

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 _____ 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

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

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND REVEGETATION PLAN

OWNER NAME GENE STALNAKER INC

DESIGNATED AGENT GENE STALNAKER

Address P.O. BOX 178-220 W. MAIN ST

Address P.O. BOX 178-220 W. MAIN ST
GLENVILLE, W. Va. 26351

Telephone 462-5701

Telephone 462-5701

LANDOWNER JOHN W. CONRAD

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by GENE STALNAKER INC. (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 2-11-83

(Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD

LOCATION

Structure EARTHEN & STONE

(A) Structure DIVERSION DITCH (1)

Material ---

Material EARTHEN

Page Ref. Manual (2-14)

Page Ref. Manual 2-12

Structure DRAINAGE DITCH

(B) Structure ROCK-RIP RAP (2)

Material ---

Material ROCK

Page Ref. Manual (2-10)(6) 2-12

Page Ref. Manual (2-16)(C-4)

Structure CROSS DRAINS

(C) Structure Pit (3)

Material 2% every 250', 15% every 60', 20% every 45'

Material EARTHEN

Page Ref. Manual (2-1)(2-4)

Page Ref. Manual N/A

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and snags to be cut and removed from the site before dirt work begins.

RECEIVED

FEB 14 1983

REVEGETATION

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Treatment Area I

Treatment Area II

Lime 2 Tons/acre

Lime 2 Tons/acre

or correct to pH 6.5

or correct to pH 6.5

Fertilizer 600 lbs/acre

Fertilizer 600 lbs/acre

(10-20-20 or equivalent)

(10-20-20 or equivalent)

Mulch (HAY) --- Tons/acre

Mulch (HAY) --- Tons/acre

Seed* ANNUAL RYE GRASS 10 lbs/acre

Seed* ANNUAL RYE GRASS 10 lbs/acre

ORCHARD GRASS 10 lbs/acre

ORCHARD GRASS 04/26/2024 lbs/acre

LADINO CLOVER 3 lbs/acre

LADINO CLOVER 3 lbs/acre

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


MARK C. ECHARD


PLAN PREPARED BY STAR Rte #71 Box 6

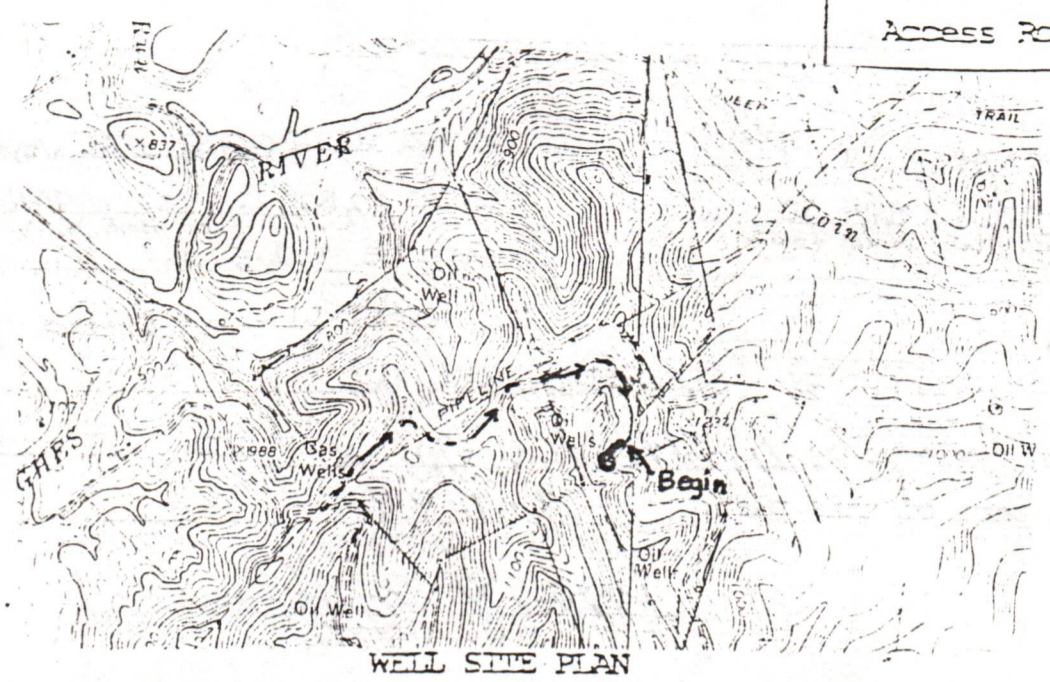
NOTES: Please request landowners' cooperation to protect new

ADDRESS GLENVILLE, W. Va. 26351

LEGEND


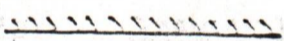
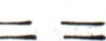

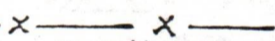





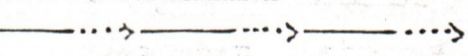
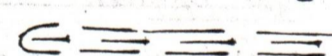
Well Site 

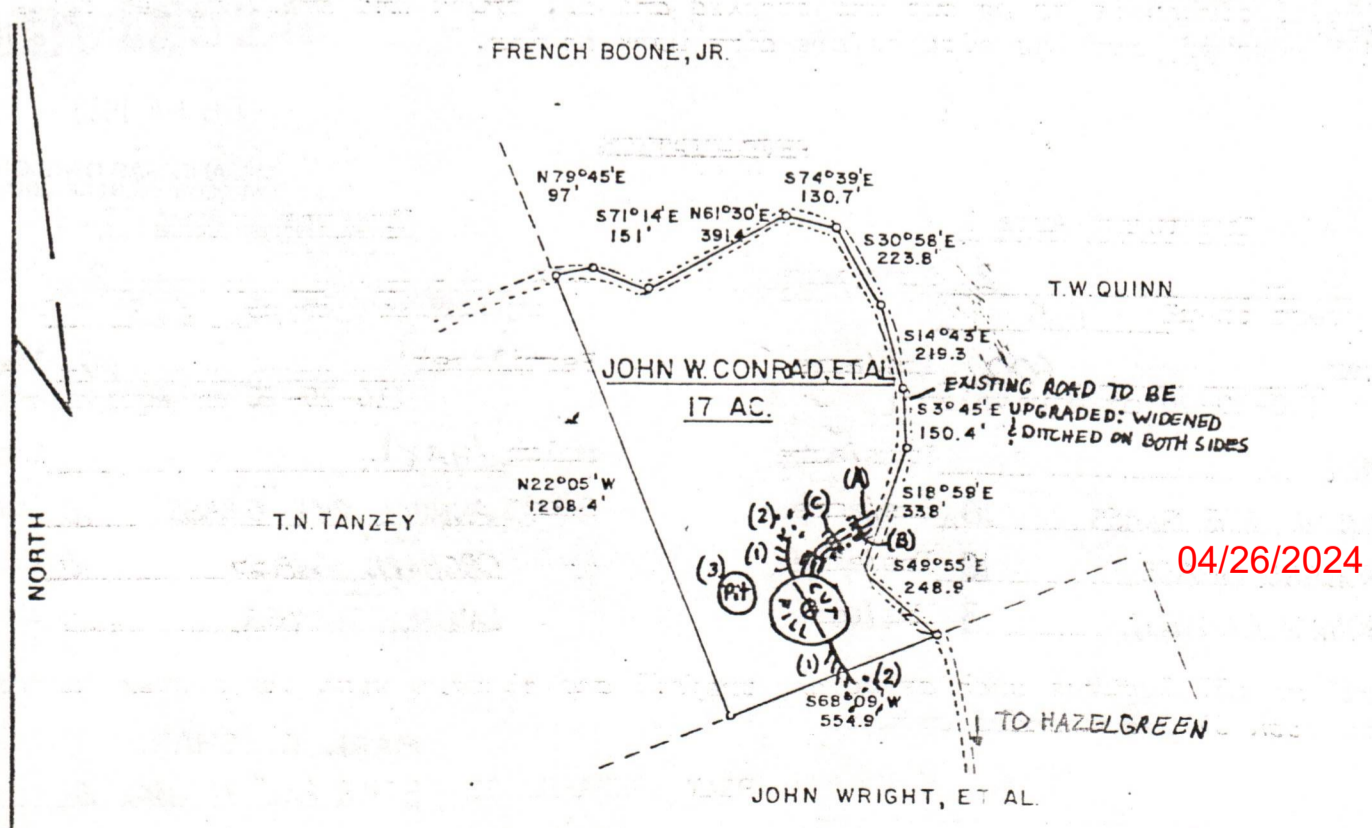
Access Road 



Sketch to include well location, existing access road, roads to be constructed, wellsite drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 





RECEIVED
SEP 16 1985
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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

This is to acknowledge that the wells listed on the reverse of this form are hereby transferred from Gene Stalnaker, Inc. (the transferor) to Subsurface Energy, Inc., 1967 Glamorgan St., Alliance, Oh. 44601 (the transferee).

