



1) Date: 4-10, 1984
 2) Operator's Well No. 20407
 3) API Well No. 47 - 015 - 2228-RED-FRA
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
 5) LOCATION: Elevation: 1092.43 Watershed: Summers Fork
 District: Henry County: Clay Quadrangle: Newton
 6) WELL OPERATOR Columbia Gas Transmission Corp. 7) DESIGNATED AGENT J. L. Weekley
 Address P. O. Box 1273 Address P. O. Box 1273
 Charleston, WV 25325 Charleston, WV 25325
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Craig Duckworth Name _____
 Address Box 107, Davisson Rt. Address _____
 Gassaway, WV 26624
 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Injun
 12) Estimated depth of completed well, 2015 feet
 13) Approximate trata depths: Fresh, - feet; salt, - feet.
 14) Approximate coal seam depths: - Is coal being mined in the area? Yes / No

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 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	8-5/8	K	24	X		425	425	To surface	MEAT
Fresh water									
Coal									Sizes
Intermediate									
Production	4 1/2	K	10.5	X		2015	2015	To surface	Depths set
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-015-2228-RED-FRAC Date May 3, 1984

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

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

Permit expires May 3, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: [Signature]	Plat: MH	Casing: MH	Fee: 4060-0895
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Margaret J. Hesse
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

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DEPT. OF MINES

1) WELL LOCATION: B (H) Gas, Production
2) WELL OPERATOR: [Name]
3) DESIGNATED AGENT: [Name]
4) DRIILLING CONTRACTOR: [Name]
5) PROPOSED WELL WORK: [Description]
6) GEOLOGICAL TARGET FORMATION: [Description]
7) ESTIMATED DEPTH OF COMPLETED WELL: [Depth]
8) APPROXIMATE TRAP DEPTHS: [List]
9) APPROXIMATE DEEP SEAM DEPTHS: [List]

OFFICE USE ONLY

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

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____

Reason: _____

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

05/17/2024

1) Date: 4-10, 19 84
2) Operator's Well No. 20407
3) API Well No. 47 015-2228
State County Perm
RED-Frac.

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

5(i) COAL OPERATOR Unoperated
Address _____

(i) Name Columbia Gas Transmission Corp.
Address P. O. Box 1273
Charleston, WV 25325

(ii) Name _____
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD
Name Joseph Belcher, Jr., et. al.
Address Prociuous, WV 25164

(iii) Name _____
Address _____

Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD
Name N/A
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

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OIL & GAS DIVISION
DEPT. OF MINES

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) EXTRACTION RIGHTS

Check and provide one of the following:

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

7) ROYALTY PROVISIONS

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

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

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

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

WELL OPERATOR Columbia Gas Transmission Corp.

By J. L. Weekley
Its Director, Drilling & Operations
Address P. O. Box 1273
Charleston, WV 25325
Telephone 357-3394

J. L. Weekley
this 10 day of April, 1984.
My commission expires 8-13, 1989.

Notary Public, Kanawha County,
State of West Virginia

05/17/2024

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>
J. Belcher	United Fuel		8	167



IV-9
(Rev 8-81)

DATE April 2, 1984

WELL NO. 20407

State of West Virginia
Department of Mines
Oil and Gas Division

API NO. 47 - 015 - 2228 -
REDRILL-FRAC

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Columbia Gas Transmission Corp. DESIGNATED AGENT Joseph E. Campbell
Address P. O. Box 1273, Charleston, WV Address P. O. Box 1273, Charleston, WV
Telephone 357-2000 Telephone 357-2741
LANDOWNER Joseph Belcher SOIL CONS. DISTRICT Elk S.C.D.
Revegetation to be carried out by Joseph E. Campbell (Agent)
This plan has been reviewed by Elk SCD. All corrections
and additions become a part of this plan: 4-4-84 (Date)

Joseph E. Campbell
(SCD Agent)

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ACCESS ROAD

LOCATION

Structure 16" culvert (A)
Spacing Per Sketch
Page Ref. Manual 2-7 & 2-8; Table 3
Structure Rip Rap (B)
Spacing Rock Berms
Page Ref. Manual 2-10
Structure Drainage Ditch (C)
Spacing Per Sketch
Page Ref. Manual 2-12

