



1) Date: Feb. 14, 19 83
 2) Operator's Well No. Hinkle # 1
 3) API Well No. 47 085 6273
 State County Permit

DRILLING CONTRACTOR:

Gene Stalnaker, Inc.
P.O. Box 178
Glenville, WV 26351

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas x /
 B (If "Gas", Production / Underground storage / Deep / Shallow x /)
- 5) LOCATION: Elevation: 755 Watershed: Conrad Run of Spruce Creek
 District: Murphy County: Quadrangle: Burnt House 7.5
- 6) WELL OPERATOR Gene Stalnaker, Inc. 11) DESIGNATED AGENT Gene Stalnaker
 Address P.O. Box 178 Address P.O. Box 178
Glenville, WV 26351 Glenville, WV 26351
- 7) OIL & GAS ROYALTY OWNER Dessie Conrad Hinkle 12) COAL OPERATOR n/a
 Address c/o The Union Bank of Harrisville Address
Harrisville, WV 26362
- 8) SURFACE OWNER Allen Jones 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address 12979 LA. Barrance Court Name n/a
Los Altos, CA 94022 Address
 Acreage 52 Name
- 9) FIELD SALE (IF MADE) TO: Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name Samuel Hershman Name n/a
 Address P.O. Box 66 Smithville, WV 26178 Address
477-3597
- 15) PROPOSED WORK: Drill x / Drill deeper / Redrill / Fracture or stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Devonian Shale
- 17) Estimated depth of completed well, 5300 feet
- 18) Approximate water strata depths: Fresh, 70 feet; salt, feet.
- 19) Approximate coal seam depths: n/a Is coal being mined in the area? Yes / No x /

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 WV DEPARTMENT 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	11 3/4			x		40'			Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	CW	201b	x		860	860	To Surface	
Production	4 1/2	ERW	10.50	x			5300	3000' Fill	Depths set
Tubing								Up	
Liners									Perforations: 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: Barbara C. Smith
 My Commission Expires 9 November 1992

Signed: Gene Stalnaker
 Its: President

OFFICE USE ONLY

Permit number 085-6273 **DRILLING PERMIT** February 21, 1983
 Date 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 October 21, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>EP</u>	Plat: <u> </u>	Casing: <u> </u>	Fee: <u>13013</u>
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 Administrator, Office of Oil and Gas

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

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 **04/26/2024** 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 _____

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

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

OWNER NAME GENE STALNAKER INC
Address P.O. BOX 178-220 W. MAIN ST
GLENVILLE W.VA 26351
Telephone 462-5701

DESIGNATED AGENT GENE STALNAKER
Address P.O. BOX 178-220 W. MAIN ST
GLENVILLE W.Va. 26351
Telephone 462-5701

ADJOURNER A. JONES

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by GENE STALNAKER

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)

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Material EARTHEN

Page Ref. Manual (2-12) Page Ref. Manual (2-10)(5) 2-12

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Structure DRAINAGE DITCH (B) Structure ROCK-RIP-RAP (2)

Material ROCK

Page Ref. Manual (2-10)(6) 2-12 Page Ref. Manual (2-14)(9)

Structure (1) CULVERT 16"x24' CMP (C) Structure Pit (3)

Material EARTHEN

Page Ref. Manual (2-1) -> (2-3) 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 small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Line 2 Tons/acre

Line 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 2 Tons/acre

Mulch HAY 2 Tons/acre

Seed* Orchard Grass 12 lbs/acre

Seed* Orchard Grass 12 lbs/acre

Timothy 8 lbs/acre

Timothy 8 lbs/acre

Red Clover 12 lbs/acre

Red Clover 12 lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 5% recommended amount.


