



1) Date: May 1, 19 83
 2) Operator's Well No. One
 3) API Well No. 47 085 6454
 State WV County Putnam Permit 1000

DRILLING CONTRACTOR:

Ullman Drilling
McComelsville, Ohio

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 988 Watershed: Leatherbark
 District: Murphy County: Ritchie Quadrangle: Smithville
- 6) WELL OPERATOR Nashville Associates, Inc. 11) DESIGNATED AGENT B. K. Page
 Address 214 8th Street Address 214 8th Street
Parkersburg, WV 26101 Parkersburg, WV 26101
- 7) OIL & GAS ROYALTY OWNER Lutrell Stanley 12) COAL OPERATOR None
 Address Smithville, WV Address _____
- 8) SURFACE OWNER Lutrell Stanley 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Smithville, WV Name None
 Acreage 90 acres Address _____
 Name _____
- 9) FIELD SALE (IF MADE) TO:
 Address Consolidated Gas Supply Corp.
Clarksburg, WV 26301
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Sam Hershman
 Address Smithville, WV
- 15) PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Berea
- 17) Estimated depth of completed well, 2450 feet
- 18) Approximate water strata depths: Fresh, 298 feet; salt, 1450 feet.
- 19) Approximate coal seam depths: None Is coal being mined in the area? Yes / No

RECEIVED
 MAY 3 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

20) 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	7"	H-40	17#	X		325'	325'	Surface	Kinds <u>NEAT</u>
Fresh water	298'								
Coal	None								Sizes _____
Intermediate									
Production	TD						2,450	800'	Depths set <u>0298 229</u> <u>by Rule 15-01</u>
Tubing	?								Perforations: _____
Liners	No								Top _____ Bottom _____

21) 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.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing 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.

23) Required Copies (See reverse side.)

24) 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 of Mines at Charleston, West Virginia.

Notary: Katherine J. DeLong
 My Commission Expires 10-12-92

Signed: BK Page
 Its: Agent

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-085-6454 Date May 11 1983
04/26/2024

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. 10) 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.)

Permit expires January 11, 1984

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

Bond: <u>BB</u>	Agent: <u>lo</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>665</u>
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Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where 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.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) 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 dwelling within 200 feet of the proposed well.
- 24) **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.**

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.

WAIVER

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.

Date: _____, 19 _____

By _____
Its _____

04/26/2024



IV-9
(Rev 8-81)

DATE 18 APRIL, 1983
WELL NO. STANLEY #1
API NO. 47 - 085 - 8454

State of West Virginia
Department of Mines
Oil and Gas Division
Construction & Reclamation Plan

COMPANY NAME NASHVILLE ASSOCIATES, INC.
ADDRESS POST OFFICE BOX 267
PARKERSBURG, W.VA. 26102-0267
Telephone (304) 485-7971

DESIGNATED AGENT B.K. PAGE
ADDRESS 214 8TH STREET
PARKERSBURG, W.VA. 26101
Telephone (304) 428-5077

LANDOWNER LUTRELL STANLEY

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by B.K. PAGE (Agent)

This plan has been reviewed by _____ SCD. All corrections and additions become a part of this plan:

(Date)

(SCD Agent)

ACCESS ROAD		LOCATION	
Structure _____	(A)	Structure <u>DIVERSION DITCH</u>	(1)
Spacing _____		Material <u>SOIL</u>	
Page Ref. Manual _____		Page Ref. Manual <u>2:12</u>	
Structure _____	(B)	Structure <u>RIP-RAP</u>	(2)
Spacing _____		Material <u>STONE & HAY BALES</u>	
Page Ref. Manual _____		Page Ref. Manual <u>2:9</u>	
Structure _____	(C)	Structure _____	(3)
Spacing _____		Material _____	
Page Ref. Manual _____		Page Ref. Manual _____	

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OIL & GAS DIVISION
DEPT. OF MINES

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

Lime _____ Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch HAY OR STRAW 2 Tons/acre

Seed* ORCHARD GRASS 12 lbs/acre
LADINO CLOVER 3 lbs/acre
TIMOTHY 6 lbs/acre
BIRDSFOOT TREFOIL 10 lbs/acre

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch HAY OR STRAW 2 Tons/acre

Seed* ORCHARD GRASS 12 lbs/acre
LADINO CLOVER 3 lbs/acre
TIMOTHY 6 lbs/acre
BIRDSFOOT TREFOIL 10 lbs/acre

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

04/26/2024

PLAN PREPARED BY WILLIAM R. MOSSOR, L.L.S.