Structure Diversion Ditch (1)
Material Per Sketch (Earthen)
Page Ref. Manual 2-12 & 2-13
Structure Rip Rap (2)
Material Rock Berms
Page Ref. Manual 2-10
Structure Sediment Barrier (3)
Material Rock Berms
Page Ref. Manual 2-16

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 dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime Three (3) Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch Straw Two (2) Tons/acre
Seed* Ky, 31" Fescue 30 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
lbs/acre

Lime Three (3) Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch (Straw) Two (2) Tons/acre
Seed* Ky, 31" Fescue 30 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
lbs/acre

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

05/17/2024

PLAN PREPARED BY Michael John

ADDRESS P. O. Box 1273
Charleston, WV

PHONE NO. 357-2584

NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

P 377 817 615

LB

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED -
NOT FOR INTERNATIONAL MAIL

(See Reverse)


SENT TO
Joseph Belcher
Street and No.

P.O., State and ZIP Code
Procioux WV 25164

A 20407

Postage	\$ 20
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	\$ 155

PS Form 3800, Feb. 1982

Postmark or Date


Well No. 6 Joseph Belcher (Contractor)
 Lease No. 192
 Township District
 Contractor 192
 Farm County Acres
 State Contractor 192
 Drilling Commenced N. S. 192
 Drilling Completed E. W. 192

Rock Formation Top Bottom Steel Line Measurement Remarks

fine sand	1535	1640	1680	1852	1852	
slate	1680	1680	1683	1857	1857	
fine sand	1683	1721	1721	1958	1958	
Red Rock	1721	1727	1727	1965	1965	
fine sand	1727	1765	1770	1974	1974	
slate	1765	1770	1770	1994	1994	
Masson sand	1770	1785	1785	2013	2013	
slate	1785	1785	1795	2015	2015	
little fine sand	1795	1830	1830			
fine sand	1830	1848	1848			
Oniceil cave	1848	1852	1852			
fine sand	1852	1857	1857			
6 1/2 ft. casing	1857	1857	1857			
3 in. diameter well above	1958	2013	1958			
oil	1965	1968	1965			
slate	1974	1994	1974			
slate	2013	2015	1994			

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

Put in Well	Pulled Out	Left in Well	Shot Date
Size Feet In.	Feet In.	Feet In.	Amount Sand Result
8 1/4" 404 3	404 3		June 21, 1926
6 5/8" 1873 8			Big Spring Open to flow

Well No. 6 Joseph Belcher
 Lease No. 192
 Township District
 Contractor 192
 Farm County Acres
 State Contractor 192
 Drilling Commenced N. S. 192
 Drilling Completed E. W. 192

Rock Formation Top Bottom Steel Line Measurement Remarks

Conductor	16	16	1535	
slate	80	80		
fine sand	90	90		
slate	100	100		
slate	125	200		
slate	200	250		
slate	250	325		
slate	325	400		
slate	400	575		
8 1/4" casing	575	401		
slate	600	600		
slate	700	700		
slate	750	750		
slate	950	950		
fine shells + slate	1000	1000		
slate	1175	1175		
slate	1235	1235		
slate	1285	1240		
slate	1515	1515		

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

Put in Well	Pulled Out	Left in Well	Shot Date
Size Feet In.	Feet In.	Feet In.	Amount Sand Result

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 DEPT. OF MINES
 05/17/2024

Production First 24 Hours 10 Bbls. Gas Test

Production First 24 Hours Bbls. Gas Test

IV-35
(Rev 8-81)

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OIL & GAS DIVISION
DEPT. OF MINES
State of West Virginia
Department of Mines
Oil and Gas Division

Date February 4, 1985
Operator's
Well No. 20407 REDRILL
Farm J. Belcher
API No. 47 - 015 - 02228

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

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

LOCATION: Elevation: 1092.43 Watershed Summers Fork
District: Henry County Clay Quadrangle Newton

