Violation" , Form IV-28, "Imminent Danger Order" of that date has not been totally abated and it has been determined that no further extension of time should be permitted for the following reasons:

(USE REVERSE SIDE OF THIS ORDER IF NECESSARY)

*failure to pump out leaking pit &  
cause leakage into stream -  
Sedimentation pollution - Ditch Lewis  
& Barriers out.*

Therefore, in accordance with the provisions of Code 22-4-1g, the well operator is hereby ORDERED:

- To continue cessation of operations until the imminent danger is fully abated.
- To cease further operations until the violation has been fully abated.

In accordance with Code 22-4-1h, a well operator or complaining coal operator, owner, or lessee may apply for review of this Order within 15 days of the date of this Order.

PURCHASER: \_\_\_\_\_  
Address: \_\_\_\_\_

Arthur C. Sp. Davis (5097)  
Oil and Gas Inspector  
Address: Box 468  
BRENTON, WV 24818  
Telephone: \_\_\_\_\_

(Copies of this ORDER have been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.)



RECEIVED

MAR 27 1982

FORM IV-28  
1982

DEPT. OF MINES  
OIL & GAS DIVISION

4/

Date: 3-22-82  
Operator's Well Number: 0-2  
FBI Well No. A: 109  
County: Boone  
State: West Virginia

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES OFFICE OF OIL AND GAS  
ORDER FOR FAILURE TO ABATE VIOLATION

WELL TYPE: Oil  
WELL OPERATOR: [Handwritten]  
DESIGNATED AGENT: DAVID E. MCGLOTHLIN  
Address: [Handwritten]  
Address: [Handwritten]  
The violation of Code 20-2-18 by [Handwritten] on [Handwritten] is hereby given that the undersigned authorized oil and gas inspector has made a special inspection of the above-named well and that no further extension of time should be permitted for the following reasons:  
Form IV-28, "Imminent Danger Order," of that date has not been totally abated or it has been determined that no further extension of time should be permitted for the following reasons:  
Violation of Code 20-2-18 by [Handwritten] on [Handwritten] is hereby given that the undersigned authorized oil and gas inspector has made a special inspection of the above-named well.

(USE REVERSE SIDE OF THIS ORDER IF NECESSARY)

Failure to pump out leaking gas  
caused leakage into stream  
[Handwritten signature]

Therefore, in accordance with the provisions of Code 20-2-18, the well operator is hereby ORDERED  
To continue cessation of operations until the imminent danger is fully abated.  
To cease further operations until the violation has been fully abated.  
In accordance with Code 20-2-18, the well operator or complaining coal operator, owner, or lessee may apply for review of this Order within 15 days of the date of this Order.

PURCHASER: [Handwritten]  
Address: [Handwritten]  
Oil and Gas Inspector: [Handwritten]  
Address: [Handwritten]  
Telephone: [Handwritten]

(Copies of this ORDER have been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.)



RECEIVED  
APR 10 1985

Date: 7-8-85  
Operator's C-5  
Well Number \_\_\_\_\_  
API Well No.: 47 - 109 - 0953  
State County Permit

941

OIL & GAS DIVISION  
DEPT. OF MINES

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

NOTICE OF ABATEMENT

WELL TYPE: Oil \_\_\_\_\_ / Gas  Liquid Injection \_\_\_\_\_ / Waste disposal \_\_\_\_\_  
Underground  
If "Gas" - Production  / Storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow   
LOCATION: Elevation: 2024 Watershed: CLEAR FORK  
District: OCEANA County: WYOMING Quadrangle: OCEANA  
WELL OPERATOR CABOT OIL & GAS DESIGNATED AGENT D. McClosky  
Address Box 628 Address \_\_\_\_\_  
CHARLESTON, WV. SAME

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on APRIL 8, 19 85.  
The violation of Code § 22-4-12B heretofore found to exist on 3-18, 19 85, by Form IV-27, "Notice of Violation"  Form IV-28, "Imminent Danger Order" \_\_\_\_\_ of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS

Found pit f well violator  
abated this date

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

Arthur C. St. Clair (509)  
Oil and Gas Inspector  
Address Box 468  
Brenton, WV. 24818  
Telephone 732-6229



Dept

FORM IV-81  
8-83

RECEIVED

APR 10 1985

DEPT. OF MINES  
OIL & GAS DIVISION

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

NOTICE OF ABATEMENT

Date: 4-8-85  
Operator's Well Number: C-2  
AB Well No.: 104 - 0933  
State: PA  
County: PA

