

COPY
84



2) Operator's Well No. 20329
3) API Well No. 41 - 039 - 2151 - P
State County Permit

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON A WELL

Oil _____ / Gas X / Liquid injection _____ / Waste disposal _____ /
 of "Gas", Production X / Underground storage _____ / Deep X Shallow _____
 Elevation: 782 / Watershed: Wolfpen Br. of Rocky Fork (KP5B)
 District: Union / County: Kanawha / Quadrangle: Charleston (POCATALICO 7.S')
 Applicant: Columbia Gas Transmission Corp. 7) DESIGNATED AGENT J. L. Weekley
 Address: P. O. Box 1273
Charleston, WV 25325
 Director to be notified: G. Dillon 9) PLUGGING CONTRACTOR
P. O. Box 30 Name _____
Marbro, WV 25917 Address _____

The work order for the manner of plugging this well is as follows:

- 500'-5200'
- 3" McCullough Plug @ 5200'
- 5200'-5180'
- 4800'
- 3" McCullough Plug @ 4800'
- 4800'-4650'
- 2250'
- 3" Casing @ 2250' and Pull
- McCullough Plug @ 2249'
- 248'-1848'
- 1248'
- 248'-1100'
- 250'-Surface

Instrument as prescribed by law.

OFFICE USE ONLY
PLUGGING PERMIT

August 21, 1984
Date

47-039-2151-P

The well operator and well location shown below is evidence of permission granted to plug in accordance with the pertinent legal requirements and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector 24 hours before work has commenced.)

The permitted work is as described in the Notice and Application, plat, subject to any modifications and conditions on the reverse hereof.

unless plugging is commenced prior to that date and prosecuted with due diligence.

August 21, 1986

Agent: <u>MW</u>	Plat: <u>MW</u>	Casing: <u>MW</u>	Fee: <u>NF</u>
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Michael Jarvis
Administrator, Office of Oil and Gas

A copy of this permit posted at the plugging location.

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

09/08/202

PERMIT

This part of Form IV-4(b)

Application received

Plugging started

Plugging completed

Well Record received

OTHER INSPECTIONS

Reason: _____

Reason: _____

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

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas W
(KIND)

Company _____
 Address _____
 Farm _____
 Well No. _____
 District _____ County _____
 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
13			
10			Size
8 1/4			
6 5/8			Dep
5 3/16			
3			Per
2			Per
Liners Used			Per
			Per

CASING CEMENTED _____ SIZE _____ N
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET
 _____ FEET _____ INCHES _____ FEE
 _____ FEET _____ INCHES _____ FEE

Drillers' Names _____

Remarks:

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

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ 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	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size _____ 16 _____ 13 _____ 10 _____ 8 1/4 _____ 6 5/8 _____ 5 3/16 _____ 3 _____ 2 _____ Liners Used _____			

Volume _____ Cu. Ft. CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

Rock pressure _____ lbs. _____ hrs. NAME OF SERVICE COMPANY _____

Oil _____ bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

Fresh water _____ feet _____ feet _____ FEET _____ INCHES _____ FEET _____ INCHES

Salt water _____ feet _____ feet _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: _____

RECEIVED

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

INSPECTOR'S WELL REPORT

Permit No. _____ Oil or Gas Well _____
(KIND)

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ Drilling commenced _____ Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			Kind of Packer _____ Size of _____ Depth set _____ Perf. top _____ Perf. bottom _____ Perf. top _____ Perf. bottom _____
	16			
	13			
	10			
	8 1/4			
	6 5/8			
	5 3/16			
	3			
	2			
	Liners Used			

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

Drillers' Names _____

Remarks: _____

DEPT OF MINES
OIL & GAS DIVISION

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

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

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

Drillers' Names _____

Remarks:

DATE

09/08/2023

DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

RECEIVED

NOV 1 - 1984

OIL & GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL DEPT. OF MINES

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

Not operated	Columbia Gas Transmission Corp.
COAL OPERATOR OR OWNER	NAME OF WELL OPERATOR
David C. Eicher	P. O. Box 1273, Charleston, WV
ADDRESS	COMPLETE ADDRESS
864 Chappell Road, Charleston	October 23 19 84
COAL OPERATOR OR OWNER	WELL AND LOCATION
Starkey Realty Co.	Union District
ADDRESS	Kanawha County
LEASE OR PROPERTY OWNER	Well No. 2D329
ADDRESS	Starkey Realty Co. Farm

STATE INSPECTOR SUPERVISING PLUGGING Rodney Dillon

AFFIDAVIT

STATE OF WEST VIRGINIA, }
County of Kanawha } SS:

