



1) Date: May 16, 19 83  
2) Operator's Well No. CUNNINGHAM # 1  
3) API Well No. 47 - 085 - 6647  
State County Permit

DRILLING CONTRACTOR:  
ALAN GABLE OIL DEVELOPMENT CO.  
DAVISVILLE, W 26142

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil XX / Gas XX /  
B (If "Gas", Production XX / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow \_\_\_\_\_)
- 5) LOCATION: Elevation: 1140 Watershed: SUGARCAMP RUN  
District: GRANT County: RITCHIE Quadrangle: HARRISVILLE
- 6) WELL OPERATOR ALAN GABLE OIL DEV. CO. 11) DESIGNATED AGENT RON KUDELLA  
Address PO BOX 166 Address PO BOX 166  
DAVISVILLE, WV 26142 DAVISVILLE, WV 26142
- 7) OIL & GAS ROYALTY OWNER L.B. Cunningham, etal 12) COAL OPERATOR N/A  
Address Rt 1 Box 35 Address \_\_\_\_\_  
Cairo, WV
- 8) SURFACE OWNER C.W. CUNNINGHAM 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_ Address n/a  
Address \_\_\_\_\_ Name \_\_\_\_\_  
Acreage 41 1/2 Address \_\_\_\_\_
- 9) FIELD SALE (IF MADE) TO:  
Address \_\_\_\_\_
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
Name SAM HERSMAN Address \_\_\_\_\_  
Address PO BOX 66  
SMITHVILLE, WV
- 15) PROPOSED WORK: Drill XX / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Fracture or stimulate \_\_\_\_\_  
Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
Other physical change in well (specify) \_\_\_\_\_
- 16) GEOLOGICAL TARGET FORMATION, MARCELLUS
- 17) Estimated depth of completed well, 5900 feet
- 18) Approximate water strata depths: Fresh, 340 feet; salt, 800 feet.
- 19) Approximate coal seam depths: n/a Is coal being mined in the area? Yes XXXX / No XXXX
- 20) CASING AND TUBING PROGRAM

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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	J55		x		<del>300</del> 375	<del>300</del> 375	cts	Kinds <u>by Rule 15-05</u>
Fresh water									Sizes
Coal									
Intermediate	8 5/8	J55	24 1/2	x		1200	1200	to surface	
Production	4 1/2	J55	10.5	x			5900	600 sks	Depths set <u>OR AS REQ</u> <u>by Rule 15-01</u>
Tubing									Perforations:
Liners									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: C. JO MCCRADY Signed: [Signature]  
My Commission Expires JULY 17, 1989 Its: DESIGNATED AGENT

OFFICE USE ONLY

Permit number 47-085-6647 **DRILLING PERMIT** August 8 19 83  
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 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 April 8, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>B</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>848</u>
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Administrator, Office of Oil and Gas

Line Item Explanation



- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.  
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
  - (1) A brief description of the tract of land including the district and county wherein the tract is located;
  - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
  - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
  - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this permit was 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



DATE MAY 5, 83  
WELL NO. CUNNINGHAM #1  
API NO. 47-085-6647

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

**ALAN GABLE**

COMPANY NAME OIL DEVELOPMENT

DESIGNATED AGENT RON KUDELLA

Address P.O. BOX 165 DAVISVILLE, W.V. 26142

Address P.O. BOX 165 DAVISVILLE, W.V.

Telephone 304-424-5220

Telephone 304-424-5220

LANDOWNER C.W. CUNNINGHAM

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by RON KUDELLA

(Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 5-7-83

(Date)

Jarrett Newton  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure CROSS DRAINS (A)

Structure None needed. (1)

Spacing 250' AT 2%

Material \_\_\_\_\_

Page Ref. Manual 2-4

Page Ref. Manual \_\_\_\_\_

Structure OPEN DRAIN (B)

Structure \_\_\_\_\_ (2)

Spacing \_\_\_\_\_

Material \_\_\_\_\_

Page Ref. Manual 2-12

Page Ref. Manual \_\_\_\_\_

Structure CULVERT - C.M.P. (C)

Structure \_\_\_\_\_ (3)

Spacing AT EXISTING ACCESS ROAD

Material \_\_\_\_\_

Page Ref. Manual 2-7

Page Ref. Manual \_\_\_\_\_

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.