ADDRESS 106 NORTH SPRING STREET

HARRISVILLE, W.VA. 26362

PHONE NO. (304) 643-4572

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

OIL AND GAS LEASE

AGREEMENT, made and entered into this 5th day of April A. D. 1983
by and between LUTRELL STANLEY & LINDA W. STANLEY HIS WIFE

of _____ party of the first part, hereinafter called Lessor (whether one or more),
and NASHVILLE ASSOCIATES INC party of the second part, hereinafter called Lessee;

1. WITNESSETH: That the Lessor, in consideration of the sum of One Dollar, the receipt of which is hereby acknowledged, and the covenants and agreements hereinafter contained, does hereby grant unto the Lessee all of the oil and gas and all of the constituents of either in and under the land hereinafter described, together with the exclusive right to drill for, produce and market oil and gas and their constituents and of storing gas of any kind in any formation underlying the land, and also the right to enter thereon at all times for the purpose of drilling and operating for oil, gas and water, laying pipe lines, erecting tanks, machinery, powers and structures, and to possess, use, and occupy so much of said premises as is necessary and convenient for said purposes and to convey

the above named products therefrom or thereto by pipe lines or otherwise; said land being situate in MURPHY District, County of RITCHIE, State of W. VA., and described as follows, to-wit: Bounded on the

NORTH by lands of W.V. PUMP CO.
EAST by lands of W.V. PUMP CO & W.A. WILSON
SOUTH by lands of W.V. PUMP CO.
WEST by lands of Bill HELMAN.

Containing 90 acres, more or less and being the same land conveyed to lessor by _____ by deed dated _____ and

recorded in said county records in W.B. 12 Book No. 12 Page 605

2. It is agreed that this lease shall remain in force for a primary term of 3 MONTHS years from this date and as long thereafter as operations for oil or gas are being conducted on the premises, or oil or gas is found in paying quantities thereon, ~~or any formation underlying the herein leased land is used for storage of gas as provided under paragraph 7 hereof.~~

3. The Lessee shall deliver to the credit of the Lessor free of cost, in the pipe line to which he may connect his wells, the equal one-eighth ($\frac{1}{8}$) part of all oil produced and saved from the leased premises, and shall pay Lessor

1/8 part of the gross proceeds
for all gas and casing head gas produced and sold from the premises, payable monthly; provided, Lessee shall pay Lessor a royalty at the rate of Fifty Dollars per year on each gas well while, through lack of market, gas therefrom is not sold or used off the premises, and while said royalty is so paid said well shall be held to be a paying well under paragraph 2 hereof.

4. The Lessee shall commence operations for a well on the premises on or before July - 5, 1983, unless Lessee pays thereafter a rental of NONE for each NONE months that operations are delayed from the time above mentioned. The consideration first recited herein, the down payment, shall cover not only the privilege granted to the date when first said rental is payable as aforesaid, but also the Lessee's option of extending that period as aforesaid, and any and all other rights conferred. The drilling of a non-productive well shall be accepted by the Lessor in lieu of delay rental for a period of one year after its completion, and following the exhaustion or abandonment of all wells the Lessee shall have the right for a period of one year to resume the payment of delay rental or commence operations for another well. Upon the resumption of payment of rentals the provisions hereof governing such payment and the effect thereof shall continue in force as though they had not been interrupted.

5. All moneys coming due hereunder shall be paid or tendered to LUTRELL STANLEY -
direct, or by check payable to his (or her) order mailed to Box 22 Smithville, W. Va. 26178, and no default shall be declared against the Lessee by the Lessor for failure of the Lessee to make any payment or perform any conditions provided for herein unless the Lessee shall refuse or neglect to pay or perform the same for ten days after having received written notice by registered mail from the Lessor of his intention to declare such default.