Michael Friend and Larry Friend
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Columbia Gas Trans. Corp., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 17 day of September, 1984, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL	PLUGS USED	CASING	
			CSG PULLED	CSG LEFT IN
FORMATION	Cement 5500'-5700'			
	Gel 5200'-3985'			
	Bridge Plug 3985'	Baker Types 7"		
	Cement 3985'-3535'			
	Gel 3535'-2140'			
	Bridge Plug- 2140'	Baker Types 9-5/8"		
	Cement 2140'-1740'	7" csg.	2250'	2962'
	Gel 1740'-1250'			
	Cement 1250'-1100'	9-5/8" csg.		1909'
	Gel 1100'- 250'	13-3/8" csg.		39'
	Cement 250'-Surface			
COAL SEAMS				
(NAME)		DESCRIPTION OF MONUMENT		
(NAME)		7" O.D. 36" Riser stating		
(NAME)		Col. Gas-Well #20329		
(NAME)		P & A 9-20-84		
(NAME)				

and that the work of plugging and filling said well was completed on the 20 day of September, 1984.

And further deponents saith not.

Sworn to and subscribed before me this 23 day of October, 1984.

My commission expires: August 13, 1989

Michael Friend
Larry Friend
Notary Public.
Permit No. 47-039-2151

09/08/2023

KAN 2151



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
November 9, 1984

COMPANY Columbia Gas Transmission Corp. PERMIT NO 039-2151-P (8-21-84)
P. O. Box 1273 FARM & WELL NO Starkey Realty Co. #20329
Charleston, West Virginia 25325 DIST. & COUNTY Union/Kanawha

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to Starting Work	_____	_____
16.01	Required Permits at Wellsite	_____	_____
17.02	Method of Plugging	_____	_____
18.01	Materials used in Plugging	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
17.06	Statutory Affidavit	_____	_____
7.06	Parties Responsible	_____	_____
7.05	Identification Markings	_____	_____

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

SIGNED Carlos W. Hively
DATE 6/26/85

Your Affidavit of Plugging was received and reclamation requirements approved. The well designated by the above permit number has been released under your bond.

T. H. ...
Administrator-Oil & Gas Division

July 11, 1985
DATE



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Charleston
Permit No. Kan. - 2151

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company JAMACO PROPERTIES, INC.
Address Box 550 - Alexandria, La. 71201
Farm Starkey Realty Co. Acres 77.0
Location (waters) Rocky Fork
Well No. One Elev. 782'
District Union County Kanawha
The surface of tract is owned in fee by Delmer Isley
Address Charleston, W. Va.
Mineral rights are owned by Mrs. Starkey Gore
Address Teays Valley, W. Va.
Drilling commenced 8/11/67
Drilling completed 8/22/67
Date Shot none From To
With

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	38.8'	38.8	
10			Size of
XXX 9 5/8	1909.0'	1909.0'	Depth set
6% N-80	5412.0'	5412.0'	
5 3/16			
4 1/2			
3			Perf. top
2 EUE	5478.0	5478.0'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume 2.4 MM Cu. Ft.
Rock Pressure 1675 lbs. 72 hrs.
Oil none bbls., 1st 24 hrs.

Attach copy of cementing record.
CASING CEMENTED 7 SIZE 300 No. Ft. 8/20/67 Date
Amount of cement used (bags) 200 Common w/25#Floceal
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT NO. FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) 1200 Bbls. - 2000 gals. SX acid, 34000# 20-40 sand, 24.5 BPM at 4100 psi. - Dowell
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 6.3 MMCF

ROCK PRESSURE AFTER TREATMENT 1585 psi HOURS 72
Fresh Water 391' Feet Salt Water 1230', 1790' Feet
Producing Sand Newburg Depth 5481' - 5493'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
surface soil			0	26		(Measurements at Rotary table = + 11.5')	
sand			26	47			
sd. shale			47	65			
red rock			65	70			
sd. shale			70	415	water	391'	
sand			415	1160			
sd. shale			1160	1390	s. water	1230'	
shale			1390	1505			
sand			1505	1575			
sand & shale			1575	1585			
lime			1585	1785			
sand			1785	1880	s. water	1790'	Big Line Injun
shale w/sd. stks.			1880	2247			
sand			2247	2260			Berea
shale w/sd. syks.			2260	4668			
Dol & Lime			4668	4757			Huntersville
sand			4757	4773	gas	4763'	Oriskany
Lime Any., Dol.			4773	5478			
sand			5478	5493	gas	5481'	Newburg
lime & Dol.			5493	5500			
TD			5500				



09/08/2023