The transferee by this document is accepting all responsibility for compliance with the provisions of Chapter 22 Article 4 of the West Virginia Code and all rules and regulations promulgated thereunder, for the listed wells.

The transferee's designated agent (name) Johnny Mike, (address) Rt. 3, Box 74C, Mannington, WV 26582, is on file with the Office of Oil and Gas.

The transferee has bonded the said wells by securities, cash, or surety (circle one) bond identified below by amount, effective date, issuing authority, and any identifying number. Surety Bond effective 05-25-84 issued through Transamerica Insurance Company in the amount of \$50,000.00 under Bond number 5632 3727.

(Transferee) Subsurface Energy, Inc.
By Phil Reid Phil Reid
Its President

Taken, subscribed and sworn to before me this 13th day of September 19 85
Notary Public [Signature]
My commission expires April 9 19 89

(Transferor) Gene Stalnaker, Inc.
By Gene Stalnaker
Its President

Taken, subscribed and sworn to before me this 5 day of April 19 85
Notary Public Barbara C. Smith
My commission expires November 9, 19 92

ACCEPTED THIS 22 DAY OF 10, 19 85
BY: [Signature] 04/26/2024
Director - Division of Oil and Gas

API (Permit) Number	Farm Name	Operator's Well Number
47 - 085- 6083 ✓	Burke-Morris	2B
47-073-1589 ✓	Casey	1
47-085-6195 ✓	W.H. Davis	1
47-085-6274 ✓	Ada Horn	1
47-017-3219 ✓	Matheny	1B
47-085-6716 ✓	Moats	2B
47-073-1552 ✓	Rinard-Heirs	2
47-085-6266 ✓	Robinson	1
47-085-5931 ✓	Swadley	2
47-085-5997 ✓	Swadley	3
47-085-6390 ✓	Weekley	1
47-085-6349 ✓	Pierce	1
47-085-6750 ✓	Snodgrass	1A

OIL AND GAS LEASE

AGREEMENT, made and entered into this 8th day of June A. D. 19 82

by and between John W. Conrad and June Conrad, his wife; George W. Conrad and Marla Conrad, his wife; Welby H. Conrad and Roberta Conrad, his wife; Morthy E. Conrad and Ranona Conrad, his wife; William L. Conrad and Rosemary Conrad, his wife and Wilbur R. Conrad and Martha Conrad, his wife

of the party of the first part, hereinafter called Lessor (whether one or more), and North Hills Investment Company 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 West Virginia, and described as follows, to-wit: Bounded on the

NORTH by lands of T. N. Tazey

EAST by lands of Thomas Quinn

SOUTH by lands of John Wright

WEST by lands of T. N. Tazey

containing Seventeen (17) acres, more or less and being the same land conveyed to lessor by

by deed dated and recorded in said county records in Book No. Page

2. It is agreed that this lease shall remain in force for a primary term of two (2) years from this date and as long hereafter 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 (1/8) part of all oil produced and saved from the leased premises, and shall pay Lessor The equal 1/8 part of all monies received for the sale of gas

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 1, 19 82, unless Lessee delays thereafter a rental of One Hundred Seventy for each twelve (12) 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 on the date when first said rental is payable as aforesaid, but also the Lessee's option of extending that period as aforesaid, 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 to resume the payment of delay rental or commence operations for another well. Upon the resumption of operations 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 Wilbur R. Conrad

in cash, or by check payable to his (or her) order mailed to RED #2, Harrisville, W. Va. 26362. 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 well, and agrees to pay Lessee a fair domestic rate for any gas used in excess thereof. Lessor further covenants and agrees that the 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, and the Lessee shall be liable for any shortage or failure in the supply of gas for said domestic use.

7. 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 Lessor is so using the premises for the purposes herein provided, and the Lessor shall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from the operations of Lessor. Lessee shall also have the right at any time to remove all or any part of the machinery, fixtures or structures located 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.

8. The interest or estate of either party hereto may be assigned, the privilege of assigning in whole or in part being expressly reserved. In event this lease shall be assigned as to any part or parts of the above described land and the assignee or assignees of a 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 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.

9. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for cancellation, 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 Recorder's office of the County in which the land is located.

10. 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.

11. 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.

04/26/2024

15. This lease embodies the entire contract and agreement between Lessor and Lessee, and no warranties, representations, promises or inducements not herein expressed have been made or relied upon by either party. The terms, conditions and stipulations hereof shall extend to the respective heirs, executors, administrators, successors and assigns of the parties hereto.

Witness the hands and seals of the parties hereto the day and year first above written.

WITNESS:

Carl Conrad
George Conrad
Wesley H. Conrad
Roberta Conrad
W. L. Conrad
Rosemary Conrad
Mr. Earl Conrad
Ramon M. Conrad

June Conrad (SEAL)
John Conrad (SEAL)
Wilbur R. Conrad (SEAL)
Martha W. Conrad (SEAL)

_____ (SEAL)

STATE OF Texas ~~WEST VIRGINIA~~ ACKNOWLEDGMENT

COUNTY OF Texas } To-wit:

I, PATRICK C. BRADY, a Notary Public of said County, do hereby certify that George Conrad, Wesley H. Conrad, Roberta Conrad, W. L. Conrad, Rosemary Conrad

whose name 5 signed to the within writing bearing date the 19 day of June, 1982

has 5 this day acknowledged the same before me in my said County. Given under my hand this 19 day of June, 1982

My Commission expires 1984 Patrick C. Brady Notary Public

STATE OF West Virginia ~~WEST VIRGINIA~~ ACKNOWLEDGMENT

COUNTY OF Marietta } To-wit:

I, Ellen L. Balyard, a Notary Public of said County, do hereby certify that Earl

whose name 5 signed to the within writing bearing date the 22 day of June, 1982

has 5 this day acknowledged the same before me in my said County. Given under my hand this 22 day of June, 1982

My Commission expires Apr. 2, 1936 Ellen L. Balyard Notary Public

OHIO ACKNOWLEDGMENT

STATE OF OHIO, } SS.
COUNTY OF Fairfield

Before me, a Notary Public in and for said county, personally appeared the above named June Conrad

and John W. Conrad who acknowledged that They did sign the foregoing instrument, and that the same is their free act and deed. In testimony

whereof I have hereunto subscribed my name at Bremen, Ohio, this 19th day of July, 1982.

My Commission expires ARVIN ADCOCK Notary Public, State of Ohio My Commission Expires June 8, 1983 Arvin Adcock Notary Public

04/26/2024

THIS ASSIGNMENT, made this 21st day of October, 1982, by and between CARROLL THOMPSON dba NORTH HILLS INVESTMENT COMPANY, a West Virginia General Partnership, whose address is Harrisville, West Virginia, hereinafter called ASSIGNOR and BIG A OIL, INC. a West Virginia Corporation, whose address is Parkersburg, West Virginia, hereinafter called ASSIGNEE.

W I T N E S S E T H :

That for and in consideration of the sum of Ten Dollars (\$10.00), cash in hand paid, and other good and valuable consideration, the receipt of all of which is hereby acknowledged, the ASSIGNOR does hereby sell, assign, grant and convey unto the said BIG A OIL, INC., its successors and assigns, subject to the terms, conditions and reservations herein contained, the following described oil and gas leases in Murphy District, Ritchie County, West Virginia, being more particularly described as follows:

That certain oil and gas lease from Dessie Hinkle to North Hills Investment Company dated January 16, 1982, and of record in the Office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book No. 141 at page 412 thereof; said tract being more particularly bounded and described as follows:

- On the North by lands of State Road
- On the East by lands of Merle Burwell
- On the South by lands of Tingler farm
- On the West by lands of Smith heirs

Hinkle

Containing 60 acres, more or less.