MARK C. ECHARD

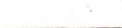
PLAN PREPARED BY STAR Rte 71 BOX 6

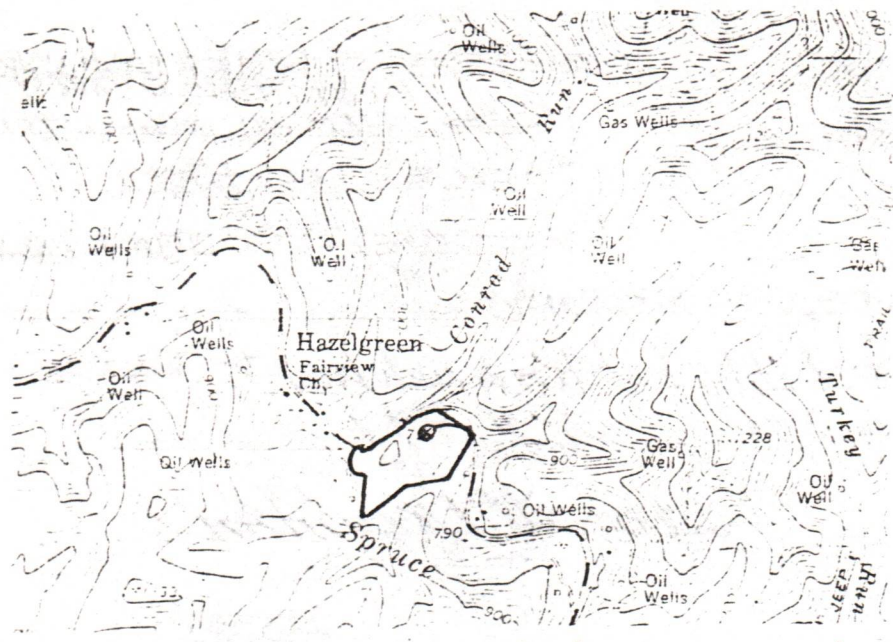
NOTES: Please request landowners' cooperation to protect new vegetation for the coming season.

ADDRESS GLENVILLE W.Va. 26351
462-5565

LEGEND


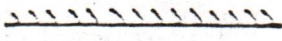
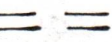







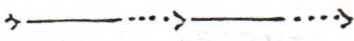
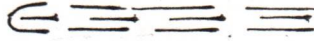
Well Site 

