

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. Mullins #1

API Well No. 47 - 015 - 1665  
State County Permi

WELL TYPE: Oil  / Gas  /  
(If "Gas", Production  / Underground storage  / Deep  / Shallow  /)

LOCATION: Elevation: 1477 Watershed: Dog Run  
District: Buffalo County: Clay Quadrangle: Swandale 7 1/2"

WELL OPERATOR D. C. Malcolm, Inc.  
Address 1006 Commerce Square  
Charleston, W. Va. 25301

DESIGNATED AGENT D. C. Malcolm  
Address 1006 Commerce Square  
Charleston, W. Va. 25301

OIL & GAS ROYALTY OWNER Oleta Mullins  
Address Route 3  
Clay, W. Va.

COAL OPERATOR Not operated  
Address \_\_\_\_\_

ACREAGE 96  
SURFACE OWNER Oleta Mullins  
Address \_\_\_\_\_  
Acreage \_\_\_\_\_

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Oleta Mullins  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
**RECEIVED**  
**OCT 15 1979**

FIELD SALE (IF MADE) TO: \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_

**OIL & GAS DIVISION**  
**DEPT OF MINES**  
COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name \_\_\_\_\_  
Address \_\_\_\_\_

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed  / lease  / other contract  / dated Oct. 27, 19 76, to the undersigned well operator from Oleta Mullins  
[If said deed, lease, or other contract has been recorded:]

Recorded on \_\_\_\_\_, 19\_\_\_\_, in the office of the Clerk of the County Commission of Clay County, West Virginia, in \_\_\_\_\_ Book 37 at page 285. A permit is requested as follows:

PROPOSED WORK: Drill  / Drill deeper  / Redrill  / Fracture or stimulate  /  
Plug off old formation  / Perforate new formation  /  
Other physical change in well (specify) \_\_\_\_\_

--planned as shown on the work order on the reverse side hereof.

The above 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.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
615 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
TELEPHONE: (204) 282-2000

D. C. Malcolm, Inc.  
Well Operator  
By [Signature]  
Its .President

**BLANKET BOND**

05/17/2024

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-25 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) F.W.A. Drilling

Address Elkview, W. Va.

GEOLOGICAL TARGET FORMATION, Injun

Estimated depth of completed well, 2400 feet. Rotary  /

Approximate water depths: Fresh, 60 feet; salt,          feet.

Approximate coal seam depths: 68' Is coal being mined in the area: Yes  / No

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		
Conductor								Kinis
Fresh water								
Coal	8 5/8"			X		250'	250'	to surface
Intermediate								
Production	4 1/2"	J55	10.5	X		2400'	2400'	400'
Tubing								
Liners								Perforations: Top Bottom

**NOTE:** Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or drilling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well when fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

**THIS PERMIT MUST BE POSTED AT THE WELL SITE**  
All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 6-15-80.

*Robert H. Smith*  
Deputy Director - Oil & Gas Division

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 receipt thereof:

W A I V E R

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.

05/17/2024

to:         

By           
Its



Date: September 25, 19 79

Operator's Well No. Mullins #1

API Well No. 47 - 015 - 1665  
State County Permit

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

RECLAMATION PLAN

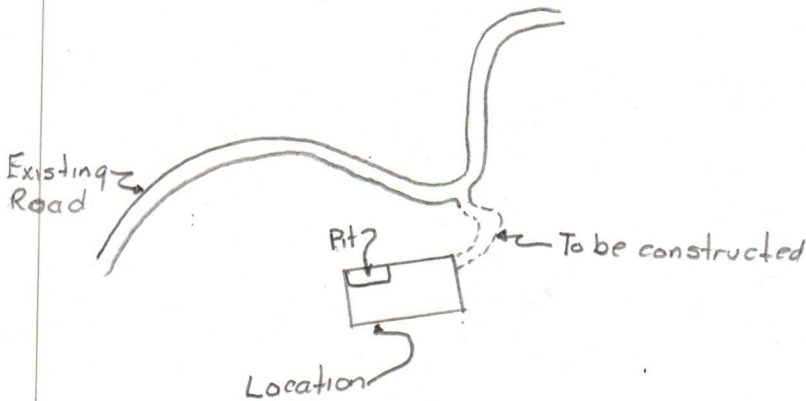
WELL OPERATOR D. C. Malcolm, Inc.  
Address 1006 Commerce Square  
Charleston, W. Va. 25301

DESIGNATED AGENT D. C. Malcolm  
Address 1006 Commerce Square  
Charleston, W. Va. 25301

The well operator hereby agrees to carry out the reclamation requirements of Code § 22-4-12b in the manner set out below.