That certain oil and gas lease from John W. Conrad and June Conrad, his wife, et al., to North Hills Investment Company, of record in the aforesaid Clerk's office in Lease Book No. 147 at page 258 thereof; and that certain lease from Audrey Cunningham dated September 10, 1982, and of record in the aforesaid Clerk's office in Lease Book No. 148 at page 232 thereof. Said tract being bounded and described as follows:

- On the North by lands of T. N. Tanzey
- On the East by lands of Thomas Quinn
- On the South by lands of John Wright
- On the West by lands of T. N. Tanzey

Conrad

Containing 17 acres, more or less.

04/26/2024

Delivered: Karen Swadley 10/29/1982
SWADLEY
AT LAW
N STREET
VILLE,
IRGINIA
62
43-2650

This Assignment is made subject to all the royalty, terms, provisions and covenants set out and being a part of the original oil and gas leases described herein. This Assignment shall remain in force for a term of ninety (90) days from date hereof and as long thereafter as oil or gas or either of them is produced from the leasehold premises by the ASSIGNEE, its successors or assigns.

The ASSIGNOR reserves the right to enter upon any part of the 60 acre premises to explore for or to produce oil and gas in any geological formation below the depth of 6,000 feet. It is specifically understood that the ASSIGNOR herein may explore for or produce oil and/or gas in any geological formation below such depth without the participation of the ASSIGNEE, its successors or assigns. However, the ASSIGNEE, its successors or assigns shall have the first option to acquire said deep rights.

In the event the ASSIGNOR wishes to assign the deep rights reserved herein they shall first notify the ASSIGNEE in writing delivered by certified mail, the ASSIGNEE shall then have 15 days after receipt to accept the assignment on the terms and conditions proposed by the ASSIGNOR, if, the ASSIGNEE fails to accept the assignment within the 15 days so specified the ASSIGNOR may assign the deep rights as they see fit.

It is specifically understood and agreed for consideration of the premises herein, that the said ASSIGNEE will drill the well situate on the leasehold estate described herein through the Alexander Sands.

SAVING, EXCEPTING AND RESERVING unto the ASSIGNOR herein, free of cost, an overriding royalty interest of 10% of all (8/8) oil, gas or other hydrocarbons produced, saved and sold from the above described land. Such overriding royalty interest shall be free from all development, production, marketing and operating

04/26/2024

expenses and charges of any other nature; however, said interest shall bear and pay currently its share of gross production and/or pipeline taxes.

It is understood and agreed that the ASSIGNOR'S share of the overriding royalty interest paid for oil produced and sold from the premises shall be paid directly by the party contracting to purchase all such oil. In addition, it is understood and agreed that the ASSIGNEE shall provide the ASSIGNOR with a copy of the monthly statement provided to them, their heirs or assigns, by the company which purchases the gas from the said premises.

The ASSIGNEE, BIG A OIL, INC., further agrees to hold North Hills Investment Company harmless for any and all damages caused by its drilling, its production or its abandonment of all wells drilled on the lease and Leasehold Estate thereby created.

WITNESS the following signature and seal.

NORTH HILLS INVESTMENT COMPANY, a West Virginia General Partnership,

By Carroll Thompson (SEAL)
Carroll Thompson, a General Partner

STATE OF WEST VIRGINIA,
COUNTY OF RITCHIE, TO-WIT:

The foregoing instrument was acknowledged before me this 21st day of October, 1982, by CARROLL THOMPSON, a General Partner, on behalf of NORTH HILLS INVESTMENT COMPANY.

Karen Swadley
Notary Public, Ritchie County,
West Virginia

My Commission expires

October 13, 1991

This instrument was prepared by Karen Swadley, Attorney at Law,
210 East Main Street, Harrisville, West Virginia 26362.

04/26/2024

WADLEY
AT LAW
STREET
VILLE,
RGINIA
2
3-2650



IV-35
(Rev 8-81)

RECEIVED
FEE 8 - 1985

State of West Virginia
Department of Mines
Oil and Gas Division

Date January 29, 1985
Operator's
Well No. #1
Farm Ada Horn (Conrad)
API No. 47 - 085 - 6274

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

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

LOCATION: Elevation: 1012 Watershed Spruce Creek Branch
District: Murphy County Ritchie Quadrangle

COMPANY Subsurface Energy, Inc.
ADDRESS 1967 Glamorgan St. #B Alliance OH 44601
DESIGNATED AGENT Johnny Mike
ADDRESS Rt. 3 Box 74C Mannington, WV 26582
SURFACE OWNER John Conrad
ADDRESS
MINERAL RIGHTS OWNER Conrad Heirs
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK Samuel Hershman ADDRESS P.O. Box 66 Smithville, WV
PERMIT ISSUED February 14, 1983
DRILLING COMMENCED March 14, 1983
DRILLING COMPLETED March 25, 1983

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
11 3/4	40'		
9 5/8			
8 5/8	1133	1133	surface
7			
5 1/2			
4 1/2		5375	3000 fill up
3			
2			
Liners used			

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

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 5400 feet
Depth of completed well 5390 feet Rotary X / Cable Tools
Water strata depth: Fresh None feet; Salt None feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 4439-5788 feet
Gas: Initial open flow 973,000 Mcf/d Oil: Initial open flow show Bbl/d
Final open flow same Mcf/d Final open flow show Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 1200 psig (surface measurement) after 24 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.

Pump 1,000,000 SCF at 40,000 SCF/M - Drop 5 Balls at 350,000 + 5 at 700,000

P.F. Int. = 4439 5288 feet 19 holes

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Soil			0	20	Shaley Sand to Shale 3457-3831
Red Sand & Shale			20	360	Speechley 3831-3942
Sand			360	384	Sandy Shale-Shale 3942-4135
Shale and Sand lenses			384	802	Balltown 4135-4195
Red hd. Sand and Shale			802	1910	Shale-Sdy shale 4195-4450
Lime			1910	1968	First Riley 4450-4510
Kenner			1968	1995	Shale-Sdy shale 4510-4620
Injun			1995	2102	Second Riley 4620-4650
Shale, Sandy shale			2102	2331	Shale-Sdy shale 4650-4952
Squaw			2331	2338	Benson 4952-4972
Shale			2308	2392	Shale 4972-5002
Weir			2392	2331	Alexander 5002-5063
Silty Sand & Shale			2331	2588	Shale-Sdy Shale 5063-5390
Gantz			2588	2628	
Sandy Shale to Shale			2628	2844	
Gordon			2844	2862	
Sandy Shale to Shale			2862	2940	
5th Sand			2940	2962	
Sandy Shale to Shale			2962	3373	
Warren Sand			3373	3457	

(Attach separate sheets as necessary)

SUBSURFACE ENERGY, INC.

Well Operator

By: James B. Fuller, Consultant

Date: January 29, 1985

04/26/2024
James B. Fuller

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

RECEIVED

MAR 18 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6274

Oil or Gas Well _____
(KIND)

Company Gene Stalnaker

Address _____

Farm John W. Conrad et al

Well No. Conrad # 1

District Murphy County Ritchie

Drilling commenced 3-14-83

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
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 S. J. Rush Terry Lesker Shirley Rush

Remarks: Gene Stalnaker Rig # 6 Tool Pusher Jim Myers

1006 foot deep at time of visit - Rig broke down
Pit OK.

3-15-83
DATE

Samuel M. He 04/26/2024
DISTRICT WELL INSPECTOR

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.
DATE

DISTRICT WELL INSPECTOR
04/26/2024

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

RECEIVED

MAR 22 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6274

Oil or Gas Well _____
(KIND)

Company Gene Stalnaker

Address _____

Farm John W. Conrad et al

Well No. Conrad #1

District Murphy County Ritchie

Drilling commenced 3-14-83

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
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 S.T. Rush / Terry Lisher / Shirley Rush

Remarks: Gene Stalnaker Rig # 6 Tool Pusher Jim Myers

on 3-16-83 Ran 1136 foot of new 8 5/8" casing
Dowell ran 215 sacks of 50-50 Permip and 100 sacks
reg - 3097' foot deep at time of visit
1620-1670 - oil show - slight
Big line 1936-2038 oil show - 1980-20
inferior sand 2038-2070
2450- gas-oil show

3-17-83
DATE

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

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.