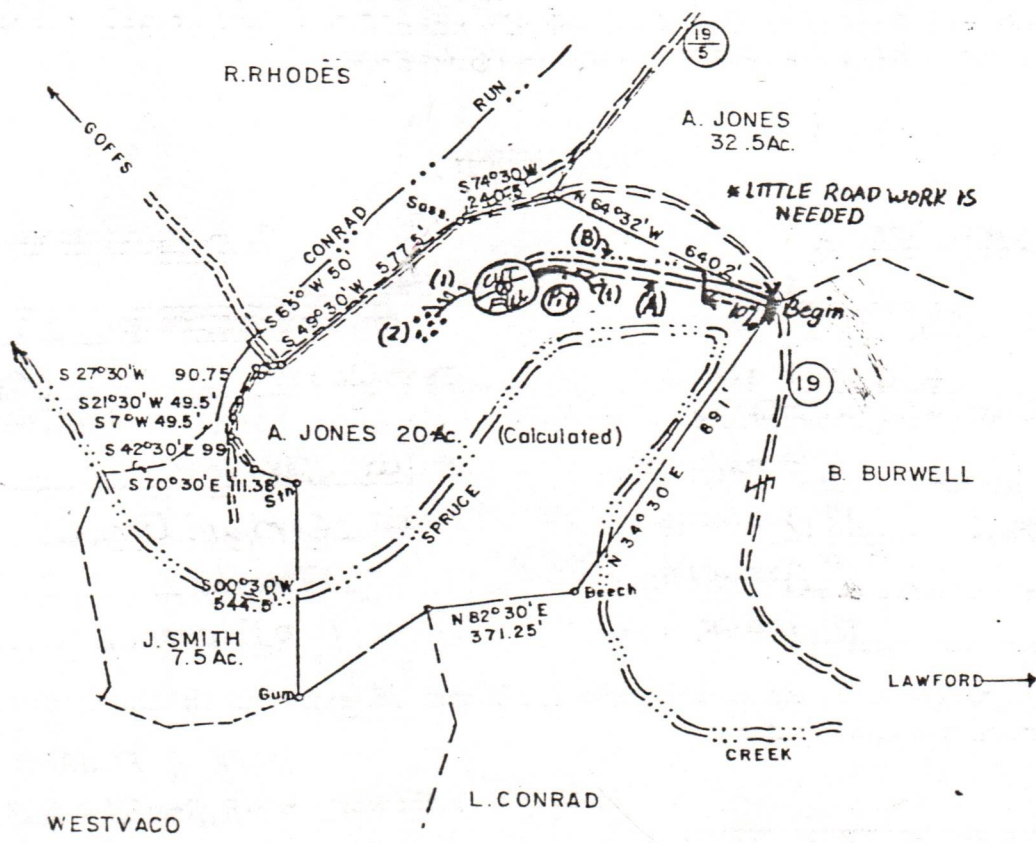
Access Road 



Sketch to include well location, existing access road, roads to be constructed, wellsite filling 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  |



04/26/2024

412 # 1572B 141
Pg 412

OIL AND GAS LEASE

AGREEMENT, made and entered into this 16th day of January, A. D. 1982
by and between Bessie Hinkle & Curtis Hinkle (by
Leroy Cooper Hinkle, Committee for Curtis Hinkle)

of _____ party of the first part, hereinafter called Lessor (whether one or more),
and North Hills Trust Co. 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 Pitcher, State of West Virginia, and described as follows, to-wit: Bounded on the

NORTH by lands of St. Road

EAST by lands of Burl. Burwell

SOUTH by lands of Singler Farm

WEST by lands of Snodgrass heirs, Albert Smith Heirs

Containing 60 acres, more or less and being the same land conveyed to lessor by _____ 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 1 year 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 (1/8) part of all oil produced and saved from the leased premises, and shall pay Lessor the equal part of all money received from 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 February 16th, 1982, unless Lessee pays thereafter a rental of 5.00 per A. for each 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 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 Bessie Hinkle direct, or by check payable to his (or her) order mailed to The Union Bank of Harrisville 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 rights-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 Recorder's office 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.

04/26/2024

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.

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04/26/2024
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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

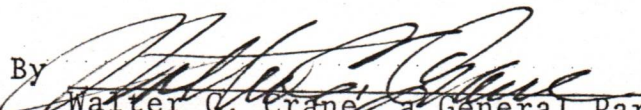
expenses and charges of any other nature; however, said interest shall bear and pay currently its share of gross production and/or pipeline taxes.

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  (SEAL)
Walter C. Crane, a General Partner

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

The foregoing instrument was acknowledged before me this 3rd day of January, 1983, by WALTER C. CRANE, a General Partner, on behalf of NORTH HILLS INVESTMENT COMPANY.


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

My Commission expires

June 11, 1991

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

By _____ (SEAL)
its _____

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

The foregoing instrument was acknowledged before me
this _____ day of January, 1983, by _____,
_____ of BIG A OIL, INC., a West Virginia
Corporation, on behalf of said Corporation.

Notary Public, Ritchie County,
West Virginia

My Commission expires
_____.