This plan has \_\_\_/ has not X/ been reviewed with the district oil and gas inspector.

SKETCH: (Locate and show the (1) well location, (2) existing access road, (3) access road to be constructed, (4) well site, (5) drilling pit(s), and (6) necessary drainage features, including drains (natural and manmade), silt traps, etc.)



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OCT 15 1979

OIL & GAS DIVISION  
DEPT. OF MINES

STATEMENT OF RECLAMATION PLAN (Complete on reverse side if necessary)

Upon completion the pit will be filled and the location will be graded and seeded.

D. C. Malcolm, Inc.  
Well Operator

05/17/2024

By

*[Signature]*

Its

President

100-100000-100000

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05/17/2024

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OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305

This is to acknowledge that the wells listed on the reverse of this form are hereby transferred from D. C. Malcolm, Inc. (the transferor) to Ensource, Inc. (the transferee).

The transferee by this document is accepting all responsibility for compliance with the provisions of Chapter 22 Article 4 of the West Virginia Code and all rules and regulations promulgated thereunder, for the listed wells.

The transferee's designated agent (name) Michael W. Nugen, (address) P. O. Drawer 1738, Clarksburg, WV 26301, is on file with the Office of Oil and Gas.

The transferee has bonded the said wells by securities, cash, or surety (circle one) bond identified below by amount, effective date, issuing authority, and any identifying number. \$50,000, Bond No. K00728317 issued by Insurance Company of North America effective August 30, 1983. (Blanket Bond for Oil & Gas Wells)

(Transferee) Ensource Inc.  
By Michael W. Nugen  
Its District Manager

Taken, subscribed and sworn to before me this 2nd day of November 19 84  
Notary Public Waryl G. Carder  
My commission expires March 23, 19 93

(Transferor) D. C. Malcolm, Inc.  
By D. C. Malcolm  
Its President

Taken, subscribed and sworn to before me this 30th day of October 19 84  
Notary Public Cathy L. Hansford  
My commission expires 9-21 19 92  
Commissioned as Cathy L. Hansford

ACCEPTED THIS 4 DAY OF April, 19 85

By: [Signature]  
Administrator-Office of Oil and Gas

05/17/2024





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD**

Rotary X Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas X  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Quadrangle Swandale  
Permit No. 015  
Clay 1665

Company <u>D. C. Malcolm, Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>1006 Commerce Sq., Charleston, W. Va.</u>	Size			
Farm <u>Oleta Mullins</u> Acres <u>96</u>	20-16			
Location (waters) <u>Dog Run</u>	Cond.			
Well No. _____ Elev. <u>1483KB</u>	13-10"			
District <u>Buffalo</u> County <u>Clay</u>	9 5/8			
The surface of tract is owned in fee by _____	8 5/8	<u>265</u>	<u>265</u>	To surface
<u>Oleta Mullins</u>	7			
Address <u>Route 3, Clay, W. Va.</u>	5 1/2			
Mineral rights are owned by <u>Oleta Mullins</u>	4 1/2	<u>2390</u>	<u>2300</u>	100 SX
Address _____	3			thixotropic
Drilling Commenced <u>10-17-79</u>	2	<u>2190</u>	<u>2190</u>	
Drilling Completed <u>10-21-79</u>	Liners Used			
Initial open flow _____ cu. ft. _____ bbls.				
Final production <u>400,000</u> cu. ft. per day _____ bbls.				
Well open <u>7</u> hrs. before test <u>420</u> RP.				

Well treatment details: Attach copy of cementing record.  
Perf Big Lime 2193-96 w/4 shots, 2200-2204 3/4 shots  
Acidize w/4000 gals 15% acid  
Perf Blue Monday 2092-2095 w/10 shots  
Frac w/500 gals acid, 594 bbls water, 28000# 20/40 sand

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
 Fresh water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet  
 Producing Sand Big Lime, Blue Monday Depth 2193-2204, 2092-2095

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	210		
Shale			210	430		
Sand			430	645		
Sand & Shale			645	1005		
Shale			1005	1106		
Sand & Shale			1106	1342		
Sand			1342	1426		
Shale			1426	1615		
Sand			1615	1634		
Shale			1634	1746		
Sand			1746	1990		
Shale			1990	2090		
<del>XXXX</del>			<del>XXXX</del>	<del>XXXX</del>		
<del>XXXX</del> Lime			2042	2090		
Sand (Blue Monday)			2090	2098		
Shale			2098	2130		
Lime			2130	2320		
Sand			2320	2348		
Shale			2348	2416	T. D.	05/17/2024

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DEPT. OF MINES

(over)

\* Indicates Electric Log tops in the remarks section.