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REVEGETATION

Treatment Area I

Treatment Area I

OIL & GAS DIVISION  
DEPT. OF MINES

Line \_\_\_\_\_ Tons/acre  
or correct to pH 6.5

Line \_\_\_\_\_ Tons/acre  
or correct to pH 6.5

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

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

Mulch HAY 1.5 Tons/acre

Mulch HAY 1.5 Tons/acre

Seed\* KY 31 40 lbs/acre

Seed\* KY 31 40 lbs/acre

REDTOP 5 lbs/acre

REDTOP 5 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.

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PLAN PREPARED BY NEAL HUGHES

ADDRESS RT. 1 BOX 2

BIREA, W.V. 26327

PHONE NO. 304-659-2378

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

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE CAIRO & HARRISVILLE 7 1/2'

LEGEND

Well Site ⊕

Access Road ———



WELL SITE PLAN

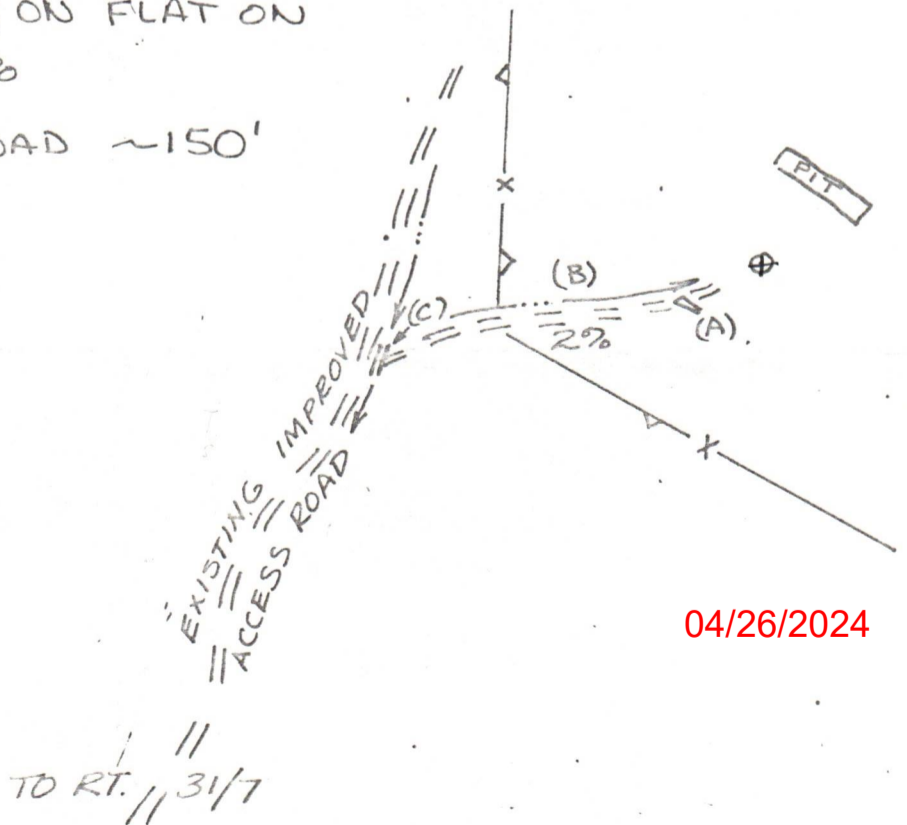
Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary ———	Diversion // // // // //
Road = = = = =	Spring ○ →
Existing fence — x — x —	Wet spot ⊕
Planned fence — / — / —	Building [ ]
Stream ~ ~ ~ ~ ~	Drain pipe — ○ — ○ — ○ —
Open ditch — ··· — ··· — ··· —	Waterway ⇄ ⇄ ⇄ ⇄ ⇄

COMMENTS:

- (1) SITE IS WOODED; ON FLAT ON POINT; SLOPE 2%
- (2) NEW ACCESS ROAD ~150'



04/26/2024



04/26/2024

# OIL DEVELOPMENT COMPANY

## ROYALTY PROVISIONS

CUNNINGHAM # 1                      Grant District, Ritchie Co., WV

41 1/2 acres

L. B. & Reedy A. Cunningham, Ethel V. & Robert O. Oiler, Virginia & Ralph Mercer, Charles A. Cunningham, Betty & Kenneth Osborn share 1/8 royalty interest.