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

FERC FILE



State of West Virginia
Department of Mines
Oil and Gas Division

Date August 2, 1984
Operator's Well No. #1
Farm Hinkle
API No. 47 - 085 - 6273

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

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

LOCATION: Elevation: 755' Watershed Spruce Creek
District: Murphy County Ritchie Quadrangle Burnt House

COMPANY Thunder Oil Corporation

ADDRESS 112 Office Plaza, Jackson, Miss. 39205

DESIGNATED AGENT A. D. Steed

ADDRESS P. O. Box 4161, Parkersburg, WV 26101

SURFACE OWNER Allen Jones

ADDRESS Los Altos, CA 94022

MINERAL RIGHTS OWNER Dessie Conrad Hinkle

ADDRESS Harrisville, WV 26362

OIL AND GAS INSPECTOR FOR THIS WORK Samuel Hersman

ADDRESS Box 66 Smithville, WV 26178

PERMIT ISSUED 2-15-83

DRILLING COMMENCED 3-18-83

DRILLING COMPLETED 3-25-83

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

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	885'	885'	to Surface
7			
5 1/2			
4 1/2	5132'	5132'	3512'
3			cement fill up
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 5132 feet

Depth of completed well 5132 feet Rotary X / Cable Tools

Water strata depth: Fresh 70' feet; Salt N/A feet

Coal seam depths: N/A Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Speechley, Riley Alexander, Balltown Pay zone depth 2982' - 5071' feet

Gas: Initial open flow 1,433,000 Mcf/d Oil: Initial open flow 15 Bbl/d

Final open flow 1,433,000 Mcf/d Final open flow 15 Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1375 psig (surface measurement) after 36 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

RIT 6273

04/26/2024

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

5071'	4210'	3972'	3652'	3140'
4776'	4208'	3970'	3604'	3134'
4774'	4192'	3934'	3602'	3122'
4770'	4190'	3871'	3558'	3106'
4768'	4187'	3856'	3550'	3104'
4742'	4183'	3846'	3496'	3100'
4739'	4181'	3833'	3494'	2988'
4696'	4096'	3839'	3460'	2982'
4693'	4062'	3804'	3456'	
4686'		3800'	3442'	2 stage Frac - 58 shots
4682'	Frac Plug set	3780'	3440'	2,000,000 mcf N2
4673'	at 4000'	3696'	3436'	
4520'		3694'	3328'	
4518'			3326'	

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	10	Silty Sand	3980 4060
Red rock and slate			10	325	Balltown	4060 4260
Sand			325	364	Shale	4260 4355
Red rock and slate			364	715	Silty Sand	4355 4400
Shale			715	804	Shale	4400 4516
Sand			804	990	1st Riley	4516 4570
Shale			990	1020	Shale	4570 4670
Red rock and slate			1020	1100	2nd Riley	4670 4790
Sand			1100	1180	Shale	4790 5020
Slate			1180	1240	Alexander	5020 5085
Sand			1240	1305	Shale	5085 5132
Shale			1305	1435	Total Depth	5132
Sand			1435	1520		
Shale			1520	1685		
Lime			1685	1720		
Injun			1720	1800		
Squaw			1800	1950		
Silty Sand			1950	2005		
Shale			2005	2050		
Weir			2050	2100		
Shale			2100	2250		
Silty Sand			2250	2330		
Berea			2330	2360		
Silty Sand			2360	2536		
Sand & Shale			2536	2540		
Shale			2540	2690		
Gordon			2690	2730		
Shale			2730	2825		
Silty Sand			2825	2880		
Shale			2880	3000		
Silty Sand			3000	3080		
1st Warren			3080	3150		
Shale			3150	3280		
2nd Warren			3280	3330		
Shale			3330	3430		
Carrenoon			3430	3560		
Silty Sand			3560	3600		
Spechley			3600	3980		

(Attach separate sheets as necessary)

Thunder Oil Corporation

Well Operator

X By: Troy W. Davis
Troy Davis, President

04/26/2024

Date: August 2, 1984

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 29 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6273

Oil or Gas Well _____
(KIND)

Company Gene Stalnaker Inc.
 Address _____
 Farm Allen Jones
 Well No. Hinkle #1
 District Murphy County Ritchie
 Drilling commenced 3-21-83
 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 15' feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer
16			
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 Lester / Shirley Bush
Gene Stalnaker Rig # 6 Coal Pusher Jim Myers
 Remarks: Visit - Drilling rat hole - Pit built