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FORM IV-26  
(Obverse)

608-78]

OCT 22 1979

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

Date: 10-18, 1979

Operator's Well No. Mullis #1  
APT Well No. 47-015-1665  
State County Permit

INSPECTOR'S WELL REPORT  
ON

OIL & GAS DIVISION  
DEPT. OF MINES

PERMITTED WORK EXCEPT PLUGGING AND ABANDONMENT

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

LOCATION: Elevation: \_\_\_\_\_ Watershed: Dog Run  
District: Buffalo County: Clay Quadrangle: \_\_\_\_\_

WELL OPERATOR D.C. Malcolm inc DESIGNATED AGENT D.C. Malcolm  
Address \_\_\_\_\_ Address \_\_\_\_\_  
Charleston, wva Charleston, wva

DRILLING CONTRACTOR F.W.A SERVICE COMPANIES Halibarton  
Address \_\_\_\_\_  
Elkview, wva

WELL DATA:  
Drilling commenced 10-17, 1979; completed \_\_\_\_\_, 19\_\_\_\_  
Total Depth \_\_\_\_\_ feet  
Fracturing  / Stimulation  on \_\_\_\_\_, 19\_\_\_\_ at a depth of \_\_\_\_\_ feet  
Open Flow: Initial, \_\_\_\_\_/10ths Water in \_\_\_\_\_ inches; after tubing, \_\_\_\_\_/10ths Merc. in \_\_\_\_\_ inches  
Other work commenced \_\_\_\_\_, 19\_\_\_\_; completed \_\_\_\_\_, 19\_\_\_\_  
Gas Volume \_\_\_\_\_ Mcf Oil Volume \_\_\_\_\_ Bbl.  
Rock Pressure \_\_\_\_\_ psig after \_\_\_\_\_ hrs.  
Fresh water encountered (depths) \_\_\_\_\_  
Salt water encountered (depths) \_\_\_\_\_  
Coal seams encountered (depths) \_\_\_\_\_

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									Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>8 5/8</u>					<u>251</u>	<u>251</u>	<u>100 Bags</u>	
Production									Depths set
Tubing									
Liners									Perforations:
									Top Bottom

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

05/17/2024  
508

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

Walter B. Nichols  
District Oil and Gas Inspector

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

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

Operator's  
Well No. \_\_\_\_\_

API Well No. 47 - \_\_\_\_\_ - \_\_\_\_\_  
State County Permit

INSPECTOR'S WELL REPORT  
ON  
P L U G G I N G

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

LOCATION: Elevation: \_\_\_\_\_ Watershed: \_\_\_\_\_  
District: \_\_\_\_\_ County: \_\_\_\_\_ Quadrangle: \_\_\_\_\_

WELL OPERATOR \_\_\_\_\_  
Address \_\_\_\_\_

DESIGNATED AGENT \_\_\_\_\_  
Address \_\_\_\_\_

PLUGGING CONTRACTOR \_\_\_\_\_  
Address \_\_\_\_\_

SERVICE COMPANIES (NAMES ONLY)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PERMITTED WORK: Plug and abandon \_\_\_/ Clean out and replug \_\_\_/

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness

Bridge Plugs Used--Type and Depth  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

VENT PIPE  
\_\_\_\_\_

MISCELLANEOUS MATERIALS  
\_\_\_\_\_

CASING LOST  
\_\_\_\_\_

TYPE OF RIG:

Owner: Well Op'r \_\_\_/ Contractor \_\_\_/

Rig time: \_\_\_ days plus \_\_\_ hours

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

05/17/2024

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

\_\_\_\_\_  
District Oil and Gas Inspector





State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305

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OIL & GAS DIVISION  
DEPT. OF MINES

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT

COMPANY D.C. MALCOLM, INC.  
1006 COMMERCE SQUARE  
CHARLESTON, W.V. 25301

PERMIT NO 47-015-1665  
FARM & WELL NO OLETA MULLINS #1  
DIST. & COUNTY BUFFALO / CLAY

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

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

SIGNED Craig Duckworth  
DATE 11/5/84

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

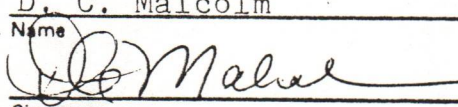
T. H. [Signature]  
Administrator-Oil & Gas Division

