OG – 1
Rev. – 71

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
OCT 3 1979
OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE Sept. 28, 1979

Surface Owner James Matthey et al
Address Bristol, WV 26332
Mineral Owner G. W. Brohard Heirs
Address R#2, Bristol, WV 26332
Coal Owner Consolidation Coal Co.
Address Morgantown, WV
Coal Operator None
Address

Company Pace Pipe Line Company
Address Drawer B, Delmont, Pa. 15626
Farm G. W. Brohard Acres 173
Location (waters) Turtle Tree Fork
Well No. Two (2) Elevation 1292
District Union County Harrison
Quadrangle Big Isaac 7½

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 6-3-80.

Robert L. Ellis
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett
ADDRESS Clarksburg, W.Va.
PHONE 622-3871

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated August 1896 19___ by G. W. Brohard ___ made to South Penn Oil and recorded on the ___ day of ___ 19___, in Harrison County, Book 92 Page 46

X NEW WELL ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address ___ day ___ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, PACE PIPE LINE COMPANY
(Sign Name) B. G. Snyder - pres.
Well Operator

Address of Well Operator
P. O. BOX B
Street
DELMONT, PENNA.
City or Town
State

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

12/01/2023

*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

47-033-2206
PERMIT NUMBER
(Formerly: HAR-2024)

...and will carry out the specified requirements.

...itted By: ___ Title Engineer Date 10/22/80

THIS IS AN ESTIMATE ONLY

ACTUAL INFORMATION WILL BE SUBMITTED ON OC 10 UPON COMPLETION

12/01/2023

OG-10
Rev. - 9-71

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

RECEIVED
NOV 21 1979
OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Big Isaac 7½

Permit No. 47-033-2206

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

Company PACE PIPE LINE COMPANY
Address Drawer B, DELMONT, PA. 15626
Farm Brophard (Brohard) Acres 173
Location (waters) Turtle Tree Fork
Well No. 2 Elev. 1292
District Union County Harrison
The surface of tract is owned in fee by James Matthey etal
Address R#2 Bristol, W. Va. 26332
Mineral rights are owned by G. W. Brohard Heirs. R#2 Address Bristol, W. Va. 26332
Drilling Commenced 10/18/79
Drilling Completed 10/25/79
Initial open flow 334 M cu. ft. ____ bbls.
Final production ____ cu. ft. per day ____ bbls.
Well open 4 hrs. before test 2150 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16 Cond.			
13-10" 11 3/4"	30	30	
9 5/8			
8 5/8	2046	2046	275 CF
7			
5 1/2			
4 1/2	5466	5466	175 CF
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.

20 Bbl D107-OW100 Chemical Wash, Special Plated insert 4½", Insert C-1 m4½" W/3 3/8 PLA, Insert Auto Fill Plug 4½", 5 ea Centralizers Regular 4½", Shoe Flapper Float ALM 4½", 500 Gallon Hydrocloric Acid 15%, 2 gallon A200 Inhibitor, 2 gallon Non Emulsifying Agent, 2 gallon Clay Control Agent, 20# L41 Iron Sequestering Agent.

Coal was encountered at 87-91, 145-148, 409-412 Feet 48", 36", 36" Inches
Fresh water ½" stream Feet 65 Salt Water xx Feet ____
Producing Sand Alexander Depth 5344-5354

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Fill and Clay			0	10		
Sand and shale			10	40		
Sand			40	87	½" Stream 65'	
Coal			87	91		
Sand			91	110		
Shale & Red Rock			110	145		
Coal			145	148		
Sand			148	235		
Shale & Red Rock			235	350		
Sand & Shale			350	409		
Coal			409	412		
Sand & Shale			412	460		
Red Rock & Shale			460	500		
Sand			500	660		
Red Rock & Shale			660	1685		
Sand & Shale			1685	2050		
Shale & Red Rock			2050	2085		
Big Lime & Injun			2085	2255		
Shale & Sand			2255	3700	Gas @3000' No show	
					Gas 3308' 2/10-1" FM Water	
					Gas 3618' 50/10-1" "	
Shale			3700	4360	Gas 3898' 14/10-2" "	
					Gas 4213' 60/10-1" "	
Riley (Brown)			4360	4375		
Shale			4375	5020	Gas 4500' 12/10-2" "	

