

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
Tel. 304-296-4461



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
NOV 28 1973-CEN

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 November 27, 1973

Surface Owner Roy Harworth

Company Consolidated Gas Supply Corporation

Address 318 Richwood Ave, Morgantown, W.Va.

Address Clarksburg, W. Va.

Mineral Owner Same

Farm Deckers Creek Sand Co. Acres 28.236

Address _____

Location (waters) Deckers Creek/Monongahela River

Coal Owner None

Well No. 11699 Elevation 2069'

Address _____

District Morgan County Monongalia

Coal Operator No coal

Quadrangle MORGANTOWN

Address _____

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 3-29-74.

INSPECTOR TO BE NOTIFIED Mr. Wm. Blower
Box 1028 PH: Fairmont
Calfax 363-9105
WV. 26566

Deputy Director - Oil & Gas Division

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 3-11-64 1964 by Deckers Creek Sand Co. made to Hope Natural Gas Co. and recorded on the 15th day of April 1964, in Monongalia County, Book 622 Page 203

XXXX 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.

In compliance with Conservation Commission Rule 3:04B offset wells within 1 mile are owned by Consolidated Gas Supply Corporation on a unit spacing of over 3000' between wells.

Address of Well Operator

Very truly yours,
(Sign Name) R.C. Payne Manager of Prod. Well Operator

Consolidated Gas Supply Corporation
Street
445 West Main Street
City or Town
Clarksburg, W. Va.
State

11/24/2023

*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

Mon-336 PERMIT NUMBER
47-061

**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) _____ RESPONSIBLE AGENT: _____
 NAME Lohmann Johnson Drilling Co. NAME R. E. Bayne
 ADDRESS Charleston, W. Va. ADDRESS Bridgeport, W. Va.
 TELEPHONE - - TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 8250' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Oriskany
 TYPE OF WELL: OIL _____ GAS XXX 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 X	30'	30'	To surface
20 X 10"	1000'	1000'	To surface
8 - 5/8			
7	8260'	8260'	250 bags
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 120' FEET _____ SALT WATER None FEET _____
 APPROXIMATE COAL DEPTHS None _____
 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 _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ 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. 11/24/2023

For Coal Company

Official Title

11/24/2023



RECEIVED

CERTIFICATE OF CONSENT AND EASEMENT

OIL & GAS DIVISION
DEPT. OF MINES

We, the undersigned, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, being all the owners of the surface of that certain lot, tract or parcel of land located in Morgan District, Monongalia County, State of West Virginia, shown on the attached plat or survey, do hereby consent and grant an easement, pursuant to West Virginia Code, Section 22-4A-7(b)(4) and Operating Rule 3.04 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, to Consolidated Gas Supply Corporation, its successors or assigns, for the drilling and operation of a deep well for the production of oil or gas at the location shown on the attached plat or survey.

Executed this the 15th day of November, 1973.

RC Smith

Roy Harworth

STATE OF WEST VIRGINIA,

COUNTY OF Monongalia, to-wit:

I, Robert C. Smith, a notary public of ^{State} said County, do certify that Roy Harworth, indowner

whose names ^{is} are signed to the writing above bearing date the 15th day of November, 1973, ^{has} have this day acknowledged the same before me in my said County.

Given under my hand this 15th day of November, 1973.

Robert C. Smith
Notary Public *in and for*
the State of West Virginia 11/24/2023

My commission expires:
Nov. 1, 1983



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION

MEMORANDUM

TO: Mr. Robert L. Dodd, Deputy Director
Oil and Gas Division

DATE: November 28, 1973

FROM: Thomas E. Huzzey
Commissioner

SUBJECT: Consolidated Gas Supply Corporation
Deckers Creek Sand Company, Monongalia County, West Virginia

The application includes a plat at a scale of 1" = 1600 feet, showing the well to be in excess of 400 feet from the nearest unit boundary and an inspection of the Department of Mines map shows no Oriskany wells within 3000 feet of this location.

A certified copy of the consent and easement from the surface owners is included with the application; therefore the Oil and Gas Conservation Commission recommends issuing the permit.

Please furnish this office the API number assigned to this well.

TEH

TEH/gd

P.S. No statement of the location of offset deep wells was included with this application.

11/24/2023



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DEC 6 1974
OIL & GAS DIVISION
DEPT. OF MINES

47-061-0336

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

WELL RECORD

Quadrangle Morgantown

Permit No. Mon-336

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

Company Consolidated Gas Supply Corp.
Address Clarksburg, WV
Farm Deckers Creek Sand Acres 28
Location (waters) Deckers Ck.-Monongahela
Well No. 11699 Elev. 2069
District Morgan County Monongalia
The surface of tract is owned in fee by _____
Roy Harworth
Address Morgantown, WV
Mineral rights are owned by Same
Address _____
Drilling Commenced 12-15-73
Drilling Completed 1-14-74
Initial open flow _____ cu. ft. _____ bbls.
Final production 2000 M cu. ft. per day _____ bbls.
Well open 14 days ~~hrs.~~ before test 3550# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13 3/8"	25'	25'	To Surface
9 5/8			
8 5/8	1116'	1116'	450 SKS
7			
5 1/2			
4 1/2	8282'	8282'	285 SKS
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Fractured 5-21-74 with 2000 gal. 20% HCL, 1500 bbls. of 5% HCL plus additives, 50,000# (20-40) 1500 hulls, 25 perf. balls.
Perforations: 8008-14, 8020-31, 8054-66, 8073-76, 8080-90, 49 holes