December 20, 1984

DATE



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MAY 1 1980  
OIL & GAS DIVISION  
DEPT. OF MINES

1.0 API well number: (If not available, leave blank. 14 digits.)	047-015-1665												
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA												
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	2204 feet												
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name: <u>D. C. Malcolm, Inc.</u> 011539 Seller Code Street: <u>1006 Commerce Square</u> City: <u>Charleston,</u> State: <u>W. Va.</u> Zip Code: <u>25301</u>												
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Field Name: <u>Swandale-Widen</u> County: <u>Clay</u> State: <u>W. Va.</u>												
(b) For OCS wells:	Area Name: <u>N/A</u> Block Number: _____ Date of Lease: _____ Mo. Day Yr.      OCS Lease Number: _____												
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>Mullins #1</u>												
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	---												
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Name: <u>Equitable Gas</u> 005939 Buyer Code												
(b) Date of the contract:	No contract written as yet Mo. Day Yr.												
(c) Estimated annual production:	24 MMcf.												
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">(a) Base Price (\$/MMBTU)</th> <th style="width:25%;">(b) Tax</th> <th style="width:25%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:25%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">No Contract -----</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">-----</td> </tr> <tr> <td style="text-align: center;"><u>2.060</u></td> <td style="text-align: center;"><u>0.260</u></td> <td style="text-align: center;"><u>0.010</u></td> <td style="text-align: center;"><u>2.330</u></td> </tr> </tbody> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	No Contract -----	-----	-----	-----	<u>2.060</u>	<u>0.260</u>	<u>0.010</u>	<u>2.330</u>
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No Contract -----	-----	-----	-----										
<u>2.060</u>	<u>0.260</u>	<u>0.010</u>	<u>2.330</u>										
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">(a) Base Price (\$/MMBTU)</th> <th style="width:25%;">(b) Tax</th> <th style="width:25%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:25%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><u>2.060</u></td> <td style="text-align: center;"><u>0.260</u></td> <td style="text-align: center;"><u>0.010</u></td> <td style="text-align: center;"><u>2.330</u></td> </tr> </tbody> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	<u>2.060</u>	<u>0.260</u>	<u>0.010</u>	<u>2.330</u>				
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<u>2.060</u>	<u>0.260</u>	<u>0.010</u>	<u>2.330</u>										
9.0 Person responsible for this application:	Name: <u>D. C. Malcolm</u> Title: <u>President</u> Signature: <u></u> Date Application is Completed: <u>April 30, 1980</u> Phone Number: <u>304-343-9593</u>												

Agency Use Only
Date Received by Juris. Agency <b>MAY 1 1980</b>
Date Received by FERC

FT7900806/2-2

05/17/2024



NOV 21 1980

D.C. Malcolm, Inc.

011537

Columbia Gas Trans. Corp.

004030

Computer OK.

OK map

0151610-1700

Qualifies J E Huzzey

W. Va. Department of Mines, Oil & Gas Division  
FILE IDENTIFICATION FILE NUMBER

000501.103.015.1665

Use Above File Number on all Communications  
Relating To Determination of this Well

STATE EACH ITEM AS COMPLETE OR GIVE WHAT IS MISSING

ITEM NO.