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet /2	Bottom Feet	Oil, Gas or Water	* Remarks
					Gas @ 4870'	12/10 2" Water
Benson			5020	5040		
Sand & Shale			5040	5290	Gas 5181	6/10 2" Water
Brown Sand #1 Alexander			5290	5306	Gas 5306	6/10 2" Water
Shale			5306	5344		
Brown Sand #2 Alexander			5344	5354		
Shale			5354	5620		
Shale			5620	5702	TD @ 5702	7 7/8 head

12/01/2023

Date November 16 19 79

APPROVED PAGE PIPE LINE COMPANY Owner

By B. A. Snyder

(Title) President

FORM IV-26
(Obverse)
[08-78]

RECEIVED
OCT 31 1979
OIL & GAS DIVISION
DEPT. OF MINES

Date: 10/30/79, 19____

Operator's Well No. 2

API Well No. 47 - 033 - 2206
State County Permit

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

INSPECTOR'S WELL REPORT
ON
PERMITTED WORK EXCEPT PLUGGING AND ABANDONMENT

WELL TYPE: Oil____/ Gas X / Liquid Injection____/ Waste Disposal____/
(If "Gas", Production X / Underground storage____/ Deep____/ Shallow X /)

LOCATION: Elevation: 1292 Watershed: Turtle Tree Fork
District: Union County: Harrison Quadrangle: Rio Isaac

WELL OPERATOR Pace Pipeline Company DESIGNATED AGENT James W. Sweeney
Address Drawer - B Address Box 126
Delmont, Pa. Mannington, W.V.

DRILLING CONTRACTOR S.W. Jack SERVICE COMPANIES Dowell
Address Buckhannon, W.V

WELL DATA:

Drilling commenced 10/18/79, 19____; completed 10/25/79, 19____

Total Depth 5710 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) 65

Salt water encountered (depths) _____

Coal seams encountered (depths) 87 - 145 - 409

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor									Kinds
Fresh water									
Coal	8 5/8			X		2046	2046	450-SKS	Sizes
Intermediate									
Production	4 1/2			x		5466	5466	175-SKS	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL 10/19/79 - 10/23/79

DATE OF INSPECTOR'S LATEST VISIT TO WELL 10/30/79

INSPECTOR'S AND OTHER REMARKS: Completion Information from Engineer in charge.

12/01/2023

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

Paul H. Garrett - 504
District Oil and Gas Inspector

FORM IV-26
(Reverse)

[08-78]

Date: _____, 19____

Operator's
Well No. _____

API Well No. 47 - _____ - _____
State County Permit

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

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 _____ DESIGNATED AGENT _____

Address _____ Address _____

PLUGGING CONTRACTOR _____ SERVICE COMPANIES (NAMES ONLY)

Address _____

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:

12/01/2023

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

10-3-79

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

APR 21 1986

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

FINAL INSPECTION REQUEST

INSPECTOR'S COMPLIANCE REPORT

Permit No. 33-2206 County Harr.
Company Pace Pipe Line Farm Brohard
Inspector Well No. 2
Date

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 Strength		
23.02	Maintained Access Roads		
25.01	Necessary Equipment to prevent Waste		
23.03	Reclaimed Drilling Site		
23.04	Reclaimed Drilling Pits		
23.05	No surface or underground Pollution		
7.03	Identification Markings		

COMMENTS:

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Steve Casey
DATE: 4-17-86

12/01/2023

RECEIVED
NOV 26 1979
OIL & GAS DIVISION
DEPT. OF MINES

FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	47-033-220600000
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA; Category Code
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5354 feet
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name: Pace Pipe Line Company; Seller Code: ____ Street: P. O. Box B City: Delmont, State: Penna. Zip Code: 15626
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Field Name: Big Isaac County: Harrison State: WV
(b) For OCS wells:	Area Name: N/A Block Number: N/A Date of Lease: Mo. Day Yr. OCS Lease Number: N/A
(c) Name and identification number of this well: (35 letters and digits maximum.)	Brohard #2
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	Alexander
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Name: Consolidated Gas Supply Corp. Buyer Code: ____
(b) Date of the contract:	N/A Mo. Day Yr.
(c) Estimated annual production:	30,000 MMcf.

		(a) Base Price ($/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	11/79	1.960	.---	.---	.---
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	07/79	2.062	.---	.---	.---

9.0 Person responsible for this application:

Name: G. A. Snyder Title: President

Signature: G. A. Snyder

Date Application is Completed: 11/19/79 Phone Number: 412/837-8451

Agency Use Only

Date Received by Juris. Agency: NOV 26 1979

Date Received by FERC

FT7900806/2-2

12/01/2023

FERC--121

Form Approved
OMB No. 038--R0381

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

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)

(Sections 102, 103, 107 and 108)

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

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

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

Specific Instructions for Item 2.0, Type of Determination:

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

Other Purchasers/Contracts:

Contract Date (Mo. Day Yr.)	Purchaser	Buyer Code
N/A	Consolidated Gas Supply Corp.	--

Remarks:
No GPC at this time - to be processed by Consolidated Gas Supply Corp.