DATE

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

SEP 13 1983
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 085-6274

Oil or Gas Well _____
(KIND)

Company Gene Stalraby, Inc.
 Address _____
 Farm John W. Conrad et. al.
 Well No. Conrad 1#
 District Murphy County Ritchie
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
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:

*Final Inspection
OK Release
~~Check well record~~*

9/8/83
DATE

Mike [Signature]
04/26/2024
DISTRICT WELL INSPECTOR

Form 46
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: _____

DATE

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

04/26/2024

DISTRICT WELL INSPECTOR



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

Theodore M. Streit
 Administrator

Barton B. Lay Jr.
 Director

March 1, 1985

Gene Stlanaker, Inc.
 P.O. Box 178
 Glenville, West Virginia 26351

In Re: PERMIT NO: 47-085-6274
 FARM John W. Conrad et al
 WELL NO: 1
 DISTRICT: Murphy
 COUNTY: Ritchie
 ISSUED: 2-21-83

Gentlemen;

The FINAL INSPECTION REPORT for the above captined well has been received in this office. Only the column checked below applies:

 The well designeated by the above permit number has been released under your Blanket Bond.

 Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

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

Very truly yours,

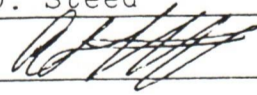
Theodore M. Streit, Administrator
 Office of Oil & Gas--Dept. Mines

TMS/ nw

04/26/2024

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

AUG 24 1983
OIL & GAS DIVISION
DEPT. OF MINES

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 085 - 6274 -			
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.)	5375 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Galleria Energy Corp.			Seller Code
	Name P.O. Box 83			
	Street Harrisville	State WV	Zip Code 26362	
	City			
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Smithville			
	Field Name			
	Ritchie	WV		
	County			State
(b) For OCS wells:	Area Name _____ Block Number _____			
	Date of Lease:			
	_ _ _ _ _ _ _			OCS Lease Number
	Mo. Day Yr.			
(c) Name and identification number of this well: (35 letters and digits maximum.)	Ada Horn #1			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	_____			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Consolidated Gas Supply Corp.			Buyer Code
	Name			
(b) Date of the contract:	_ _ _ _ _ _ _			
	Mo. Day Yr.			
(c) Estimated total annual production from the well:	40.5 Million Cubic Feet			
		(a) Base Price	(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.)	S/MMBTU	_____	_____	_____
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	_____	_____	_____
9.0 Person responsible for this application:	A.D. Steed			Designated Agent
Agency Use Only	Name			Title
Date Received by Juris. Agency				
Date Received by FERC	Signature			304-643-4711
	Date Application is Completed			Phone Number
	7/18/83			

FERC-121 (8-82)

04/26/2024

PARTICIPANTS:

DATE: NOV 18 1983

BUYER-SELLER CODE

WELL OPERATOR: Galleria Energy Corp.

FIRST PURCHASER: Consolidated Gas Supply Corp.

004228

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
830 824-103-085-6274
 Use Above File Number on all Communications
 Relating to Determination of this Well

~~Deferred~~ **QUALIFIED**
~~22-4-83 Form 1, not filed by...~~
~~22-4-83 Water strata not tested~~
~~22-4-83 Cementing record not provided~~
~~Treatment record not provided~~
~~Coal seam depths not tested~~
~~Surface owner not identified~~
~~mineral owner not identified~~
~~flow logs not shown~~

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

QUALIFIED

- ITEM NO. _____
1. FERC -121 Items not completed - Line No. 7.0 + 8.0 All
 2. IV-1 Agent A. D. Steed
 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 _____ 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: 3-11-83 Date completed 3-18-83 Deepened _____
 - (5) Production Depth: _____ TD 5371
 - (5) Production Formation: _____
 - (5) Final Open Flow: _____
 - (5) After Frac. R. P. _____
 - (6) Other Gas Test: _____
 - (7) Avg. Daily Gas from Annual Production: _____
 - (8) Avg. Daily Gas from 90-day ending w/1-120 days _____
 - (8) Line Pressure: _____ PSIG from Daily Rep _____
 - (5) Oil Production: _____ From Completion Report _____
 - 10-17. Does lease inventory indicate enhanced recovery being done No
 - 10-17. Is affidavit signed? Notarized? 04/26/2024
 - Does official well record with the Department confirm the submitted information? yes
 - Additional information _____ Does computer program confirm? _____
 - Was Determination Objected to _____ By Whom? _____

Operator's Well No. #1

API Well No. 47 - 085 - 6274
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. (If Applicable)

WELL OPERATOR Galleria Energy
ADDRESS P.O. Box 83
Harrisville, WV 26362

DESIGNATED AGENT A.D. Steed
ADDRESS P.O. Box 83
Harrisville, WV 26362

Gas Purchase Contract No. and Date (Month, day and year)

Water Chart Code

Name of First Purchaser: Consolidated Gas Supply Corp.
P.O. Box 83
(Street or P. O. Box)
Clarksburg, WV 26301
(City) (State) (Zip Code)

FERC Seller Code

FERC Buyer Code

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) Section of NGPA 103 Category Code
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

A.D. Steed Designated Agent
Name (Print) Title
Signature
P.O. Box 83
Street or P. O. Box
Harrisville, WV 26362
City State (Zip Code)
() 304-643-4711
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request, for certification of the above described well as meeting the requirements of Section 103 under the Natural Gas Policy Act of 1976, (NGPA); or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA); or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the ___ day of ___, 19__ at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. _____

Initial review of information submitted indicates the well is, is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

AUG 24 1983

By [Signature] Director 04/26/2024
Title _____

State received by
Jurisdictional Agency

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

Date July 18, 1983

Operator's Well No. #1

API Well No. 47 - 085 - 6274
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT A.D. Steed

ADDRESS P.O. Box 83

Harrisville, WV 26362

LOCATION: Elevation 1012

Watershed Branch of Spruce Creek

26362 St. Murphy county Ritchie Quad. Smithville

WELL OPERATOR Galleria Energy

ADDRESS P.O. Box 83

Harrisville, WV

GAS PURCHASER Consolidated Gas

ADDRESS P.O. Box 2450

Clarksburg, WV 26301

Gas Purchase Contract No. _____

Meter Chart Code _____

Date of Contract _____

* * * * *

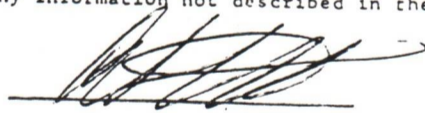
Date surface drilling was begun: 3/11/83

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

See Attached

AFFIDAVIT

I, A.D. Steed, 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.



STATE OF WEST VIRGINIA,

COUNTY OF Ritchie, TO WIT:

1. Bethel Alene Stewart a Notary Public in and for the state and county aforesaid,

do certify that A.D. Steed, whose name is signed to the writing above, bearing date

the 18 day of July, 19 83, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 18 day of July, 19 83.

My term of office expires on the 14 day of June, 19 91.