6. Lessor reserves 200,000 cubic feet of gas per annum for domestic use, to be taken through his own appliances at any producing gas well, and agrees to pay Lessee a fair domestic rate for any gas used in excess thereof. Lessor further covenants and agrees that his taking and use of gas shall be wholly at his own risk, the Lessee not to be held liable for any accident or damage caused thereby, nor shall Lessee be liable for any shortage or failure in the supply of gas for said domestic use.

~~7. Lessee shall have the right to use any formation underlying the leased premises for the storage of gas and shall have all rights and means of way necessary to store and produce such stored gas. As full payment for such storage rights, the Lessee shall pay to the Lessor a rental at the rate of _____ per acre per year, while the premises are so used, and so long as the storage payment is made, all provisions of this lease shall remain in full effect.~~

8. Lessor further grants to the Lessee, his heirs and assigns, the right to unitize this lease with other leases to form a drilling unit or units according to the rules and regulations which may be adopted for the proper development and conservation of the field. In the event this lease is so unitized, the Lessor agrees to accept, in lieu of the royalty hereinbefore recited, such proportion of the royalty above provided, as the acreage covered by this lease bears to the total acreage comprising the unit.

9. If said Lessor owns a less interest in the above described land than the undivided fee simple estate therein, then the royalties and rentals herein provided shall be paid the Lessor only in the proportion which his interest bears to the whole and undivided fee.

10. No well may be drilled nearer than 200 feet to the house or barn now on said premises without the written consent of Lessor. Lessee shall have and enjoy all rights and privileges necessary and convenient for the proper use and development of this lease, and shall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from wells of Lessor. Lessee shall also have the right at any time to remove all or any part of the machinery, fixtures or structures placed on said premises, including the right to draw and remove casing. Lessee shall pay for damages caused by its operations to growing crops on said lands, and, when requested by Lessor, shall bury its pipe lines below plow depth.

11. The interest or estate of either party hereto may be assigned, the privilege of assigning in whole or in part being expressly allowed. In event this lease shall be assigned as to any part or parts of the above described land and the assignee or assignees of such part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate to defeat or affect this lease insofar as it covers a part or parts of said land upon which the said Lessee or any assignee thereof shall make due payment of said rental. No change of ownership in the land or in the rentals or royalties shall be binding on the Lessee until after notice to the Lessee and it has been furnished with a written transfer or assignment or a certified copy thereof.

12. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for cancellation, after which all payments and liabilities hereunder thereafter shall cease and determine, and if the whole is surrendered, then this lease shall become absolutely null and void. This surrender may be made to the Lessor, or if more than one Lessor, then to any one of them, or to the heirs or assigns of any one of them by delivery of a duly executed surrender thereof in person or by mail addressed to the post office address of such person, or by recording a duly executed surrender thereof in the 04/26/2024 of the County in which the land is located.

13. Lessor ~~hereby warrants and agrees to defend the title to the land herein described~~ and agrees that the Lessee at its option may pay, discharge or redeem any taxes, mortgages, or other liens existing, levied, or assessed on or against the above described lands, and in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying any royalty or rentals accruing hereunder to the discharge of any such taxes, mortgages or other liens.

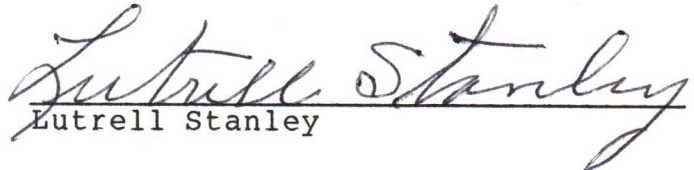
14. It is expressly agreed that if the Lessee shall commence drilling operations at any time while this lease is in force, it shall remain in force and its terms continue so long as such operations are prosecuted, and if production results therefrom, then as long as production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any cause, this lease shall not terminate provided Lessee resumes operations within sixty days from such cessation, and this lease shall remain in force during the prosecution of such operations, and, if production results therefrom, then as long as oil or gas is produced in paying quantities.