Coal was encountered at None Feet _____ Inches _____
Fresh water None Feet _____ Salt Water _____ Feet _____
Producing Sand Chert Depth 8008-8090

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			0	300		
Shale			300	398		
Lime & Shale			398	517		
Lime			517	660		
Sand & Shale			660	1015		
Shale			1015	1155		
Shale & Lime			1155	1700		
Sand & Shale			1700	1875		
Lime & Shale			1875	2300		
Sandy Shale			2300	2750		
Lime & Shale			2750	3200		
Shale			3200	3500		
Lime & Shale			3500	5530		
Shale			5530	5701		
Lime & Shale			5701	7075		
Shale			7075	7477		
Tully			7477	7568		
Shale			7568	7884		
Lime & Shale			7884	8009		
Chert			8009	8200		
Oriskany			8200	8226		
Sand			8226	8344		
Total Depth				8344		K.B.

11/24/2023

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
<u>Electric Log</u>						
Big Lime			672	914		
Benson			4523	4534		
Tully			7470	7608		
Onondaga			7987	8003		
Chert			8003	8201		
Oriskany			8201			
Total Depth				8327		
<p style="text-align: right; color: red; font-weight: bold;">11/24/2023</p>						

K. B. Measurement 17' above G. L.

Date December 5, 19 74

APPROVED Consolidated Gas Supply Corp. Owner

By J. E. Payne Mgr. of Prod.
(Title)

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

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DEC 21 1973

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. MON-336

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Consolidated Gas Supply Co. Inc.</u>	Size			
Address <u>CHARLESBURG</u>	16			Kind of Packer
Farm <u>DECKERS CREEK SAND CO.</u>	13	<u>22'</u>		
Well No. <u>11699</u>	10	<u>9 5/8</u>	<u>1155'</u>	<u>CT.S. 400 SKS CEMENT</u>
District <u>MONONGA</u> County <u>MONONGALIA</u>	8 1/4			Size of
Drilling commenced _____	6 5/8			Depth set
Drilling completed _____ Total depth <u>1425'</u>	5 3/16			Perf. top
Date shot _____ Depth of shot _____	3			Perf. bottom
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. bottom
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 <u>12'</u> FEET _____ INCHES _____			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks:

Contractor: Bowman-Johnson

DECEMBER 18, 1973
DATE

William J. Blosser
DISTRICT WELL INSPECTOR
11/24/2023

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

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JAN 21 1974

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. Mon-336

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Consolidated-Gas Supply Corp.</u>	Size			
Address <u>CLARKSBURG -</u>	16			Kind of Packer _____
Farm <u>DECKERS-CREEK-SAND CO.</u>	13			
Well No. <u>11699</u>	10			Size of _____
District <u>MORGAN</u> County <u>Monongalia</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth <u>8344'</u>	5 3/16			
Date shot _____ Depth of shot _____	3 1/2	<u>8277'</u>		Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water <u>NONE</u> feet _____ feet	COAL WAS ENCOUNTERED AT <u>12'</u> FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES FEET _____ INCHES			
	_____ FEET _____ INCHES FEET _____ INCHES			

Drillers' Names _____

Remarks: _____

Contractor. Bowman-Johnson. Rotary

January-17, 1974
DATE

William J. Blawie
DISTRICT WELL INSPECTOR
11/24/2023

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

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AUG 9 1976

OIL & GAS DIVISION
DEPT. OF MINES

Status Report
INSPECTOR'S WELL REPORT

Permit No. MAN-336

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Consolidated Gas Supply Corp.</u>	Size			
<u>Charksburg, West Virginia</u>	16			Kind of Packer _____
<u>Deekers Creek Sand Co.</u>	13			
Well No. <u>11699</u>	10			Size of _____
District <u>Morgan</u> County <u>Morgan, W. Va.</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Acc. by Robert Pader & Floyd Postelwait - Consol. Gas. Rep.

Remarks: Area crossed over. Good shape.
No. 2. 0. on well.
Road to well in good shape.
Obstruction box on well ^{location} - Good shape.

August 5 1976
DATE

William J. Blaine
DISTRICT WELL INSPECTOR

11/24/2023

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 _____	Size			
Address _____	16			Kind of Packer _____
Farm _____	13			
Well No. _____	10			Size of _____
District _____ County _____	8 1/4			
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
				Perf. bottom _____
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: _____

DATE

11/24/2023

DISTRICT WELL INSPECTOR



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

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SEP 4 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
July 25, 1984

COMPANY Consolidated Gas Trans. Corp.