3-21-83
DATE

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

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

RECEIVED

MAR 29 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6273

Oil or Gas Well _____
(KIND)

Company <u>Hene Stahlaker Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Allen Jones</u>	16			Kind of Packer _____
Well No. <u>Hinkle # 1</u>	13			
District <u>Murphy</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>3-21-83</u>	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: on 3-22-83 Ran 855 foot of 8 5/8 casing - Dowell ran 135 sacks Pas mix and 100 sacks Common neat. with 3 7/8 cc 1673 foot deep at time of visit

3-23-83
DATE

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

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

RECEIVED

JUL 3 - 1985

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6273

Oil or Gas Well _____
(KIND)

Company Gene Stalnaker, Inc.

Address _____

Farm Allen Jones

Well No. Hinkle #1

District Murphy County Pitkin

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: Met with Land owner Allen Jones on complaint of gas line (Plastic) not buried.
Found gas line not buried as regulations called for.
Land owner will permit plastic line to be left above ground along edge of meadow, but must be buried in meadow

6-25-85
DATE

Samuel N. H.
DISTRICT WELL INSPECTOR

04/26/2024

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

RECEIVED

SEP 13 1983

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

Permit No. 85-6273

Oil or Gas Well _____
(KIND)

Company GENE STALWATER INC.

Address _____

Farm ALLEN JONES

Well No. Hinkle 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
O.K. RELEASE
~~Check well record~~

9-8-83
DATE

Mike Underwood
04/26/2024
DISTRICT WELL INSPECTOR



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

April 1, 1985

Theodore M. Streit
Administrator

Barton B. Lay Jr.
Director

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

In Re: PERMIT NO: 47-085-6273

FARM Allen Jones

WELL NO: Hinkle #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 designated 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.

~~XXXX~~ 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

S/ nw

04/26/2024

Office

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:

Hinkle

- 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:

Conrad

- 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.

04/26/2024

DLEY
LAW
TREET
E.
NIA

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

KAREN SWADLEY
ATTORNEY AT LAW
100 E. MAIN STREET
HARRISVILLE,
WEST VIRGINIA
26362

(04) 643-2650

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

ADLEY
AT LAW
STREET
L.E.
GINIA

412 # 215141
Pg 412

OIL AND GAS LEASE

AGREEMENT, made and entered into this 16th day of January, A. D. 1982

by and between Ressie Hinkle & Oletis Hinkle (by Leroy Cooper Hinkle, Committee for Oletis Hinkle)

of _____ party of the first part, hereinafter called Lessor (whether one or more),
and North Hills Lumber Co. 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 Ritchey, State of West Virginia, and described as follows, to-wit: Bounded on the

NORTH by lands of St. Road

EAST by lands of Burl. Burwell

SOUTH by lands of Dingler Farm

WEST by lands of Snodgrass heirs, Albert Smith heirs

Containing 60 acres, more or less and being the same land conveyed to lessor by _____ 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 1 year 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 _____

the equal part of all money received from 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 February 16th, 1982, unless Lessee

pays thereafter a rental of 5.00 per A. for each 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 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 Ressie Hinkle

direct, or by check payable to his (or her) order mailed to The Union Bank of Harrisville, 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 rights-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 cancelation, 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 Recorder's office 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.

04/26/2024

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 Carla Conrad, his wife; Welby H. Conrad and Roberta Conrad, his wife; Worthy 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 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. Tanzey

EAST by lands of Thomas Quinn

SOUTH by lands of John Wright

WEST by lands of T. N. Tanzey

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 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 (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

pays 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 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 Wilbur R. Conrad direct, or by check payable to his (or her) order mailed to RED #2, Harrisville, W. Va. 26362

and in 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, or shall Lessee 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 \$1000.00 per acre per year, while the premises are so used, and shall pay to the Lessor the cost of any and all pipe lines, tanks, machinery, powers and structures necessary for the production and marketing of the oil and gas hereunder, and shall pay to the Lessor the cost of any and all pipe lines, tanks, machinery, powers and structures necessary for the production and marketing of the oil and gas hereunder, and shall pay to the Lessor the cost of any and all pipe lines, tanks, machinery, powers and structures necessary for the production and marketing of the oil and gas hereunder.