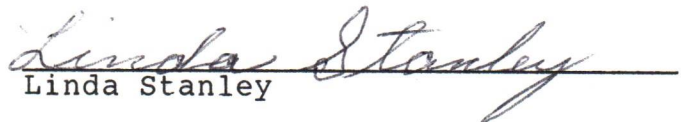
April 15, 1983

Bureau of Mines
Oil and Gas Division
1615 Washington Street East
Charleston, WV 25301

Gentlemen:

Please be advised that the undersigned waive the 15-day delay in obtaining a permit for the drilling of a well by Nashville Associates on a lease given by us to it.


Lutrell Stanley


Linda Stanley

7161A

04/26/2024



A Division of Halliburton Company
DUNCAN, OKLAHOMA 73536

BULK MATERIALS AND TICKET CONTINUATION

FOR INVOICE AND
TICKET NO. 578896

DATE 9-25-83	CUSTOMER ORDER NO.	WELL NO. AND FARM #1 Standley	COUNTY RETCHIE	STATE W. VA.
CHARGE TO Nashville Assoc.	OWNER Same	CONTRACTOR Swank Allman	No. B 271619	
MAILING ADDRESS P.O. Box 264	DELIVERED FROM RENO, Ohio	LOCATION CODE 10950	PREPARED BY Amas	
CITY & STATE PARKERSBURG, W.V. 26101	DELIVERED TO LOCATION	TRUCK NO. 50158	RECEIVED BY BEARDSLEY	

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
				80 cu. ft Poz. mix						
504-043				STANDARD Bulk Cement	40	SKS			5.77	230.80
506-105				Poz mix "A"	40	SKS			2.85	114.00
506-121				SKS Gel blended 23 Allman	1	SK			N/C	N/C
509-554				Halliburton Gel N/A	8	SK			9.25	174.00
509-510				Floccs N/A	50	LB			1.11	60.50

	Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES		
	SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET		
500-207	SERVICE CHARGE			80	.95	76.00
500-306	Mileage Charge	6,854 TOTAL WEIGHT	35 LOADED MILES	119.945 TON MILES	.70	83.97
No. B	271619	CARRY FORWARD TO INVOICE			SUB-TOTAL	578.77

04/26/2024

NR.A.

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FEB 5 - 1985



IV-35
(Rev 8-81)

OIL & GAS DIVISION

DEPT. OF MINES *State of West Virginia*

Department of Mines
Oil and Gas Division

Date December 3, 1984
Operator's
Well No. One
Farm L. Stanley
API No. 47-085-6454

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: 988 Watershed Leatherbark
District: Murphy County Ritchie Quadrangle Smithville

COMPANY Nashville Associates, Inc.
ADDRESS P. O. Box 48, Parkersburg, WV
DESIGNATED AGENT B. K. Page
ADDRESS 2915 College Parkway, Parkersburg
SURFACE OWNER L. Stanley
ADDRESS Box 22, Smithville, WV 26178
MINERAL RIGHTS OWNER L. Stanley
ADDRESS Box 22, Smithville, WV 26178
OIL AND GAS INSPECTOR FOR THIS WORK Sam Hershman
ADDRESS Smithville, WV
PERMIT ISSUED 5-1-83
DRILLING COMMENCED 9-20-83
DRILLING COMPLETED 9-25-83

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	325'	325'	Surface
5 1/2			
4 1/2	2156'	2156'	800'
3			
2	2060'	2060'	
Liners used			

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

GEOLOGICAL TARGET FORMATION Injun Depth 2196 feet
Depth of completed well 2156 feet Rotary / Cable Tools _____
Water strata depth: Fresh 298' feet; Salt _____ feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Injun Pay zone depth 2010-2040 feet
Gas: Initial open flow show Mcf/d Oil: Initial open flow show Bbl/d
Final open flow 30,000 Mcf/d Final open flow 3 Bbl/d
Time of open flow between initial and final tests 72 hours
Static rock pressure 385 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
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)

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

Four 9/16 holes 2066' to 2076'

Fractured with 1250 bbls click wtr

04/26/2024

30,000 # sand

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
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(Attach separate sheets as necessary)

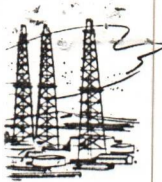
Nashville Associates, Inc.
Well Operator

By:

Date: December 3, 1984

DEPT. OF MINES
OFFICE OF THE DIRECTOR

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
... encountered in the drilling of a well."