Ronald Six receives a 1/32 overriding interest.

Alan Gable Oil Development receives the remaining working interest.

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OIL AND GAS LEASE

JUN - 8 1983

AGREEMENT, made and entered into this 27 day of APRIL A. D. 1982, by and between L.B. CUNNINGHAM AND REEDY A. CUNNINGHAM HIS WIFE; ETHEL V. OILER AND ROBERT D. OILER, HER HUSBAND; RALPH E. MERCER, HER HUSBAND; CHARLES A. CUNNINGHAM SINGLE; BETTY OSBORN AND KENNETH OSBORN HER HUSBAND of ALAN GABLE party of the first part, hereinafter called Lessor (whether one or more), and OIL DEVELOPMENT 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 GRANT District, County of FITCHIE, State of W. VA., and described as follows, to-wit: Bounded on the

NORTH by lands of JAMES GRIFFIN HRS. EAST by lands of MACK MASON SOUTH by lands of SOPHIA ROLLINS WEST by lands of MARTIN M. PARKS Containing 41 1/2 acres, more or less and being the same land conveyed to lessor by deed dated DEED and recorded in said county records in DEED Book No. 135 Page 561

2. It is agreed that this lease shall remain in force for a primary term of (1) ONE 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 1/8 ONE-EIGHTH

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 APRIL 27, 1983, unless Lessee pays thereafter a rental of \$41.50 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 ABOVE NAMES direct, or by check payable to his (or her) order mailed to 401 Camp Hill Rd. Rt. 35 26337 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 registered 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. 04/26/2024

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.

This instrument prepared by John C. Finkle

O. B. 131/130

conveyed to Catharine Freeman, March 19, 1891, by John Huntsman, which deed is recorded in the office of the Clerk of the County Court of Ritchie County, West Virginia, in Deed Book No. 42, at page 194 thereof, deducting said exception leaves 9-1/8 acres, be the same more or less, hereby conveyed.

Being the same tract of real estate which was conveyed by Dirinda Edwards and J. B. Edwards, her husband, to Charles Cunningham, by deed bearing date the 9th day of August, 1910, and of record in said County Clerk's office, in Deed Book No. 63, at page 537 thereof. And being the same tract of real estate which is assessed on the land books of Ritchie County, West Virginia, in Grant District thereof, for the year 1954, as "Cunningham, Charley fee 9-1/8 Acres, Low Gap."

SECOND TRACT: Beginning at a chestnut oak on a ridge, corner to lands owned by A. M.

Douglass and Windham, thence with said Windham's line, N. 70 E. 26 poles and 18 links to a stone and pointers, corner to lands purchased by \_\_\_\_\_ Garrison, thence with one of his lines, S. 52-1/4 E. 31 poles and 9 links to a double chestnut oak corner to lands purchased by B. F. Rollins, Sr., thence with his lines S. 70-1/4 E. 36 poles to a stone and pointers on a knob, thence S. 22-1/2 E. 16 poles and 22 links to a stone in said Rollins' line, thence S. 45 W. 33 poles and 17 links to a stone on a point, thence S. 35-1/2 W. 52 poles and 12 links to a stone and pointers on point, thence N. 54-3/4 W. 15 poles and 13 links crossing a branch of Sugar Camp Run to a beech, thence N. 35-1/4 W. 33 poles and 15 links to a stone pile against side hill, thence N. 53-3/4 W. 26 poles to a stone and hickory pointer in a line of said Douglass lands, thence with part of one and two of said lines N. 24-1/4 E. 20 poles to a C. O. Snag, thence N. 5-1/2 E. 18 poles and 10 links to a C. O. and pointers, thence N. 13-3/4 E. 13 poles and 18 links to the place of beginning, containing 41-1/2 Acres, more or less.