1. FEED-121  Items not completed - Item No. \_\_\_\_\_

2. IV-1 Agent D. C. Malcolm

3. IV-2 Well Permit

4. IV-6 Well Plat

5. IV-35 Well Record  Drilling  Drilling  Drilling \_\_\_\_\_

6. IV-36 Gas-Oil Tests: Gas Only V450 Was Oil Produced? \_\_\_\_\_ Ratio \_\_\_\_\_

7. IV-39 Annual Production No Production

8. IV-40 90 day Production \_\_\_\_\_ Days off line: \_\_\_\_\_

9. IV-48 Application for certification. Complete?

10. IV-50 - 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete?

11. IV-59 Survey \_\_\_\_\_ Maps \_\_\_\_\_ Geological Charts \_\_\_\_\_

12. Structure Map \_\_\_\_\_ Isolog Map \_\_\_\_\_ Well Correlations \_\_\_\_\_

13. Gas Analyses \_\_\_\_\_

14. Date commenced: 10/17/79 Date completed \_\_\_\_\_

15. Production Depth: 2193/2204; 2092/95

16. Production Formation: Big Lime, Blue Monday

17. Final Open Flow: 400 mcf/d.

18. Meter Pres. P.S.F.: 420 #

19. Other Gas Tests: \_\_\_\_\_

20. Avg. Daily Gas from Annual Production: No Prod

21. Avg. Daily Gas from 90-day ending #11 - 110 days: " "

22. Line Pressure: None 05/17/2024

23. Oil Production: No From Completion Report \_\_\_\_\_

24. Does lease inventory indicate enhanced recovery being done? No

25. Is affidavit signed?  Not signed? \_\_\_\_\_

26. Does official well record with the Department confirm the submitted information? yes

27. Does computer program confirm? \_\_\_\_\_

28. \_\_\_\_\_



Date April 30, 1980

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

Operator's Well No. Mullins #1  
API Well No. 47 - 015 - 1665  
State County Permit

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL  
NGPA Section 103

WELL OPERATOR D. C. Malcolm, Inc.  
ADDRESS 1006 Commerce Square  
Charleston, W. Va. 25301  
GAS PURCHASER Equitable Gas  
ADDRESS Blvd of the Allies  
Pittsburgh, Pa.

DESIGNATED AGENT D. C. Malcolm  
ADDRESS 1006 Commerce Square  
Charleston, W. Va. 25301  
LOCATION: Elevation 1483  
Watershed Dog Run  
Dist. Buffalo County Clay Quad Squandale  
Gas Purchase Contract No. No contract  
Meter Chart Code ---  
Date of Contract ---

\* \* \* \* \*

Date surface drilling was begun: October 17, 1979

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

AFFIDAVIT

I, D. C. Malcolm, 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.

D. C. Malcolm

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

I, Robert M. Helton Notary Public in and for the state and county aforesaid, do certify that D. C. Malcolm, whose name is signed to the writing above, bearing date the 30th day of April, 1980, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 1st day of May, 1980. My term of office expires on the 15th day of October, 1980.

[NOTARIAL SEAL]

Robert M. Helton  
Notary Public

05/17/2024





PARTICIPANTS:

DATE: NOV 17 1982

BUYER-SELLER

WELL OPERATOR: D. C. Malcolm, Inc.

011539

FIRST PURCHASER: Equitable Gas

00593

OTHER: \_\_\_\_\_

W. Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
820527-108-015-1665  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

~~DEFERRED~~

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121  Items not completed - Line No. 7.0+8.0 b
  - 2. IV-1 Agent D. C. Malcolm
  - 3. IV-2 Well Permit
  - 4. IV-6 Well Plat
  - 5. IV-35 Well Record  Drilling  Deepening
  - 6. IV-36 Gas-Oil Test: Gas Only  Was Oil Produced?  Ratio
  - 7. IV-39 Annual Production 24 Months years
  - 8. IV-40 90 day Production 88 Days off line:
  - 9. IV-48 Application for certification. Complete?
  - 10-17. IV Form 51 - 52 - 53 - 54 - 55 - (56) - 57 - 58 Complete?  Affidavit Signed
  - 18-28. Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_  
 Structure Map \_\_\_\_\_ 1: 4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_  
 Gas Analyses \_\_\_\_\_
  - (5) Date commenced: 10-17-79 Date completed 10-21-79 Deepened
  - (5) Production Depth: 2193-2204, 2092-D 5
  - (5) Production Formation: Big Lime, Blue Monday
  - (5) Final Open Flow: 400 MCF
  - (5) After Frac. R. P. 420# 7hrs.
  - (6) Other Gas Test: \_\_\_\_\_
  - (7) Avg. Daily Gas from Annual Production: ~~380~~ <sup>23436</sup> 65.2 MCF < 60 MCF
  - (8) Avg. Daily Gas from 90-day ending w/1-120 days ~~40~~ <sup>4524</sup> 50.3 MCF < 60 MCF
  - (8) Line Pressure: 55# PSIG from Daily R
  - (5) Oil Production: \_\_\_\_\_ From Completion Report \_\_\_\_\_
  - 10-17. Does lease inventory indicate enhanced recovery being done No
  - 10-17. Is affidavit signed?  Notarized?
- Does official well record with the Department confirm the submitted information? yes
- Additional information \_\_\_\_\_ Does computer program confirm? 05/17/2024
- Was Determination Objected to \_\_\_\_\_ By Whom? B



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Describe the search made of any records listed above:

Check has been made of Columbia and personal records

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes \_\_\_ No X. If yes, indicate the type and source of the information.