ULLMAN DRILLING, INC.
51 N. Seventh Street
McConnsville, Ohio 43756

DRILLERS LOG

Elevation - 988

Rig No. 2
Date Well Started 9/20/83
Date Well Completed 9/25/83

Well Owner Nashville Assoc.
Lease L. Stanley
Well No. 1 Permit No. 6454

CASING RECORD

SURFACE				PRODUCTION			
Hole Size	<u>8 3/4</u>	Depth	<u>340</u>	Hole Size	<u>6 1/4</u>	Total Depth	<u>2196</u>
Casing Size	<u>7</u> inches	Weight	<u>17</u> lbs./ft.	Casing Size	<u>4 1/2</u> inches	Weight	<u>10.50</u> lbs./ft.
Mount	<u>326</u>	No. sacks of cement	<u>55</u>	Amount	<u>2156.ft</u>	No. sacks of cement	<u>80</u>

DATE	TIME-am/pm	DRILLER	DEPTH	FORMATION	COMMENTS
9/20	12:41	Ron	0-25	Top soil, sandstone & mixed shale	
	12:33	"	25-50	Sand, Red & gray shale	
	12:46	"	50-75	Red & gray shale	
	1:05	"	75-100	Sandstone	
	1:20	"	100-125	Gray shale	
		"	125-150	Sand & gray shale	
	2:35	"	150-175	Sand & red shale	
	3:03	"	175-200	Sand & gray shale	
	3:23	"	200-225	Sand, red & gray shale	
	3:52	"	225-250	Sand & gray shale	
	4:12	"	250-275	Sand, red. & gray shale - cement at 7:45	
	4:35	"	275-300	Sand	
	5:08	"	300-325	Sand & gray shale - 58' cmt. in pipe	
9/21	3:02am	Jack	325-350	Cmt. dk. gray shale & sandstone	
	3:31	"	350-375	Sandstone, gray & red shale	
	3:53	"	375-400	Red & gray shale	
	4:13	"	400-425	Sand & red shale	
	4:30	"	425-450	Gray shale	
	4:50	"	450-475	Sand & shale	
	5:25	"	475-500	Sand & gray shale	
	5:45	"	500-525	Red shale	
	6:10	"	525-550	Sand & gray shale	
	6:35	"	550-575	Gray shale	
	7:03	"	575-600	Gray shale, sand & red shale	7
	7:22	"	600-625	Red & gray shale	1
	7:51	"	625-650	Gray shale & sandstone	T
	8:15	Ron	650-675	Sand & gray shale	
	8:36	"	675-700	Sand, red & gray shale	
	8:51	"	700-725	Red & gray shale	6
	9:05	"	725-750	Red & gray shale	4
	9:26	"	750-775	Sand & gray shale	5
	9:50	"	775-800	Red shale	4
	10:11	"	800-825	Red shale & sand	
	10:35	"	825-850	Gray shale & sand	
	10:58	"	850-875	Gray shale & sand	
	11:23	"	875-900	Gray shale & sand	
	11:54	"	900-925	Sand	
	12:40	"	925-950	Sand & red shale	04/26/2024
	1:04	"	950-975	Red & gray shale	
	1:25	"	975-1000	Red & gray shale	
	1:46	"	1000-1025	Gray shale & sand	
	2:15	"	1025-1050	Gray shale & sand	
	2:40	"	1050-1075	Sand & gray shale	