Being the same tract of real estate which was conveyed by Van A. Zeverly, Trustee, to

C. W. Cunningham, by deed bearing date the 25th day of March, 1913, and of record in said County

Clerk's office, in Deed Book No. 68, at page 245 thereof.

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OIL & GAS DIVISION DEPT. OF MINES

# ASSIGNMENT OF OIL AND GAS LEASE

KNOW ALL MEN BY THESE PRESENTS:

That the undersigned,  
ALAN GABLE OIL DEVELOPMENT CO.

hereinafter called Assignor (whether one or more), for and in consideration of One Dollar (\$1.00) the receipt whereof is hereby acknowledged, does hereby sell, assign, transfer and set over unto

RONALD SIX

(hereinafter called Assignee), 1/32 nd interest, subject to the overriding royalty reservation hereinafter set out, in and to the oil and gas lease dated APRIL 27, 1982, from

L.B. CUNNINGHAM, ETHEL AND ROBERT OILER, VIRGINIA AND RALPH MERCER, CHARLES CUNNINGHAM lessor  
to BETTY AND KENNETH OSBORN OIL DEVELOPMENT CO. lessee

recorded in book 146, page 345 insofar as said lease covers the following described land in RITCHIE County, State of WEST VIRGINIA:

North by James Griffin Heirs  
East by Mack Mason  
South by Sophia Rollins  
West by Martin Parks

of Section district of Grant Range \_\_\_\_\_ and containing 41 1/2 acres, more or less together with the rights incident thereto and the personal property thereon, appurtenant thereto, or used or obtained in connection therewith.

In the event the assignee herein shall elect to not pay the rental due under the lease herein assigned, Assignee agrees, at least thirty days prior to any such rental date, to tender to the Assignor herein an assignment, without warranty of title, of all of the interest herein assigned.

The Assignor herein hereby expressly excepts, reserves, and retains title to an undivided \_\_\_\_\_

\_\_\_\_\_ of all oil, gas, and casinghead gas produced, saved, and marketed from the above described land under the provisions of the aforesaid lease, or any extension or renewal thereof, as an overriding royalty, free and clear of any cost and expense of the development and operation thereof, excepting taxes applicable to said interest and the production therefrom.

And for the same consideration the Assignor covenants with the Assignee, its or his heirs, successors, or assigns: That the Assignor is the lawful owner of and has good title to the interest above assigned in and to said lease, estate, rights, and property, free and clear from all liens, encumbrances or adverse claims; That said lease is a valid and subsisting lease on the land above described, and all rentals and royalties due thereunder have been paid and all conditions necessary to keep the same in full force have been duly performed.

All of the provisions of this assignment shall be available to and binding upon the respective heirs, executors, administrators, successors, and assigns of the Assignor and Assignee herein.

EXECUTED, This 15th day of December, 1982

*Jenais Harmon*  
*Jenais Harmon*

X *Ronald Six*  
X *Ron Kudella*

STATE OF West Virginia }  
COUNTY OF Ritchie } ss. ACKNOWLEDGMENT FOR INDIVIDUAL (Kans. Okla. and Colo.)

Before me, the undersigned, a Notary Public, within and for said County and State, on this 15th day of December, 1982, personally appeared Ronald Six **04/26/2024** and Ron Kudella of Oil Development Co.

to me personally known to be the identical person who executed the within and foregoing instrument and acknowledged to me that \_\_\_\_\_ executed the same as \_\_\_\_\_ free and voluntary act and deed for the uses and purposes therein set forth. IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written.