FT7900806/1-2

12/01/2023

PARTICIPANTS: DATE: MAR 04 1980 BUYER-SELLER CODE

WELL OPERATOR: Pace Pipeline Co. NA

FIRST PURCHASER: Consolidated Gas Supply Corp. 004228

OTHER:

Qualified Section 103, new motion presented and passed

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
7910126-103-033-2206
Use Above File Number on all Communications Relating to Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

1 FERC-121 ✓ Items not completed - Line No.

2 IV-1 - Agent J. W. Sweeney

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 No Prod years

8 IV-40- 90 day Production 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: Date Completed: 10/18/79-10/25/79 Deepened

(5) Production Depth: 5344/54

(5) Production Formation: Alexander

(5) Final OPEN FLOW: 344 mcfd

(5) After FRAC R.P.: 2100 #

(6) Other Gas Test:

(7) Avg. Daily Gas from Annual Production: No Prod

(8) Avg. Daily Gas from 90-day ending w/1-120 days " "

(8) Line Pressure: None PSIG from Daily Report

(5) Oil Production: No 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?

Was Determination Objected to? By Whom?

P.L.

12/01/2023

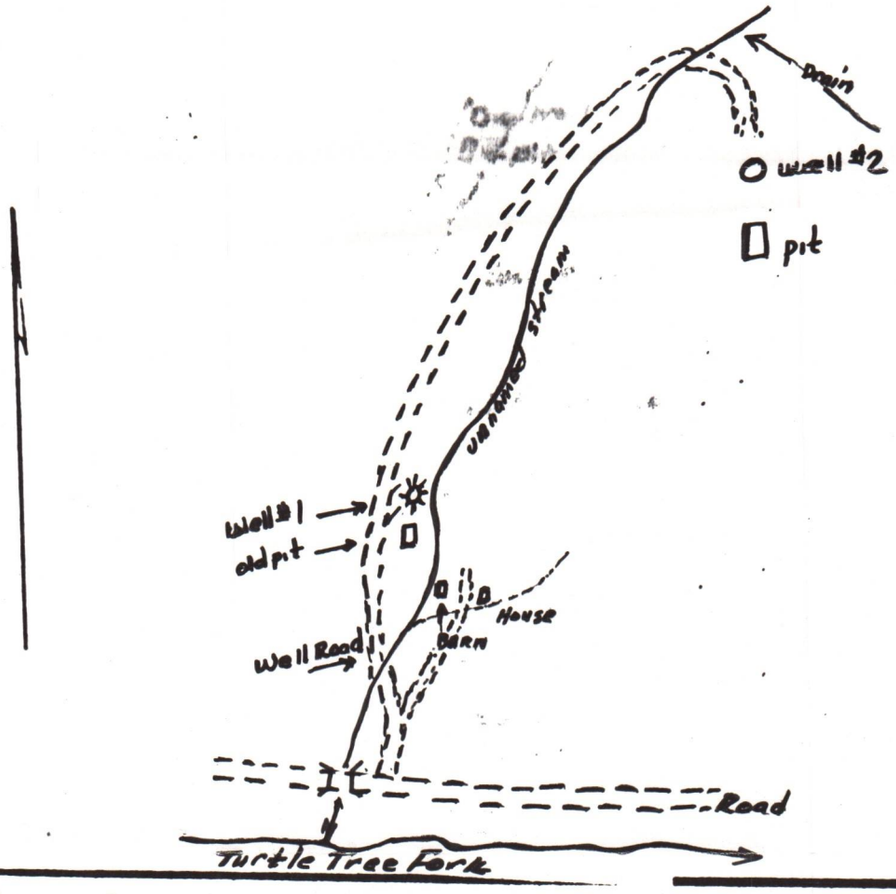
CLAMATION PLAN

WELL NO. PACE No. 2

ADRANGLE Big Isaac 7½'

SCALE Not to scale.

Locate and show (1) Well Location (2) Access Road (3) Well Site (4) Drilling t and (5) Necessary Drainage Features.