DATE	TIME-am/pm	DRILLER	DEPTH	FORMATION	COMMENTS
9/21	3:16	Ron	1075-1100	Sand	1st sub
	3:53	"	1100-1125	Sand & gray shale	
	4:20	Pettet	1125-1150	Sand & gray shale	
	4:50	"	1150-1175	Sand	
	5:23	"	1175-1200	Sand & gray shale	
	5:50	"	1200-1225	Gray shale & sand	
	6:20	"	1225-1250	Gray shale & sand	
	6:43	"	1250-1275	Sand & gray shale	
	7:10	"	1275-1300	Gray shale & sand	
	7:43	"	1300-1325	Sand	
	8:12	"	1325-1350	Sand & gray shale	
	8:50	"	1350-1375	Gray shale & sand	
	9:40	"	1375-1400	Sand	
	10:22	"	1400-1425	Sand	
	11:00	"	1425-1450	Sand & gray shale - 10' samples, bag 1700	
	11:42	"	1450-1475	Gray shale & sand - 5' samples, bag 1950	
9/22	12:26am	Jack	1475-1500	Sandstone	Expect big injun sand 2000-2068
	1:09	"	1500-1525	Sandstone	Expect 2150 T.D.
	1:44	"	1525-1550	Sandstone & dk. sandy shale - 3' fuel 2:30 am	
	2:31	"	1550-1575	Dk. gray shale & sandstone	
	3:09	"	1575-1600	Sandstone, red & dk. gray shale	
	4:25	"	1600-1625	Sandstone	
	5:04	"	1625-1650	Sandstone & dk. gray shale	
	5:40	"	1650-1675	Sandy shale & dk. gray shale	
	6:40	"	1675-1700	Dk. gray shale & sand	
	7:41	"	1700-1725	Sand & gray shale	
	8:39	Ron	1725-1750	Sand & mixed shale	
	9:29	"	1750-1775	Sand & gray shale	2nd sub
	10:40	"	1775-1800	Sand & gray shale	
	11:59	"	1800-1825	Sand & gray shale	
	1:23	"	1825-1850	Sand & gray shale	
	2:50	"	1850-1875	Sand & gray shale	
	4:01	"	1875-1900	Sand & mixed shale	
	6:52	Pettet	1900-1925	Red shale & sand	
	8:35	"	1925-1950	Mixed shale & limestone	
9/23	12:10am	Jack	1950-1975	Limestone & gray shale	
	2:27	"	1975-2000	Limestone & gray shale	
	4:26	"	2000-2025	Limestone & gray, brn. shale, sand	
	5:57	"	2025-2050	Sand & gray shale	
	7:20	"	2050-2075	Sand & shale	
	8:31	Ron	2075-2100	Sand & mixed shale	
	9:24	"	2100-2125	Sand & mixed shale	
	11:25	"	2125-2150	Mixed shale	
	12:45	"	2150-2175	Mixed shale	
			2175-2200		2196 T.D.
			2200-2225		
			2225-2250		04/26/2024
			2250-2275		
			2275-2300		
			2300-2325		
			2325-2350		
			2350-2375		

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

RECEIVED

SEP 26 1983

INSPECTOR'S WELL REPORT

Permit No. 85-6454

OIL & GAS DIVISION
DEPT. OF MINES

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Nashville Associates Inc.</u>	Size			
Address _____	16			Kind of Packer _____
Farm <u>Stanley</u>	13			
Well No. <u>1</u>	10			Size of _____
District <u>Murphy</u> County <u>Ritchie</u>	8 1/4			
Drilling commenced <u>9-20-83</u>	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 <u>175'</u> feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Ron Rainer / Jack Nisel / Henry Pettiet

Remarks: Ullman Drilling Rig # 2 Tool Pusher Ed Haines

on 9-20-83 Ran 326 foot of 7" casing
Dowell ran 55 sacks cement

900 foot deep at visit

SALT WATER 775'

9-21-83

Samuel W. [Signature]
04/26/2024
DISTRICT WELL INSPECTOR

DATE

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

RECEIVED
SEP 26 1983

INSPECTOR'S WELL REPORT
OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 85-6454

Oil or Gas Well _____
(KIND)

Company Nashville Associates

Address _____

Farm Luttrell Stanley

Well No. 1

District Murphy County Ritchie

Drilling commenced 9-20-83

Drilling completed 9-23-83 Total depth 2198

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			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

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: T.D. Hole at 2198'
Rig moved off hole - But 4 1/2" casing is to be run today
with another rig

9-23-83
DATE

Samuel W. Hersman
DISTRICT WELL INSPECTOR

04/26/2024



RECEIVED

MAY 7 - 1985

OIL & GAS DIVISION
DEPT. OF MINES

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
February 13, 1985

COMPANY Nashville Associates, Inc.