My commission expires July 17, 1989  
*[Signature]*  
Notary Public

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IV-35  
(Rev 8-81)

OIL & GAS DIVISION  
DEPT. OF MINES  
State of West Virginia  
Department of Mines  
Oil and Gas Division

Date December 1, 1983  
Operator's Well No. Cunningham #1  
Farm C.W. Cunningham  
API No. 47 - 085 - 6647

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

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

LOCATION: Elevation: 1140 Watershed Sugarcamp Run  
District: Grant County Ritchie Quadrangle Harrisville

COMPANY Alan Gable Oil Development Co.  
ADDRESS P O Box 166, Davisville, WV  
DESIGNATED AGENT Ronald Kudella  
ADDRESS same  
SURFACE OWNER C. W. Cunningham  
ADDRESS Cairo, WV  
MINERAL RIGHTS OWNER L.B. Cunningham, etal  
ADDRESS Cairo, Wv  
OIL AND GAS INSPECTOR FOR THIS WORK  
Sam Hersman ADDRESS Smithville, Wv  
PERMIT ISSUED Aug 8, 1983  
DRILLING COMMENCED 10/4/83  
DRILLING COMPLETED 10/13/83

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.		40'	25 sks
13-10"			
9 5/8			
8 5/8		1245'	300 sks
7			
5 1/2			
4 1/2		5260	650 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Marcellus Depth 5900 feet  
Depth of completed well 5260 feet Rotary  / Cable Tools  
Water strata depth: Fresh 340 feet; Salt 800 feet  
Coal seam depths: n/a Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Alexander, Benson, Riley Pay zone depth 5113-4550 feet  
Gas: Initial open flow 3.2 M Mcf/d Oil: Initial open flow 0 Bbl/d  
Final open flow 2.14M Mcf/d Final open flow 5] Bbl/d  
Time of open flow between initial and final tests 5 hours  
Static rock pressure 900 psig (surface measurement) after 24 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation Bradford Speechely, Balltown Pay zone depth 3707-4257 feet  
Gas: Initial open flow aa Mcf/d Oil: Initial open flow aa Bbl/d  
Final open flow aa Mcf/d Oil: Final open flow aa Bbl/d  
Time of open flow between initial and final tests aa hours  
Static rock pressure aa psig (surface measurement) after aa hours shut in

(Continue on reverse side)

RIT 6647

04/26/2024

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

1st stage		2nd stage	
5113-08	10 holes	4234-36	3 holes
4899-4903	5	4034-35	2
4804--06	3	3916-22	6
4607-10	3	3882-87	4
4596-98	3 750 MCF N2	3815-17	3 750 MCF N2
4550-53	4	3730-31	2
		3721-23	4
		3707-11	4

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
0 to 1523			n/a		
1st salt			1523	1625	
2nd salt			1638	1708	
3rd salt			1806	1870	
Maxon			1909	1977	
Big Lime			1985	2059	
Big Injun			2061	2171	
Berea			2592	----	
Gantz			2652	2667	oil and gas
Gordon			2944	2956	oil and gas
Upper Speechley			3467	3552	oil and gas
Lower Speechely			3679	3739	oil and gas
Balltown			3823	4018	oil and gas
Bradford			4050	4200	gas
Riley			4606	4666	gas
Benson			4898	4904	gas
Alexander			5037	5117	gas
T.D.			5264		

(Attach separate sheets as necessary)

Alan Gable Oil Development Co,

Well Operator

By: Jubal S. Terry

04/26/2024

Date: December 1, 1983

Note: Regulation 2.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including ..., encountered in the drilling of a well."

RECEIVED

MAR 30 1984



IV-35 (Rev 8-81)

OIL & GAS DIVISION DEPT. OF MINES State of West Virginia Department of Mines Oil and Gas Division

Date March 26, 1984 Operator's Well No. CUNNINGHAM # 1 Farm C.W. Cunningham API No. 47 - 085 - 6647

REVISED

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

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

LOCATION: Elevation: 1140 Watershed Sugarcamp Run District: Grant County Ritchie Quadrangle Harrisville

COMPANY Alan Gable Oil Development Co.