8. Lessor hereby grants to the Lessee his full and entire right to enter this lease with other leases for drilling and operations according to the rules and regulations which may be adopted for the proper development and conservation of the field by the Lessee, and in the event the Lessor agrees to accept in lieu of the royalty herebefore recited such proportion of the royalties as shall be determined by the Lessee.

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 Recorder's office 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.

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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.

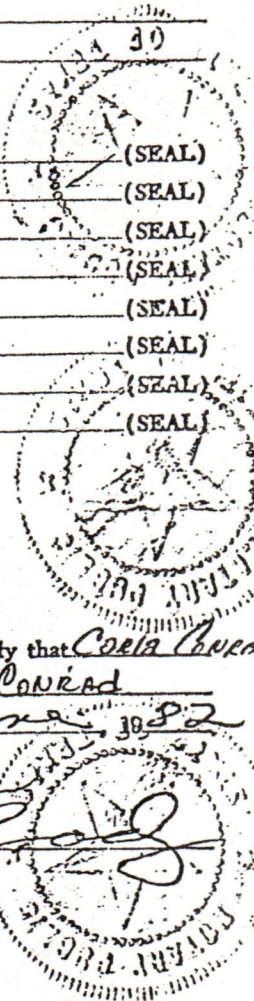
Witness the hands and seals of the parties hereto the day and year first above written.

WITNESS:

Carla Conrad
George W. Conrad
Walter H. Conrad
Roberta Conrad
W.L. Conrad
Rosemary Conrad
M. Earl Conrad
Ramon M. Conrad

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

_____ (SEAL)
_____ (SEAL)



STATE OF Texas ~~WEST VIRGINIA~~ ACKNOWLEDGMENT
COUNTY OF Harris } To-wit:

I, PATRICK C. BRADY, a Notary Public of said County, do hereby certify that Coleta Buen
George Conrad, Walter H. Conrad, Roberta Conrad, W.L. Conrad, Rosemary Conrad
whose name S signed to the within writing bearing date the 19 day of June, 1982
has S 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