[NOTARIAL SEAL]

Bethel Alene Stewart
Notary Public
(comm. Bethel Alene Border)

04/26/2024

CALCULATION OF BOTTOM HOLE PRESSURE

Ada Horn #1
 Qod; Smithville

$$P_f = P_{we} \quad (\text{XGLS})$$

085-6274

Where:

P_f = shut-in formation pressure (psia)

P_w = pressure at the wellhead (psia)

e = napierian logarithm base (2.71828)

G = specific gravity of gas .70

L = length of casing to mid-point of the perforations (feet)

S = supercompressibility of gas at the mean temperature and pressure (average of wellhead and bottom hole temperature and pressure) .78

$X = \frac{1}{53.34 T}$ where T = average wellhead and bottom hole temperature ($^{\circ}R$) 95 + $^{\circ}R$
 (.0000337 x .7 x .78 x 4500)

$$P_f = 1100 e$$

$$P_f = 1100 e \quad (.083)$$

$$P_f = 1100 e$$

$$P_f = 1100 (1.086)$$

$$P_f = 1194.6\#$$

INDEMNIFYING DIVISION ORDER

To: **ASHLAND OIL, INC.**
ASHLAND, KENTUCKY

Lease No. 59897

PJM/ald

Issued September 15, 1983

Effective FIRST PURCHASE

We, the undersigned, and each of us, hereby certify and warrant that we are the legal owners in the proportions set out below of all the oil produced from the ADA HORN #1 Lease, located in the County (Parish) of RITCHIE, State of WEST VIRGINIA, described as follows:

You are hereby authorized to receive all or any part of said oil for purchase on the terms hereinafter stated and, until further notice, to credit the purchase price thereof as follows:

SOCIAL SECURITY OR TAX ACCOUNT NO.	CREDIT TO	DIVISION OF INTEREST
75-1788869	John W. Conrad and June Conrad	.020840 RI
	George W. Conrad and Carla Conrad	.020830 RI
	Welby H. Conrad and Roberta Conrad	.020830 RI
	Worthy E. Conrad and Ronona Conrad	.020840 RI
	William L. Conrad and Rosemary Conrad	.020830 RI
	Wilbur R. Conrad and Martha Conrad	.020830 RI
	North Hills Investment Co.	.100000 RI
	Big "A" Oil Co.	.025000 RI
	Galleria Energy Corporation DBA Formula Oil & Gas	.750000 WI
<p>The owners herein warrant that they have the right to sell and deliver all oil sold and delivered under this division order, and agree jointly and severally to indemnify Ashland Oil, Inc., its successors and assigns, against all claims of anyone claiming any title to or interest in oil delivered hereunder, or the proceeds thereof, and against all loss, damage and expense (including court costs and reasonable attorneys fees) incurred or suffered by Ashland Oil, Inc., its successors and assigns by reason of any such claim.</p>		

04/26/2024

W.I. - WORKING INTEREST; R.I. - ROYALTY INTEREST; O.R.R. -- OVERRIDING ROYALTY INTEREST; O.P. -- OIL PAYMENT

(1) Oil purchased hereunder shall become your property when delivered to you or any public or private carrier designated by you, and shall be paid for (less any tax paid or payable by you with respect to such oil or the proceeds thereof until such time as any law so requiring is declared invalid by final judgment) by checks mailed to us during the calendar month next following the delivery of such oil.

(CONTINUED ON REVERSE SIDE)

NOTICE: THE U.S. INTERNAL REVENUE SERVICE REQUIRES YOU TO FURNISH YOUR SOCIAL SECURITY OR TAX ACCOUNT NUMBER. PLEASE INSERT THIS NUMBER IN THE SPACE OPPOSITE YOUR NAME AS SHOWN ABOVE.

Payment shall be made on the basis of your posted or quoted price in effect on the date of receipt for oil similarly received by you and of the same kind and quality produced in the district, field, or area in which said lands are located. Quantities are to be computed from regularly compiled tank tables for the tanks from which the oil is taken, or from metering facilities acceptable to you. Corrections shall be made for temperature and impurities according to your local rules in force at the time in the district, field, or area in which the above property is located. In the event oil should be taken in tank trucks, quantities may at your option be determined on the basis of certified tank truck gauges, and corrections as above specified shall be made. You may refuse to receive any oil not considered merchantable by you.

(2) Should the interest of the undersigned in the oil produced from the above - described land be unitized with oil produced from one or more other tracts of land, this Division Order shall thereafter be deemed to be modified to the extent necessary to conform with the applicable unitization agreement or plan of unitization, and all revisions or amendments thereto, but otherwise to remain in full force and effect as to all other provisions. In such event, the portion of the unitized oil sold hereunder shall be the interest of the undersigned in that portion of the total unitized oil delivered which is allocated to the above - described land and shall be deemed for all purposes to have been actually produced from said land.

(3) Satisfactory abstracts or other evidence of title will be furnished you at any time upon request. In the event of failure to furnish such evidence of title, or in the event of a question or dispute at any time concerning title to the property or as to the right of any party claiming hereunder to receive payment for the oil, you may withhold the proceeds of the oil from the interest so affected without interest until indemnity satisfactory to you has been furnished or the question or dispute determined. If suit is filed affecting the interest of any of the undersigned, the party or parties affected agree to indemnify you against loss or damage by reason of any judgment rendered therein, and to reimburse you for expenses reasonably incurred by you in connection therewith.

(4) You are hereby relieved of any responsibility for determining the amount payable when any of the above interests shall increase, diminish, be extinguished or revert to any other parties as a result of the completion or discharge of money or other payments from said interests, or as a result of the increase or decrease in production or any other contingency until notice in writing thereof shall have been received by you at Ashland, Kentucky. Notwithstanding that a graduated interest may be based on the daily average production per well per month, you are authorized to base same on the daily average pipe line runs per well per month.

(5) You shall not be bound by any sale or assignment of any interest in said oil or proceeds thereof until you have been furnished with a certified or photostatic copy of the recorded instrument evidencing such conveyance or assignment, together with your regular Transfer Order properly signed by both Transferor and Transferee, it being understood that any such vendee or assignee shall take such interest subject to the terms hereof, and that any such Transfer Order shall take effect as of the first day of a calendar month.

(6) The owners of the working interest warrant and agree that all oil delivered to you hereunder will have been produced in accordance with the applicable provisions of the Federal Fair Labor Standards Act of 1938 and any and all amendments thereto and in accordance with all applicable laws, rules, regulations and allowable orders of any governmental authority having jurisdiction over the production or sale of said oil.

(7) If the proceeds accruing to any interest hereunder should amount to less than \$10.00 for any month, you are hereby authorized, at your option, to accumulate the monthly accruals to any such interest and make payment of such accumulations, when they exceed \$10.00, but not less than once annually.

(8) This Division Order shall become valid and binding on each interest owner and each interest owner's heirs, successors and assigns as soon as signed by such owner, whether or not signed by any other owner. This Division Order and all rights granted hereunder may be assigned. No interest owner may terminate this Division Order without giving you at least thirty (30) days prior written notice and the termination by one interest owner shall not affect this Order as to the other interest owners. You may discontinue your authority to purchase any oil hereunder by giving at least thirty (30) days notice to the party, at such party's last known address, shown by your records to be in charge of operations for producing said oil. The word "oil" as used in this Division Order shall include all liquid hydrocarbons purchased hereunder.

SEE INSTRUCTIONS AT BOTTOM OF PAGE BEFORE SIGNING

WITNESS SIGN BELOW	OWNER SIGN BELOW	MAILING ADDRESS
<i>Darryle W. McCracken</i>	<i>Edwin O. Oats</i>	13355 Noel Road, Suite 1425 Dallas, TX 75240
Darryle W. McCracken,	Edwin O. Oats, President	
Secretary	Galleria Energy Corporation	
	DBA Formula Oil & Gas	

01768-2 (Back)

INSTRUCTIONS FOR SIGNING:

04/26/2024

Sign in ink exactly as your name appears above and have your signature witnessed. If your name is incorrectly stated return the division order with advice as to your correct name. If executing on behalf of a corporation, indicate your official title and impress the corporate seal, attested by the Secretary or Assistant Secretary. If more than one copy of order is submitted, it is not necessary for all parties to sign all copies but same may be signed in counterpart.