PERMIT NO 085-6454

P. O. Box 264

FARM & WELL NO L. Stanley #1

Parkersburg, West Virginia 26101

DIST. & COUNTY Murphy/Ritchie

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 Samuel N. Hersman

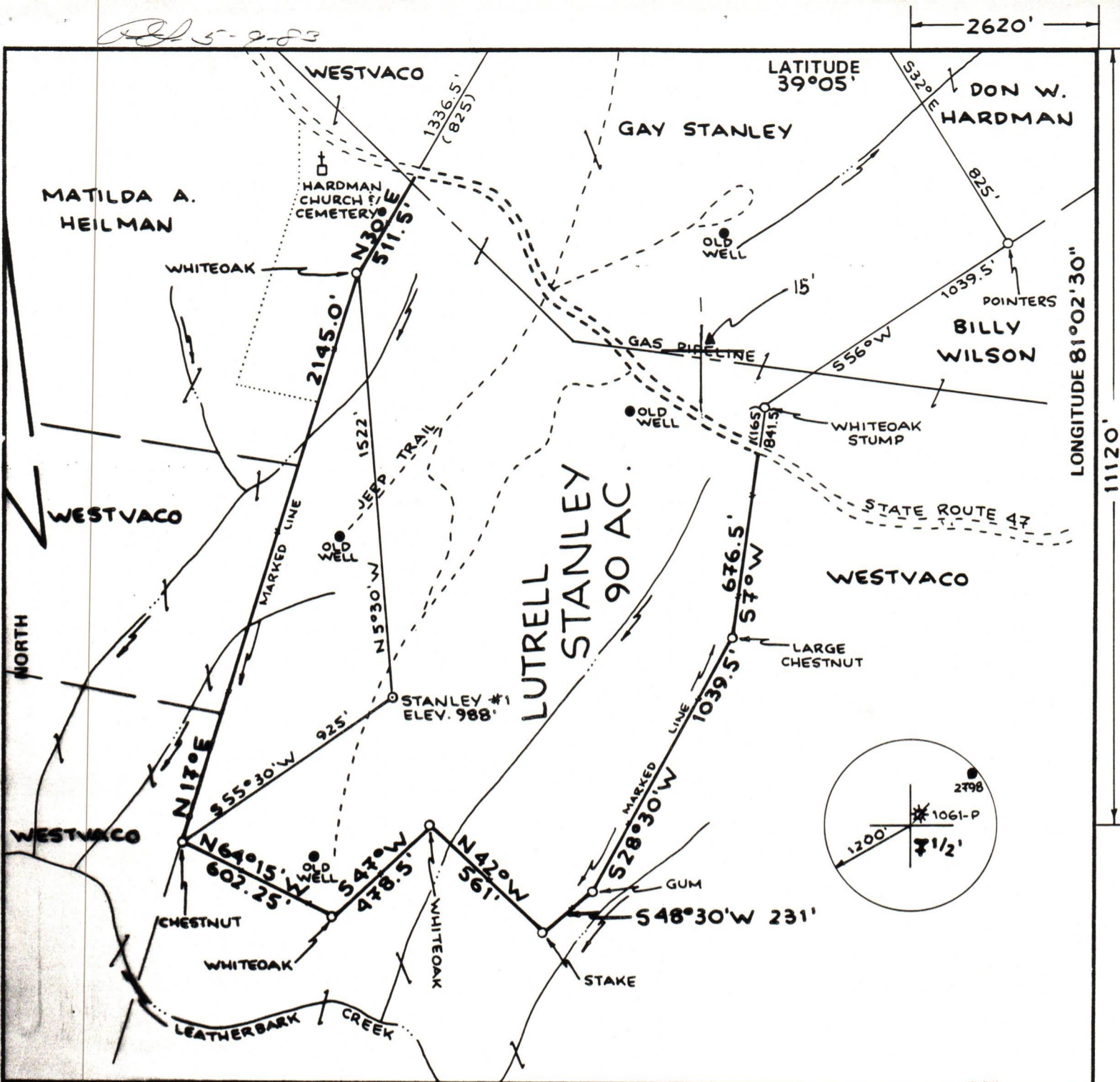
DATE 5-2-85

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-Oil & Gas Division

May 9, 1985
DATE

04/26/2024



FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD INT. ELEV. 980'

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) *William A. Shupe*
 R.P.E. _____ L.L.S. 551



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6 (8-78)



DATE 18 APRIL, 19 83
 OPERATOR'S WELL NO. STANLEY #1
 API WELL NO. _____
47 - 085 - 6454
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 988' WATER SHED LEATHERBARK CREEK
 DISTRICT MURPHY COUNTY RITCHIE
 QUADRANGLE SMITHVILLE 7 1/2' QUAD.

SURFACE OWNER LUTRELL STANLEY ACREAGE 90
 OIL & GAS ROYALTY OWNER LUTRELL STANLEY LEASE ACREAGE 90 04/26/2024
 LEASE NO. _____

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 BEREA ESTIMATED DEPTH 2450'
 WELL OPERATOR NASHVILLE ASSOCIATES, INC. DESIGNATED AGENT B.K. PAGE
 ADDRESS POST OFFICE BOX 267 ADDRESS 214 8TH STREET
PARKERSBURG, W.VA. 26102-0267 PARKERSBURG, W.VA. 26101



INVOICE

AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY

REMIT TO: DOWELL DIVISION
DOW CHEMICAL USA
P. O. BOX 360182