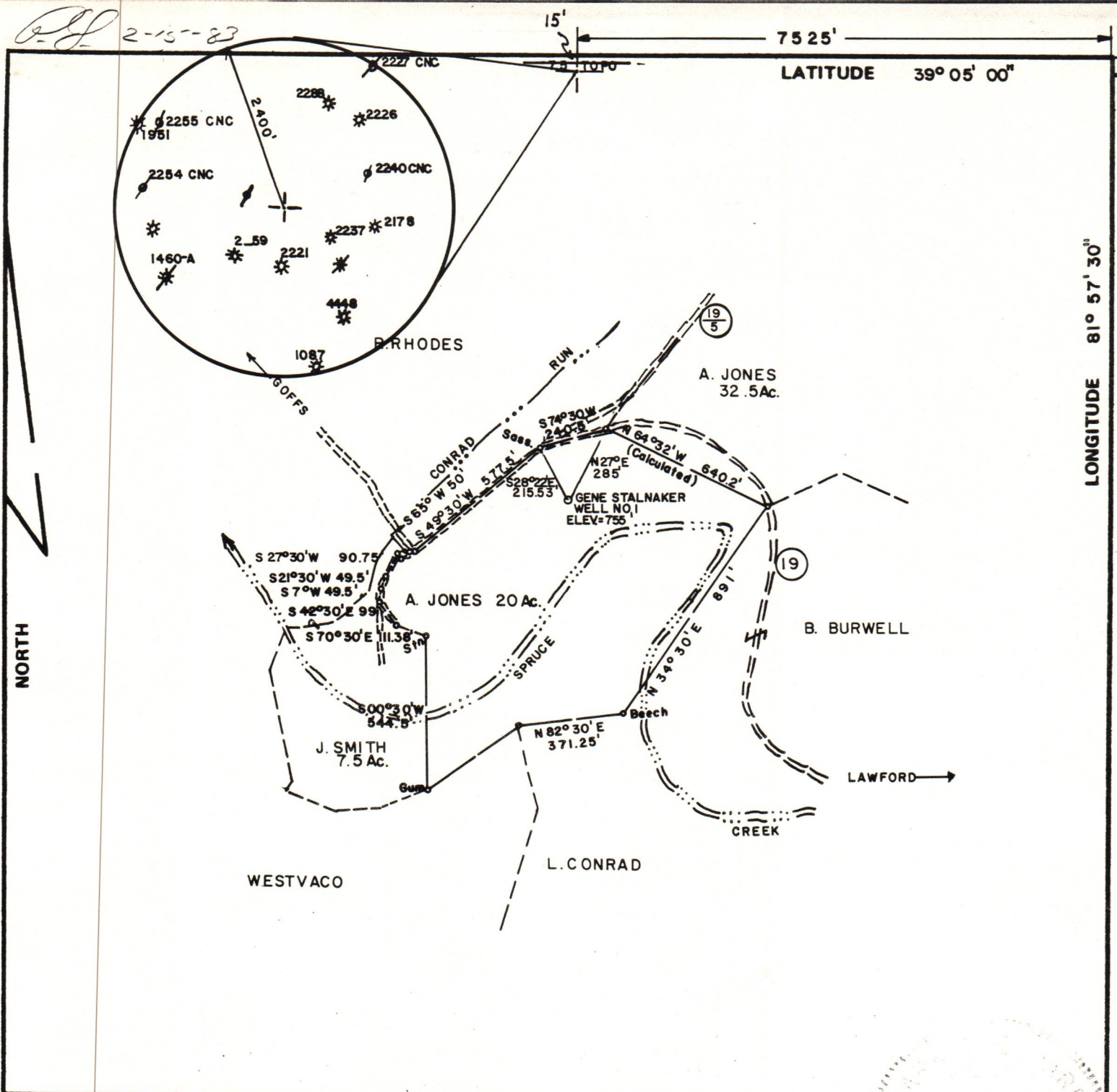
STATE OF Arizona ~~WEST VIRGINIA~~ ACKNOWLEDGMENT
COUNTY OF Maricopa } To-wit:

I, Ellen L. Bolvard, a Notary Public of said County, do hereby certify that Earl
and Rena Mae Conrad
whose name S signed to the within writing bearing date the 22 day of June, 1982
has W 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
My Commission expires _____

OHIO ACKNOWLEDGMENT
STATE OF OHIO, }
COUNTY OF Fairfield } SS.

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

04/26/2024



FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION INTERSECTION OF ROAD 215.53' NW. OF LOC. ELEV=795'

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.

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

PLACE SEAL HERE

(+) 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. 47-085-6273
 STATE WEST VIRGINIA COUNTY MITCHELL PERMIT 04/26/2024

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 755' WATER SHED CONRAD RUN OF SPRUCE CREEK
 DISTRICT MURPHY COUNTY RITCHIE
 QUADRANGLE BURNT HOUSE 75'
 SURFACE OWNER A. JONES ACREAGE 20 OF 52.5
 OIL & GAS ROYALTY OWNER DESSIE CONRAD HINKLE LEASE ACREAGE 20 OF 60
 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 5900'
 WELL OPERATOR GENE STALNAKER INC. DESIGNATED AGENT GENE STALNAKER, INC.
 ADDRESS P.O. BOX 178-220 W. MAIN ST. GLENVILLE, W. Va. 26351 ADDRESS P.O. BOX 178-220 W. MAIN ST. GLENVILLE, W. Va. 26351