PERMIT NO 061-0336 (11-29-73)

445 West Main Street

FARM & WELL NO Deckers Creek Sand Co.
#11699

Clarksburg, West Virginia 26301

DIST. & COUNTY Morgan/Monongalia

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 *Donald R. Miller*

DATE 8-27-84

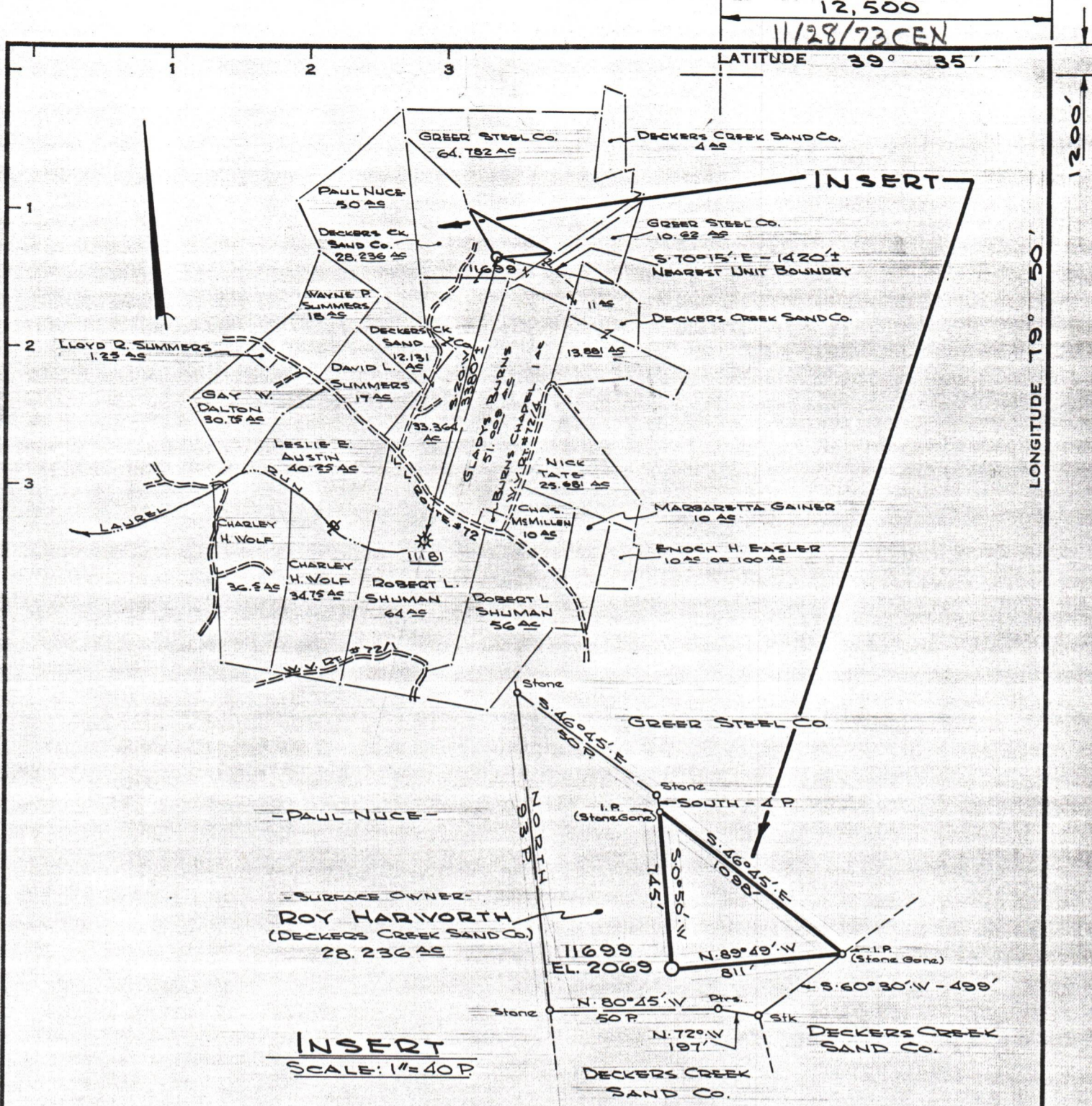
Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

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

October 9, 1984

DATE

TMS/chm



Minimum Error of Closure 1' IN 200'
 Source of Elevation B.M. = CHISELED "D" IN N.E. END OF CONCRETE TILE CULVERT. - ELEV. 2046' - MORGANTOWN SOUTH - 7 1/2 TOPO.
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

- New Location
- Drill Deeper
- Abandonment

FARMER "A" UNIT - 640 AC
 MAP SHEET 932, SQUARES C-6 F.B. 1647, Pg. 17-20

Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, WEST VIRGINIA
 Farm DECKERS CREEK SAND COMPANY
 Tract _____ Acres 28.236 Lease No. 73181
 Well (Farm) No. _____ Serial No. 11699
 Elevation (Spirit Level) 2069'
 Quadrangle MORGANTOWN S.C.
 County MONONGALIA District MORGAN
 Engineer Jackson M. Lewis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 14-NOVEMBER-73 Scale 1" = 1600'

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

WELL LOCATION MAP
 FILE NO. 7701-336 11/24/2023

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 — Denotes one inch spaces on border line of original tracing. 47-061