PITT, PA 15230

INVOICE DATE
09/20/83

698538
NASHVILLE ASSOCIATES INC
AGENCY ACCT
214 8TH STREET
PARKERSBURG WV 26101

PAGE
1

INVOICE NUMBER
01-12-2055

TYPE SERVICE
CEMENTING SURFACE/CONDUCTO

JOB SITE	STATE	COUNTY/CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
LOTTWELL STANLEY #1	WV	RITCHIE	GLENVILLE WV	DOWELL	VERBAL
JOB LOCATION			DATE OF SERVICE ORDER	AUTHORIZED BY	
LEATHERHARK			09/20/83	ED HAINES	

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION	UNIT PRICE	AMOUNT
059200001	22	MI	MILEAGE, EACH SERVICE TRUCK	2.15	47.30
044003025	25	LBS	D29, CELLOPHANE FLAKES	1.13	28.25
049102010	1	MIN	TRANSPORTATION CEMENT 104 MI	57.75	57.75
045014002	200	LBS	D20C, BENTONITE EXTENDER	.12	24.00
067005100	200	LBS	S1, DOWFLAKE CALCIUM CHLORIDE	.27	54.00
048000007	1	EA	CASING CMTR, 0-500 FT	440.00	440.00
049100000	59	CFT	SERVICE CHG CEMENT MATL LAND	.91	53.69
100823121	59	CFT	D915, STANDARD CEMENT	5.18	284.90
SUB-TOTAL --					989.89



PAID 10/21/83 #119
#116 VOID
VOID
PAID 10/5/83
#110

SE C	TAX EXEMPT	493.69	0.00
ME C	TAX EXEMPT	391.15	0.00

TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE

WITH QUESTIONS ABOUT YOUR ACCOUNT CALL 713-978-3251
OR WRITE TO DOWELL, CUSTOMER FINANCIAL SERVICES,
P. O. BOX 4378, HOUSTON, TEXAS 77210

PAY THIS AMOUNT

04/26/2024

76

FOOTING

AREA PA

1.32

3.04

PLATE 10

114
Est. 11
11.0

114
11.0
11.0