PANY NAME Pace Pipeline Company PERMIT NO. 47-033-2206

M Brohard Lease DISTRICT Tenmile COUNTY Harrison

TEMENT OF RECLAMATION PLAN:

Well road to be extended from No. 1 Well, staying on west side of stream and crossing same near head of hollow. Pits to be drained and filled. Any road banks to be sloped and seeded, all disturbed areas will be leveled and seeded after drilling areas are completed.

Not to scale; drawing of all roads, locations, ditches, drains, pits, silt traps, etc.

This plan was observed and agreed upon between the well operator, contractor, the district oil and gas inspector.

Please indicate (X) "YES" if the district inspector was present.

"I have read and understand the reclamation requirements as set forth in pter 22, Article 4, Section 12-b and will carry out the specified requirements."

mitted By: [signature] Title Engineer Date 10/22/78

FORM IV-54WC
[12-78]

Date November 19, 19 79

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

Operator's Well No. Brohard #2

API Well No. 47 - 033 - 2206
State County Permit

WELL CLASSIFICATION FORM

NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT J. W. SWEENEY

ADDRESS Box 126

Mannington, WV 26582

WELL OPERATOR PACE PIPE LINE COMPANY

ADDRESS P. O. BOX B

DELMONT, PENNA. 15626

LOCATION: Elevation 1292

Watershed Turtle Tree Fork

Dist. Union County Harrison Quad. Big Isaac 7½

GAS PURCHASER to be: Consol. Gas Supply Corp.

ADDRESS 445 W. Main St.

Clarksburg, WV 26301

Gas Purchase Contract No. None

Meter Chart Code N/A

Date of Contract N/A

* * * * * * * * * * * * * * * * * *

Date surface drilling was begun: 10/18/79

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

2100# by pressure gauge (5000# certified)

AFFIDAVIT

I, G. A. Snyder, 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.

G. A. Snyder

STATE OF WEST VIRGINIA,

COUNTY OF Harrison, TO WIT:

I, Edwin E. Davis, a Notary Public in and for the state and county aforesaid, do certify that G. A. Snyder, whose name is signed to the writing above, bearing date the 19 day of Nov, 1979, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 19 day of Nov, 1979.

My term of office expires on the 8 day of January, 1983.

[NOTARIAL SEAL]

Edwin E. Davis
Notary Public

12/01/2023

OG – 1
Rev. – 71

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
OCT 3 1979
OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE Sept. 28, 1979

Surface Owner James Matthey et al
Address Bristol, WV 26332
Mineral Owner G. W. Brohard Heirs
Address R#2, Bristol, WV 26332
Coal Owner Consolidation Coal Co.
Address Morgantown, WV
Coal Operator None
Address

Company Pace Pipe Line Company
Address Drawer B, Delmont, Pa. 15626
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District Union County Harrison
Quadrangle Big Isaac 7½

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 6-3-80.

Robert L. [illegible]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett
ADDRESS Clarksburg, W.Va.
PHONE 622-3871

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated August 1896 19___ by G. W. Brohard made to South Penn Oil and recorded on the ___ day of ___ 19___, in Harrison County, Book 92 Page 46

x NEW WELL ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE
___ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address ___ day ___ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, PACE PIPE LINE COMPANY
(Sign Name) B. A. Snyder - pres.
Well Operator

Address of Well Operator
P. O. BOX B
Street
DELMONT, PENNA.
City or Town
State

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

12/01/2023

*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

47-033-2206
PERMIT NUMBER

(Formerly: HAR-2024)

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE

DRILLING CONTRACTOR: (If Known)
NAME _____
ADDRESS _____
TELEPHONE _____

RESPONSIBLE AGENT:
NAME James W. Sweeney
ADDRESS Box 126, Mannington, WV
TELEPHONE 304-986-1432

ESTIMATED DEPTH OF COMPLETED WELL: 5500 ROTARY XX CABLE TOOLS ___

PROPOSED GEOLOGICAL FORMATION: _____

TYPE OF WELL: OIL _____ GAS XX COMB. _____ STORAGE _____ DISPOSAL
RECYCLING _____ WATER FLOOD _____ OTHER

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8 2000'		2000'	to surface
7			
5 ½			
4 ½ 5500'			200'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 20 FEET _____ SALT WATER _____ FEET _____
APPROXIMATE COAL DEPTHS _____ 640' _____, _____
IS COAL BEING MINED IN THE AREA? _____ No _____ BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, $100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for Consolidation Coal Company, ~~Owner~~ Lessor or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the Consolidation Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

12/01/2023

Donald D. Born
For Coal Company

Senior Mining Engineer
Official Title