BE SURE TO FURNISH YOUR COMPLETE MAILING ADDRESS

OUTSIDE WELL TEST

C. S. HORN Working District

TO: Gas Purchase Contract Section

Date 06-15-83

Well No. F- _____ O/S- _____ Drlg. Permit No. 49-085-6274

Operator Shale Service

Farm Name Rda Horn Acres 17

Town, Township Habel Green County Ritchie State WV

District Murphy County Ritchie State WV

Well Open 4 Hrs. O.F. Test 10 hrs 7' @ 115 Mcf R.P. 7425 lbs 36 Hrs.
2,208,000

Oil Production No oil bbl. per _____ Day _____ Hour

Producing Formation: Alexander, WINSON, Mirror

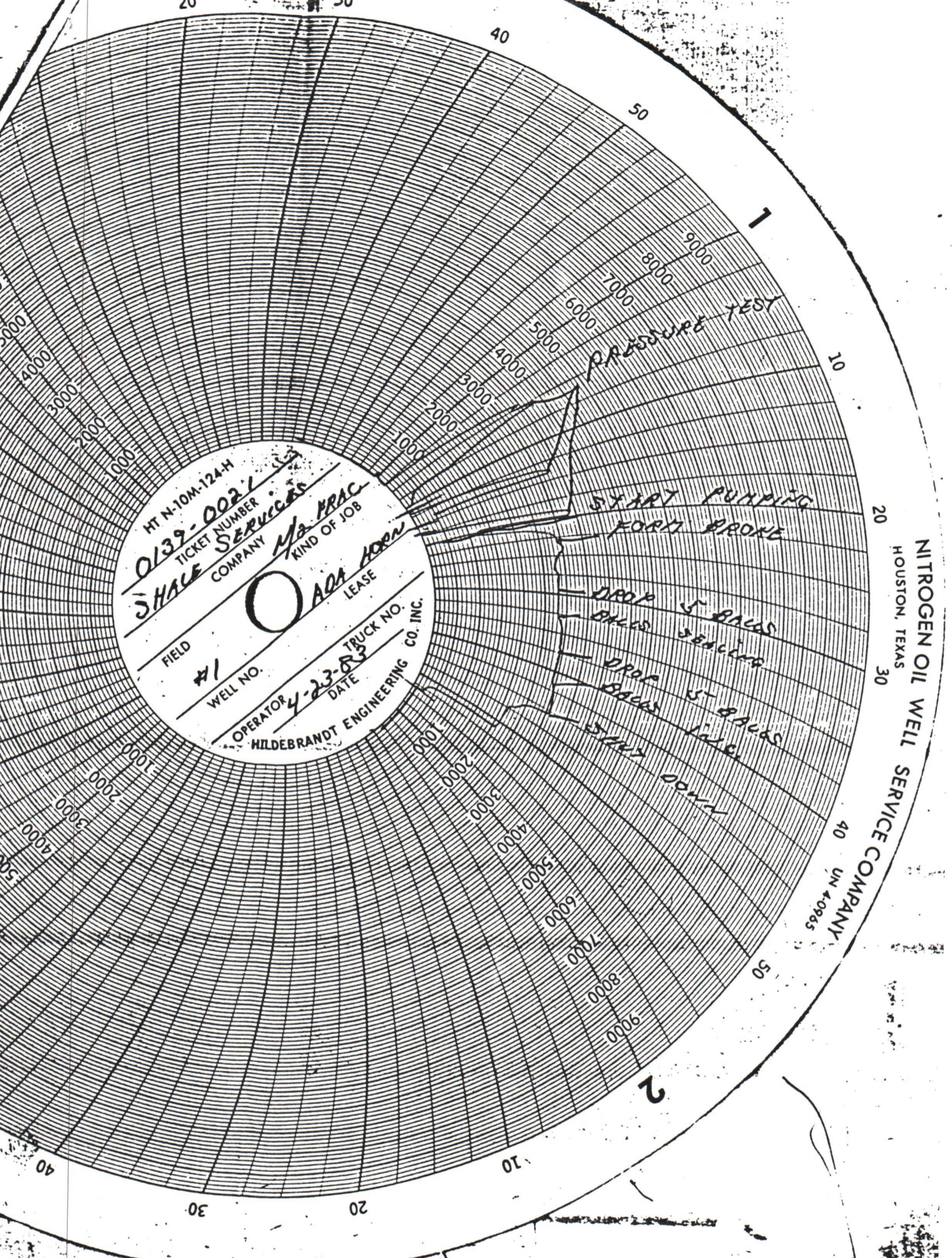
Date Tested: 06-15-83, Tested By: [Signature]

cc: Production Dept.
Geological Dept.
District File

District Superintendent

Attachment to well record

04/26/2024



HT N-10M-124-H
 0139-0021
 TICKET NUMBER
 SHALE SERVICES COMPANY
 Ma. PRAC
 KIND OF JOB
 O ADA HOON
 LEASE
 FIELD #1
 WELL NO. #1
 OPERATOR 4-23-83
 DATE
 TRUCK NO.
 HILDEBRANDT ENGINEERING CO. INC.

NITROGEN OIL WELL SERVICE COMPANY
 HOUSTON, TEXAS
 UN 40965

04/26/2024

TREATMENT REPORT

DOWELL

DOWELL DIVISION OF DOW CHEMICAL U.S.A.

DATE 4-23-83

PRINTED IN U.S.A.
 NAME AND NUMBER
 D.A. HORN #1
 COUNTY / FIELD
 MURPHY DIST
 COUNTY / PARISH
 RITCHIE
 TYPE OF SERVICE
 Acidizing
 Fracturing
 Sand Control
 Other

LOCATION (LEGAL)
 BRANCH OF SPRUCE
 FORMATION
 SHALE
 STATE
 WVA
 SERVICE NAME
 N/2 FRAC

DOWELL LOCATION
 CLARKSBURG WVA
 JOB DONE DOWN
 TUBING CASING ANNULUS
 TYPE OF WELL
 OIL GAS WATER INJ.
 AGE OF WELL
 NEW WELL REWORK

TREATMENT NUMBER 0179-0021
 PAGE 1 OF 2 PAGES
 ALLOWABLE PRESSURE
 TBG: CSG: 4000
 OIL API GRAVITY
 VAPOR PSI
 TOTAL DEPTH 5390
 BHT. (LOG)
 TUBING SIZE WT. DEPTH
 TYPE OR GRADE
 LINER SIZE WT. TOP-BOTTOM
 PACKER TYPE PACKER DEPTH
 OPEN HOLE CASING VOL. TUBING VOL. ANNULAR VOL.

CUST. NAME SHALE SERVICES
 ADDRESS
 CITY, STATE ZIP CODE
 SERVICE INSTRUCTIONS: PUMP 1,000,000 SCF @ 40,000 SCF/M DROP 5 BALLS @ 350,000 x 5 @ 700,000

PERFORATED INTERVALS

TOP	TO	BOTTOM	NO. OF HOLES	TOP	TO	BOTTOM	NO. OF HOLES
4439	TO	5288	19		TO		
	TO				TO		
	TO				TO		
	TO				TO		

FOR CONVERSION PURPOSES 24 BBLs EQUALS 1000 GALLONS
 ARRIVED ON LOCATION: 0700 LEFT LOCATION: 1900

DIAMETER OF PERFORATIONS =

TIME (0001 to 2400)	INJECTION RECORD							PRESSURE		NOTATIONS
	RATE BPM	TYPE OF FLUID	DENSITY	INCREMENT VOL. BBLs	CUM. VOL. BBLs	PROP. TYPE	PROP. #/GAL	CSG.	TBG.	
1250										Pre-Job Safety Meeting
1304										Pre-Job Pressure Test To 4000 psi
1320	40,000	N/2						100		START PUMPING
1322	40,000	N/2		80,000	80,000			2850		FORM BROKE
1329	40,000	N/2		200,000	360,000			2800		DROP 5 BALLS
1332	40,000	N/2		120,000	480,000			2700		PRESS INC.
1337	40,000	N/2		200,000	680,000			2925		DROP 5 BALLS
1341	40,000	N/2		160,000	840,000			3000		PRESS INC.
1344.5	40,000	N/2		140,000	980,000			3050		SHUT DOWN 1ST
					2,400,000					COOL DOWN
					1,004,000					STAGE COMPLETE

FRAC. GRADIENT
 AVG. INJECTION RATES
 LIQ. 40,000 W/PROP
 TOTAL FLUID 980,000 BBLs
 TOTAL PROP
 TREATING PRESSURE SUMMARY
 MAX. 3050 FINAC 3050 AVG. 3000
 IMMED. S.D.P. 2300 15 MIN

MATERIALS CHARGED FOR:

MTRL	QUANTITY	MTRL	QUANTITY
N/2	1,004,000		
.9" BALLS	10		

PRODUCTION PRIOR TO THIS TR. Test Stabilized
 CUSTOMER REPRESENTATIVE A.O. STEED
 DOWELL SERVICE SUPERVISOR M.P. RETTELL

04/26/2024

TREATMENT REPORT



DOWELL DIVISION OF DOW CHEMICAL U.S.A.