COMPANY Columbia Gas Transmission Corporation

ADDRESS P. O. Box 1273, Charleston, WV

DESIGNATED AGENT James L. Weekley

ADDRESS P. O. Box 1273, Charleston, WV

SURFACE OWNER Joseph Belcher

ADDRESS Prociou, WV 25164

MINERAL RIGHTS OWNER Joseph Belcher

ADDRESS Prociou, WV 25164

OIL AND GAS INSPECTOR FOR THIS WORK Craig
Duckworth ADDRESS Box 107, Davisson Rt.
Gassaway, WV 26624

PERMIT ISSUED 5-3-84

DRILLING COMMENCED 5-11-84

DRILLING COMPLETED 8-17-84

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.			
13-10"			
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2	1941.34	1941.34	550 sacks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Injun Depth 2015 feet

Depth of completed well 2015 feet Rotary / Cable Tools

Water strata depth: Fresh feet; Salt 1372 feet

Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA This is a secondary recovery.

Producing formation Big Injun Pay zone depth 1966-2005 feet

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

Final open flow Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests hours

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

(If applicable due to multiple completion--)

05/17/2024

Second producing formation Pay zone depth feet

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

Final open flow Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours

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

(Continue on reverse side)

CLAY 22228

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Pay intervals shot between 1966-2005 feet.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Allegheny/Conemaugh			0	1320	
Cow Run			1320	1352	
Shale			1352	1372	
Salt Sand			1372	1700	
Shale			1700	1774	
Maxon			1774	1782	
Shale			1782	1858	
Big Lime			1858	1966	
Big Injun			1966	TD	
LTD			2005		
DTD			2015		

(Attach separate sheets as necessary)

Columbia Gas Transmission Corporation

Well Operator

By: *J. H. Seebley* 05/17/2024
 Date: February 4, 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

Permit No. D15-2228-RED. - FRAC.

Oil or Gas Well _____
(KIND)

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
<u>COLUMBIA GAS TRANS.</u>	<u>CHARLESTON, W.V.</u>	<u>COLUMBIA GAS TRANS.</u>	<u>20407</u>	<u>HENRY</u>	<u>CLAY</u>											16			
																13			
																10			
																8 1/4			
																6 3/8			
																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 SMITH DRILLING CO. RIG 10 HAROLD JOHNSON

Remarks: T.D. 2023 COMING OUT OF HOLE TO LOG PERMIT CALLED FOR 425' OF 8 5/8 WELL HAD 404' OF 8 1/4 PART OF IT WAS PULLED DRED COMPANY TO RUN 4 1/2 CASING + CEMENT IT TO SURFACE

8/16/84
DATE

Craig Duckworth
DIRECTOR
05/17/2024

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.

05/17/2024

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MAR 13 1985

OIL & GAS DIVISION
DEPT. OF MINE

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

Company: COLUMBIA GAS TRANS
Farm: COL. GAS TRANS. CORP. Well: 20407

Permit No. 47- 15-2228 -FRAC
County: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 Casings	-----	-----
15.02	Adequate Coal Casings	-----	-----
15.01	Adequate Production Casings	-----	-----
15.04	Adequate Cement Strength	-----	-----
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	-----	-----
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 3 / 6 / 85