AFFIDAVIT

I, D.C. Malcolm, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

D.C. Malcolm

STATE OF WEST VIRGINIA,

COUNTY OF Kanawha, TO WIT:

I, Mary E. Malcolm a Notary Public in and for the state and county aforesaid, do certify that D.C. Malcolm, whose name is signed to the writing above, bearing date the 25<sup>th</sup> day of May, 1982, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 25<sup>th</sup> day of May, 1982

My term of office expires on the 01<sup>st</sup> day of February, 1992

Mary E. Malcolm  
Notary Public

[NOTARIAL SEAL]

05/17/2024



Operator's Well No. Mullins #1  
API Well No. 47 - 015 - 1665  
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. \_\_\_\_\_  
(If Applicable)

WELL OPERATOR D. C. Malcolm, Inc.  
ADDRESS 1006 Commerce Sq.  
Charleston, W. Va. 25301

DESIGNATED AGENT D. C. Malcolm  
ADDRESS 1006 Commerce Sq.  
Charleston, W. Va. 25301

Gas Purchase Contract No. 6899 and Date 9-2-80  
Meter Chart Code 31562 (Month, day and year)

Name of First Purchaser Equitable Gas  
420 Blvd. of Allies  
(Street or P. O. Box)  
Pittsburgh Pa. 15219  
(City) (State) (Zip Code)

FERC Seller Code 011539 FERC Buyer Code 005939

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) Section of NGPA 108 Category Code \_\_\_\_\_
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Name (Print) D. C. Malcolm Title President  
Signature [Signature]  
1006 Commerce Sq.  
Street or P. O. Box  
Charleston, W. Va. 25301  
City State (Zip Code)  
Area Code 304 Phone Number 342-0502

(Certificate of Proof of Service to Purchaser)

A copy of this filing has been mailed to Equitable

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request,  for certification of the above described well as meeting the requirements of Section \_\_\_\_\_ under the Natural Gas Policy Act of 1978. (NGPA);  or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA);  or for determination of a seasonally affected well under Section 108 of (NGPA)

All interested parties are hereby notified that on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. \_\_\_\_\_

Initial review of information submitted indicates the well  is.  is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

MAY 27 1982

Date received by Jurisdictional Agency

By [Signature] Director  
Title \_\_\_\_\_

05/17/2024

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05/17/2024



Date March 19 1982

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

Operator's  
Well No. Mullins #1

API Well  
No. 47 - 015 - 1665  
State County Permit

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

DESIGNATED AGENT D. C. Malcolm

ADDRESS 1006 Commerce Sq.

Charleston, W. Va. 25301

WELL OPERATOR D. C. Malcolm, Inc.

ADDRESS 1006 Commerce Sq.  
Charleston, WV

LOCATION: Elevation 1477

Watershed Dog Run

Dist Buffalo County Clay Quad. Swandale

GAS PURCHASER Equitable Gas

Gas Purchase Contract No. 6899

ADDRESS 420 Blvd of Allies  
Pittsburgh, Pa. 15219

Meter Chart Code 01000

Date of Contract 9-2-80

\* \* \* \* \*

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

Standard wellhead installation with a two-inch valve connected to a two-inch gathering line.

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

Production, tax and royalty records available at:  
1006 Commerce Sq.  
Charleston, WV 25301

05/17/2024

IV-39-WC

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

REPORT OF MONTHLY PRODUCTION  
GAS VOLUMES IN MCF @ 14.73  
OIL IN BARRELS @ 60 DEGREES

OPERATOR D.C. Malcolm, Inc.

YEAR 1981

REPORT DATE

3/19/82

05/17/2024

MULLINS

API 047-015-1665 FARM Mullins #1		COUNTY Clay		AVG. FLOW PRESSURE		SHUT-IN PRESSURE		TOTALS					
GAS MCF	OIL BBL	J-	M-	A-	S-	0-	N-	D-					
2023		2327	2531	2318	1871	2360	1880	1932	2136	1577	1538	1384	24677
		30	30	30	30	30	30	30	30	30	30	30	
YEAR 1982													

API 047-015-1665 FARM Mullins #1		COUNTY Clay		AVG. FLOW PRESSURE		SHUT-IN PRESSURE		TOTALS					
GAS MCF	OIL BBL	J-	M-	A-	S-	0-	N-	D-					
1602		1168	1345	1432	1365	1363	1953	24	0	1294	1511	1156	1602
		30	30	30	30	30	30	13	30	30	30	31	
TOTALS													
													14223

19719  
358 = 55.08 Section 271.804 (b)

SUMMARIZATION SCHEDULE

In accordance with Section 271.804 (b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

API NUMBERS