DATE **4-23-83**

NAME AND NUMBER WDA 11000 #1	LOCATION (LEGAL) BRANCH OF SPACE CA	DOWELL LOCATION CLARISANO WVA	TREATMENT NUMBER 019-0021
POOL / FIELD MURPHY DIST.	FORMATION SHALE	JOB DONE DOWN TUBING <input type="checkbox"/> CASING <input checked="" type="checkbox"/> ANNULUS <input type="checkbox"/>	PAGE 2 OF 2 PAGES
COUNTY / PARISH RITCHIE	STATE W VA	TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> WATER <input type="checkbox"/> INJ <input type="checkbox"/>	ALLOWABLE PRESSURE TGB: _____ CSG: 4000
TYPE OF SERVICE <input checked="" type="checkbox"/> Acidizing <input type="checkbox"/> Sand Control <input type="checkbox"/> Fracturing <input type="checkbox"/> Other	SERVICE NAME N/2 FRAC	AGE OF WELL NEW WELL <input checked="" type="checkbox"/> REWORK <input type="checkbox"/>	OIL API GRAVITY _____ VAPOR PSI _____

CUST. NAME **SHALE SERVICES**

ADDRESS _____

CITY, STATE, ZIP CODE _____

SERVICE INSTRUCTIONS: **PUMP 2 BBL ACID DROP BALL FINISH ACID W/ 10,000 SCFH N/2 AFTER ACID GONE RAISE N/2 TO 40,000 SCFH FOR 1,000,000 PROD.**

FOR CONVERSION PURPOSES 24 BBL EQUALS 1000 GALLONS

ARRIVED ON LOCATION: **0700** LEFT LOCATION: **1900**

CASING SIZE	WT.	DEPTH	TUBING SIZE	WT.	DEPTH
7 1/2	105	5375			
TYPE OR GRADE		TYPE OR GRADE			
LINER SIZE		TOP-BOTTOM		PACKER TYPE	PACKER DEPTH
				PLUG	4380
OPEN HOLE	CASING VOL.	TUBING VOL.	ANNULAR VOL.		

PERFORMED INTERVALS							
TOP	TO	BOTTOM	NO OF HOLES	TOP	TO	BOTTOM	NO OF HOLES
3398		4300	24				

TIME (0001 to 2400)	INJECTION RECORD							PRESSURE		NOTATIONS
	RATE BPM	TYPE OF FLUID	DENSITY	INCREMENT VOL BBL	CUM VOL BBL	PROP TYPE	PROP # GAL	CSG.	TGB.	
1700										Pre-Job Safety Meeting
1711										Pre-Job Pressure Test To 2500 psi
1712	2 BPM	MSR ACID						1850		START ACID
1714	2 BPM	MSR ACID		4	4			1800		DROP BALL START N/2
1721	2 BPM	MSR ACID		14	18			1900		ACID GONE RAISE RATE
1723	40,000	N/2		70,000	70,000			1900		SHUT DOWN FIX LEAK
1724	40,000	N/2		80,000	150,000			2300		START N/2
1730	40,000	N/2		240,000	390,000			2250		DROP 5' BALLS
1737.5	40,000	N/2		300,000	690,000			2250		DROP 5' BALLS
1745	40,000	N/2		300,000	990,000			2300		SHUT DOWN JOB
				24,000	COOL DOWN					Complete
				1014,000						

FRAC. GRADIENT	AVG. INJECTION RATES LIQ 40,000 W/PROP	MATERIALS CHARGED FOR:	
TOTAL FLUID 990,000 BBL	TOTAL PROP	MTRL	QUANTITY
		N/2	1,014,000
		MSR ACID	750 GAL
		9 BALLS	10
		A 200	2 GAL
TREATING PRESSURE SUMMARY			
MAX 2400	FINAL 2300 AVG 2250	IMMED. S.D.P.	15 MIN. SIP
PRODUCTION PRIOR TO THIS TR.		<input type="checkbox"/> Test	<input type="checkbox"/> Stabilized
CUSTOMER REPRESENTATIVE A.D. STEED	DOWELL SERVICE SUPERVISOR MR RETTELL		

04/26/2024

Office

THIS ASSIGNMENT, made this 31st day of January, 1983, by and between WALTER C. CRANE dba NORTH HILLS INVESTMENT COMPANY, a West Virginia General Partnership, whose address is Harrisville, West Virginia, hereinafter called ASSIGNOR and BIG A OIL CORPORATION, a West Virginia Corporation, whose address is Parkersburg, West Virginia, hereinafter called ASSIGNEE.

W I T N E S S E T H :

That for and in consideration of the sum of Ten Dollars (\$10.00), cash in hand paid, and other good and valuable consideration, the receipt of all of which is hereby acknowledged, the ASSIGNOR does hereby sell, assign, grant and convey unto the said BIG A OIL CORPORATION, its successors and assigns, subject to the terms, conditions and reservations herein contained, the following described oil and gas leases in Murphy District, Ritchie County, West Virginia, being more particularly described as follows:

That certain oil and gas lease from Dessie Hinkle to North Hills Investment Company dated January 16, 1982, and of record in the Office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book No. 141 at page 412 thereof; said tract being more particularly bounded and described as follows:

- On the North by lands of State Road
- On the East by lands of Merle Burwell
- On the South by lands of Tingler farm
- On the West by lands of Smith heirs

Hinkle

Containing 60 acres, more or less.

That certain oil and gas lease from John W. Conrad and June Conrad, his wife, et al., to North Hills Investment Company, of record in the aforesaid Clerk's office in Lease Book No. 147 at page 258 thereof; and that certain lease from Audrey Cunningham dated September 10, 1982, and of record in the aforesaid Clerk's office in Lease Book No. 148 at page 232 thereof. Said tract being bounded and described as follows:

- On the North by lands of T. N. Tanzey
- On the East by lands of Thomas Quinn
- On the South by lands of John Wright
- On the West by lands of T. N. Tanzey

Conrad

Containing 17 acres, more or less.

04/26/2024

This Assignment is made subject to all the royalty, terms, provisions and covenants set out and being a part of the original oil and gas leases described herein. This Assignment shall remain in force for a term of thirty (30) days from date hereof and as long thereafter as oil or gas or either of them is produced from the leasehold premises by the ASSIGNEE, its successors or assigns.

The ASSIGNOR reserves the right to enter upon any part of the 60 acre premises to explore for or to produce oil and gas in any geological formation below the depth of 6,000 feet. It is specifically understood that the ASSIGNOR herein may explore for or produce oil and/or gas in any geological formation below such depth without the participation of the ASSIGNEE, its successors or assigns. However, the ASSIGNEE, its successors or assigns shall have the first option to acquire said deep rights.

In the event the ASSIGNOR wishes to assign the deep rights reserved herein they shall first notify the ASSIGNEE in writing by instrument by certified mail, the ASSIGNEE shall then have 15 days after receipt to accept the assignment on the terms and conditions proposed by the ASSIGNOR, if, the ASSIGNEE fails to accept the assignment within the 15 days so specified the ASSIGNOR may assign the deep rights as they see fit.

It is specifically understood and agreed for consideration of the premises herein, that the said ASSIGNEE will drill the well situate on the leasehold estates described herein through the Alexander Sands.

SAVING, EXCEPTING AND RESERVING unto the ASSIGNOR herein, free of cost, an overriding royalty interest of 10% of all (8/8) oil, gas or other hydrocarbons produced, saved and sold from the above described land. Such overriding royalty interest shall be free from all development, production, marketing and operating

expenses and charges of any other nature; however, said interest shall bear and pay currently its share of gross production and/or pipeline taxes.

It is understood and agreed that the ASSIGNOR'S share of the overriding royalty interest paid for oil produced and sold from the premises shall be paid directly by the party contracting to purchase all such oil. In addition, it is understood and agreed that the ASSIGNEE shall provide the ASSIGNOR with a copy of the monthly statement provided to them, their heirs or assigns, by the company which purchases the gas from the said premises.

The ASSIGNEE, BIG A OIL, INC., further agrees to hold North Hills Investment Company harmless for any and all damages caused by its drilling, its production or its abandonment of all wells drilled on the lease and Leasehold Estate thereby created.

WITNESS the following signatures and seals.

NORTH HILLS INVESTMENT COMPANY, a West Virginia General Partnership,

By *Walter C. Crane* (SEAL)
Walter C. Crane, a General Partner

STATE OF WEST VIRGINIA,
COUNTY OF RITCHIE, TO-WIT:

The foregoing instrument was acknowledged before me this 31st day of January, 1983, by WALTER C. CRANE, a General Partner, on behalf of NORTH HILLS INVESTMENT COMPANY.