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

T. H. ...

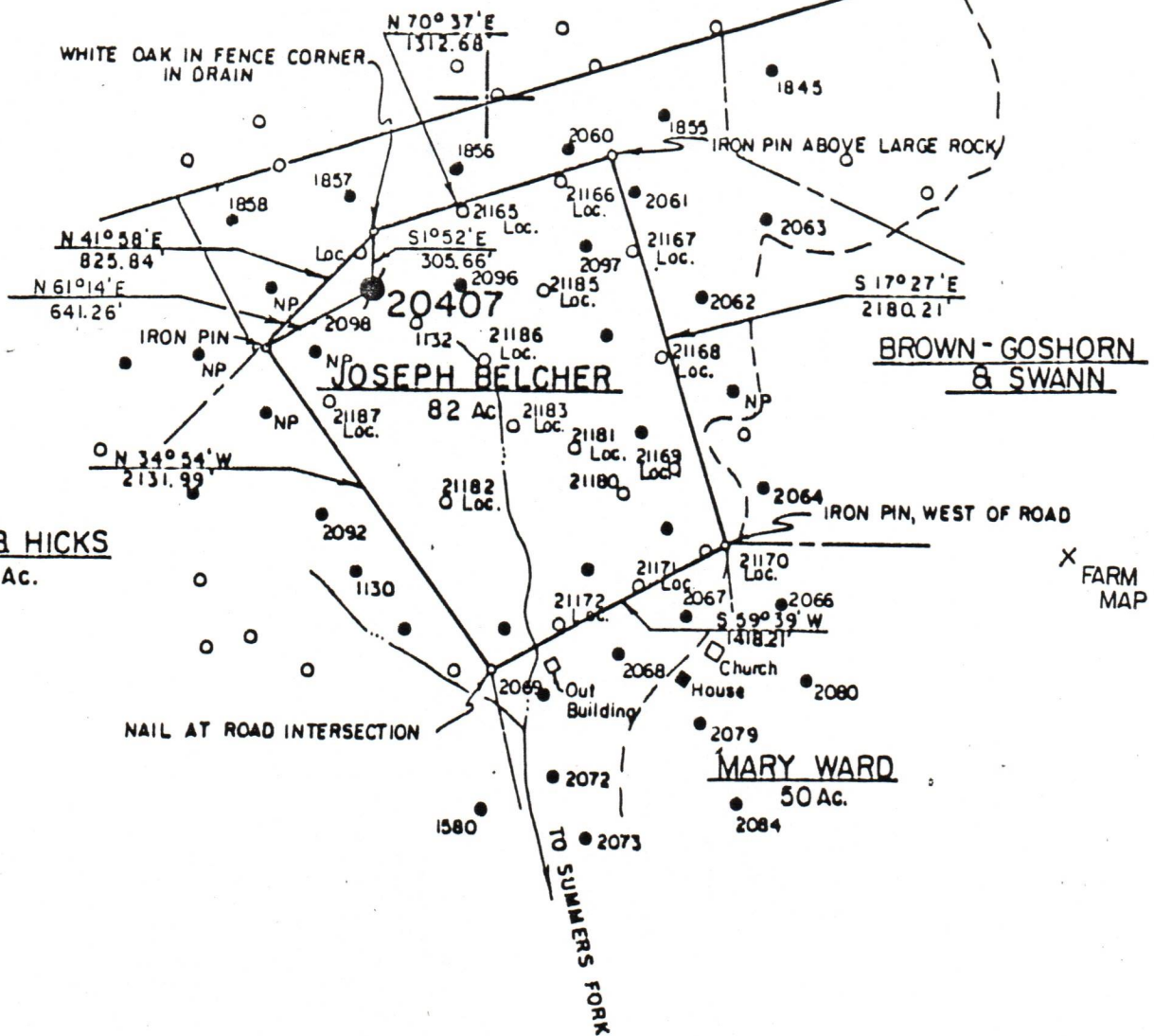
Administrator

March 14, 1985

Date

TMS/nw

NORTH



FILE NO. 86-71
 DRAWING NO. 20407
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 part in 2000
 PROVEN SOURCE OF ELEVATION U.S. GOV'T. BM at Ovada, FL 864

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Leop. C. Hart
 R.P.E. _____ L.L.S. 99



PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 LAT. 38° 31' 50"
 LONG. 81° 09' 15" DCK. BOOK 2464 PG. 44



DATE OCTOBER 14, 19 83
 OPERATOR'S WELL NO. 20407
 API WELL NO. _____
47 - CLAY - 2228-Red. Frac.
 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 1092.43 WATER SHED SUMMERS FORK
 DISTRICT HENRY COUNTY CLAY
 QUADRANGLE NEWTON, W. VA.
 SURFACE OWNER COLUMBIA GAS TRANSMISSION CORP. ACREAGE 82
 OIL & GAS ROYALTY OWNER JOSEPH BELCHER, ET AL. LEASE ACREAGE 05827/2024
 LEASE NO. 13190, 14474
 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 INJUN ESTIMATED DEPTH 2015'
 WELL OPERATOR COL. GAS TRANS. CORP. DESIGNATED AGENT J.L. WEEKLEY
 ADDRESS P.O. BOX 1273 ADDRESS SAME
CHARLESTON, W. VA.