WELL TYPE:  Gas  Liquid Injection  Waste disposal  
LOCATION:  Production  Storage  Underground  
Well Operator: Cabot Oil & Gas  
Address: Charleston, WV  
District: OCEANA  
County: Wayne  
Designated Agent: D. M. Lusk  
Address: 0 mg

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on April 8, 1985.  
The violation Code 22-4-11B inspectors found to exist on 3-18-85 by Form IV-27, Notice of Violation, Form IV-28, Imminent Danger Order, of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS: Abated this date  
Found pit & Well Violation

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

William C. Womack  
Oil and Gas Inspector  
Address: Box 4403  
Beechey, W.V. 26105  
Telephone: 336-1334



LATITUDE 37° 42' 30"

180'

350'

75'

LONGITUDE

M. SPENCE  
C.C. SPENCE  
R. BLACKBURN  
B.T. HOLLOWAY  
G.D. & M.H. MITCHEM  
B. & M. ACORD  
W.J. & L. MATENY  
H. & V. SIZEMORE  
H. SIZEMORE

EASTERN GAS & FUEL ASSOC.

POCAHONTAS LAND CORP

CONSOLIDATED GAS  
TRANSMISSION CORP

BROWN, ALVIN, PROFIT  
ALVALINE

M.G. & R.W. WEST

TONNEY FORK

NORFOLK & WESTERN R.R.

G.C. HEDRICK

W.D. LAFFERTY  
& H.L. KELSEL

SIMMONS FORK  
LAND COMPANY  
1104.69 AC.  
D.B. 344 PG. 975  
T.M. 135 T.P. 29

LUGER  
LUMBER  
CO.

N77°17'33"E  
1392.66'

S70°59'15"E  
1757.95'

C.W. MURPHY  
C-5 REV.

CARRIBEAN VENTURES  
GROUP INC.

85

CLEAR  
AND

SIMMONS  
FORK

214P

921

NORTH

D. CAMP

POWER

POCAHONTAS LAND CORP.

GL. & L.B. CHAMBERS

INDEPENDENT  
BAPTIST CHURCH

V.E. WALKER

T.H. & E.K.  
STEWART

REF. "A"  
11" POPLAR

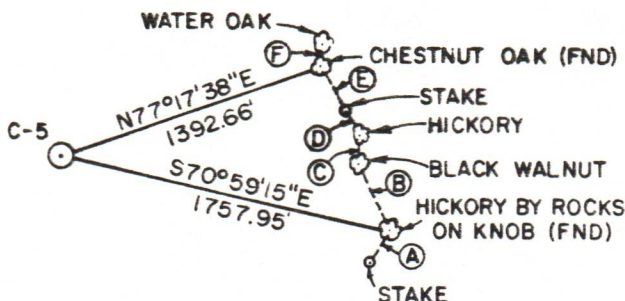
N15°35'W  
112.30'

C.W. MURPHY C-5 REV.

S20°26'E  
158.42'

REFERENCES

REF. "B"  
12" POPLAR



DEED CALLS

- A - S31°33'W 209.6'
- B - S25°33'E 364.6'
- C - S4°27'W 151.4'
- D - S36°03'E 152.4'
- E - S28°03'E 257.4'
- F - S2°03'W 122'

NOTE:  
NO OTHER ADJOINERS SHOWN ON  
TAX MAP WITHIN 2500' OF WELL.  
WELL WAS EXISTING WHEN SURVEYED.

NOTE:  
SURVEY BEARINGS BASED ON  
MAGNETIC OF SURVEY PERFORMED 3/27/85

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 2000'  
MINIMUM DEGREE OF  
ACCURACY 1:2500  
PROVEN SOURCE OF  
ELEVATION PLUGGED WELL NO.  
214 ELEV. 1611'

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 REGU-  
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-  
MENT OF MINES

(SIGNED) Don K. Cunningham  
R P E \_\_\_\_\_ L L S 701  
KOLB ENTERPRISES LTD.

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION



DATE MARCH 27 19 85  
OPERATOR'S WELL NO C.W. MURPHY C-5  
API WELL NO REV.  
47 - 109 - 953  
STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
WELL TYPE OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
LOCATION ELEVATION 2024.17' 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 CO. 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 3685'  
WELL OPERATOR Cobot Oil & Gas Corp. of W.V. DESIGNATED AGENT David G. McCluskey  
ADDRESS P.O. Box 628 ADDRESS P.O. Box 628  
Charleston, W.V. 25322 Charleston W.V. 25322