Bethel Alene Stewart
Notary Public, Ritchie County,
West Virginia (commissioned *Bethel Alene Border*)

My Commission expires
June 11, 1991

A S S I G N M E N T

THIS ASSIGNMENT, Made this 15 day of February,
1983, by and between BIG A OIL CORPORATION, whose
address is PARKERSBURG, WV, hereinafter called Assignor
and GENE STALNAKER, whose address is GLENVILLE
WV, hereinafter called Assingee.

WITNESSETH: That for and in consideration of the sum of
TEN (\$10.00) DOLLARS, Cash in hand paid, and other good and
valuable consideration, the receipt of all of which is hereby
acknowledged, the Assignor does hereby sell, assign, grant and
convey unto the said GENE STALNAKER its successors
and assigns, subject to the terms, conditions and reservations
herein contained, the following described oil and gas lease
in Murphy District, Ritchie County, West Virginia, being more
particularly described as Follows:

That certain oil and gas lease from Dessie Hinkle
to North Hills Investment Company dated January 16, 1982,
and of record in the Office of the Clerk of the County
Commission of Ritchie County, West Virginia, in Lease
Book No. 141 at Page 412 thereof; said tract being
more particularly bounded and described as follows:

On the NORTH by lands of State Road
On the EAST by lands of Merle Burwell
On the SOUTH by lands of Tingler farm
On the WEST by lands of Smith heirs

Containing 60 acres, more or less.

That certain oil and gas lease from John W. Conrad
and June Conrad, his wife, et al., to North Hills
Investment Company, of record in the aforesaid Clerk's
Office in Lease Book No. 147 at Page 258 thereof; and
that certain lease from Audrey Cunningham dated September
10, 1982, and of record in the aforesaid Clerk's Office
in Lease Book No. 148 at page 232 thereof. Said tract
being bounded and described as follows:

On the NORTH by lands of T. N. Tanzey
On the EAST by lands of Thomas Quinn
On the SOUTH by lands of John Wright
On the WEST by lands of T. N. Tanzey

Containing 17 acres, more or less.

This Assignment is made subject to all the royalty,
terms, provisions and covenants set out and being a part of the
original oil and gas leases described herein.

RECEIVED

04/26/2024

FEB 18 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

BIG A OIL, INC., a West Virginia Corporation,

By D. L. Stewart (SEAL)

STATE OF WEST VIRGINIA,

COUNTY OF WOOD , TO-WIT:

The foregoing instrument was acknowledged before me
this 15th day of February, 1983 by D. L. Stewart
President of BIG A OIL, INC., A West Virginia
Corporation, on behalf of said Corporation.

James M. Powell
Notary Public, Wood County,
West Virginia

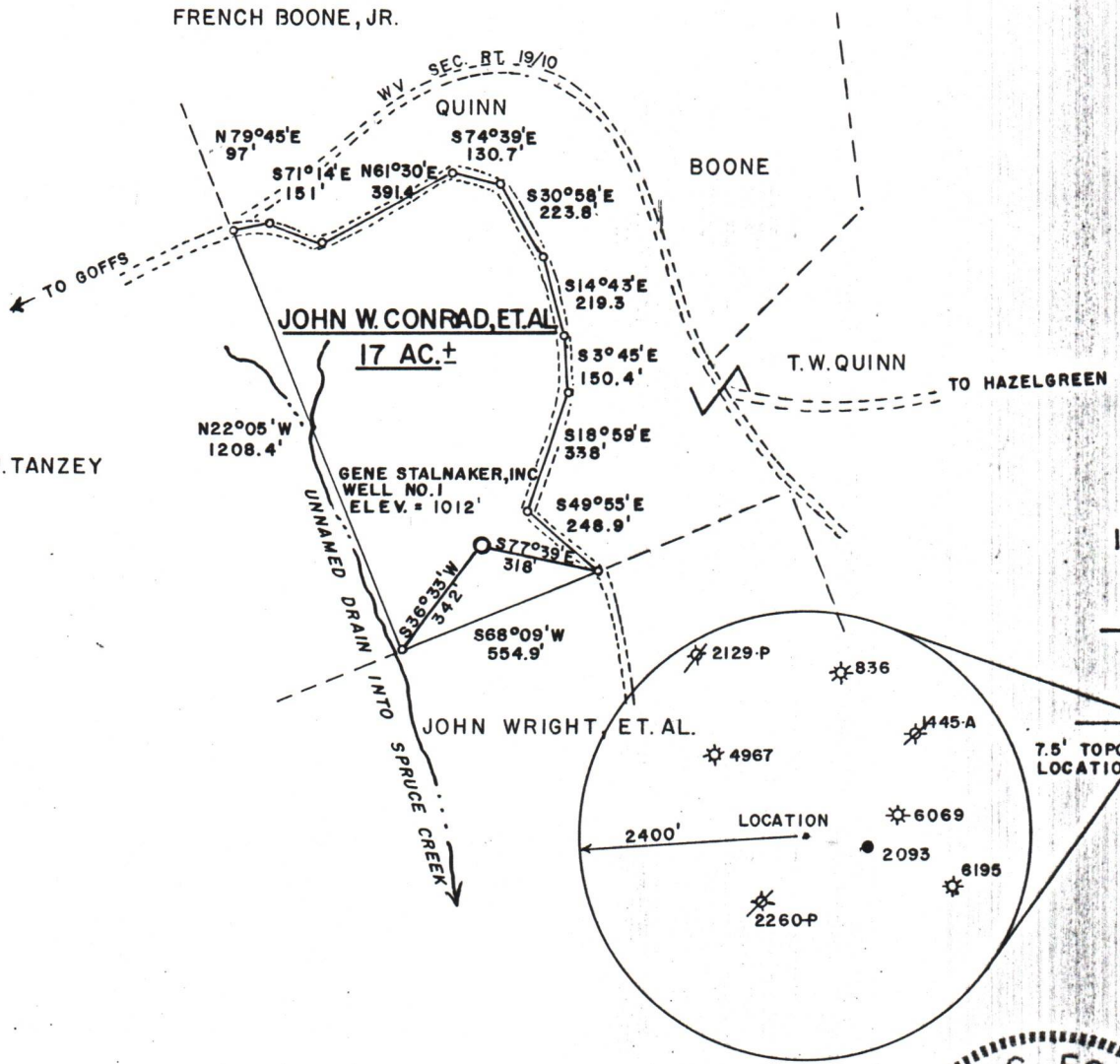
My Commission expires: Aug. 15, 1991.

Prepared by:
D. L. Stewart

04/26/2024

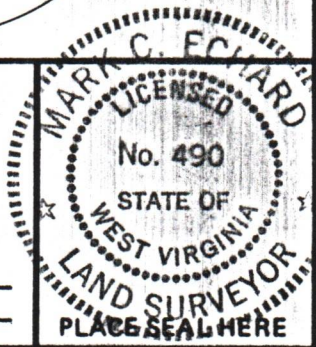
NORTH

LONGITUDE 81°00'00"



FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 900'
 NE OF LOCATION ELEV.=1234

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) Mark C. Echard
 MARK C. ECHARD
 R.P.E. _____ L.L.S. 490



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE FEBRUARY 8, 19 83
 OPERATOR'S WELL NO. ONE
 API WELL NO. 47-085-6274
 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 1012' WATER SHED BRANCH OF SPRUCE CREEK
 DISTRICT MURPHY COUNTY RITCHIE
 QUADRANGLE SMITHVILLE 7.5'
 SURFACE OWNER JOHN W. CONRAD ET. AL. ACREAGE 17
 OIL & GAS ROYALTY OWNER JOHN W. CONRAD, ET. AL. LEASE ACREAGE 17
 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 ALEXANDER ESTIMATED DEPTH 5300'
 WELL OPERATOR GENE STALNAKER, INC. DESIGNATED AGENT GENE STALNAKER, INC.
 ADDRESS P.O. BOX 178 - 220 WEST MAIN ST. ADDRESS P.O. BOX 178 - 220 WEST MAIN ST.
GLENNVILLE, WV 26351 GLENNVILLE, WV 26351

04/26/2024