ADDRESS P O Box 166, Davisville, WV

DESIGNATED AGENT Ronald Kudella

ADDRESS P O Box 166, Davisville, WV

SURFACE OWNER C.W. Cunningham

ADDRESS Cairo, WV

MINERAL RIGHTS OWNER L.B. Cunningham

ADDRESS Cairo, WV

OIL AND GAS INSPECTOR FOR THIS WORK

Sam Hersman ADDRESS Smithville, WV

PERMIT ISSUED Aug. 8, 1983

DRILLING COMMENCED 10/4/83

DRILLING COMPLETED 10/13/83

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

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 13-10", 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Marcellus Depth 5900 feet

Depth of completed well 5226 feet Rotary xxx / Cable Tools

Water strata depth: Fresh 170 feet; Salt 250 feet

Coal seam depths: n/a Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 4600 feet

Gas: Initial open flow 568 Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow 491 Mcf/d Final open flow 1 Bbl/d

Time of open flow between initial and final tests 24 hours

Static rock pressure 850 psig (surface measurement) after 48 hours shut in (If applicable due to multiple completion--)

Second producing formation Pay zone depth 04/26/2024 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)

RECEIVED  
OIL & GAS DIVISION  
DEPT. OF MINES

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

STAGE 1  
5103-08 10 holes  
4894-98 5  
4800-02 3  
4593-4606 6  
4546-49 4  
4354-56 2  
4228-31 3  
4076-78 2  
3910-16 6  
3408-82 8

STAGE 2  
3700-26 10 holes  
2929-43 6  
2650-98 14  
750 mcf N2

750 mcf N2

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fres and salt water, coal, oil and ga
0 to 1523			n/a	n/a	no samples taken on logs ru
1st salt			1523	1625	
2nd salt			1638	1708	
3rd salt			1806	1870	
Maxon			1909	1977	
Big Lime			1985	2059	
Big Injun			2061	2171	
Berea			2542	2542	
Gantz			2652	2667	
Gordon			2944	2956	
Upper Speechley			3467	3552	
Lowe Speechley			3679	3739	
Balltown			3823	3918	
Bradford			4050	4100	
Riley			4606	4666	
Benson			4898	4904	
Alexander			5037	5117	
TD			5264		

(Attach separate sheets as necessary)

Alan Gable Oil Development Co.

Well Operator

By: Jeffrey L. Loudin

Date: March 26, 1984

04/26/2024

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  
OCT 11 1983

INSPECTOR'S WELL REPORT

Permit No. 85-6647

OIL & GAS DIVISION  
DEPT. OF MINES

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

Drillers' Names Roscoe C. Rogers Jerry Lambert Jim Copeland

Oil Dev. Rig # 1 Tool Packer Elvon Nichols

Remarks: Visit 645 foot deep. Pit being allowed to lose soap. Had seal put on flow pipe to correct situation.

10-5-83  
DATE

Samuel N. H. [Signature]  
DISTRICT WELL INSPECTOR

04/26/2024

Form 26  
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: \_\_\_\_\_

\_\_\_\_\_ I hereby certify I visited the above well on this date.  
DATE

DISTRICT WELL INSPECTOR  
04/26/2024

RECEIVED

JUN 28 1984



OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305  
FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT

COMPANY Alan Gable Oil Development Co.

PERMIT NO 085-6647 (8-8-83)

P. O. Box 166

FARM & WELL NO Cunningham #1

Davisville, West Virginia 26142

DIST. & COUNTY Grant/Ritchie

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work		
25.04	Prepared before Drilling to Prevent Waste		
25.03	High-Pressure Drilling		
16.01	Required Permits at Wellsite		
15.03	Adequate Fresh Water Casing		
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing		
15.04	Adequate Cement Strenght		
15.05	Cement Type		
23.02	Maintained Access Roads		
25.01	Necessary Equipment to Prevent Waste		
23.04	Reclaimed Drilling Pits		
23.05	No Surface or Underground Pollution		
23.07	Requirements for Production & Gathering Pipelines		
16.01	Well Records on Site		
16.02	Well Records Filed		
7.05	Identification Markings		

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Samuel N. Hersman

DATE 6-26-84

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

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

July 19, 1984

DATE

TMS/rls

04/26/2024



1.0 API well number (If not available, leave blank. 14 digits.)	47-085-6647												
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<del>103</del> <del>103</del> Section of NGPA												
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5113												
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Alan Gable Oil Development Co. & Gas Development P O Box 166 Street Davisville WV 26142 City State Zip Code												
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Field Name Ritchie Co. WV County State												
(b) For OCS wells:	Area Name _____ Block Number _____ Date of Lease: _____ Mo. Day Yr. OCS Lease Number _____												
(c) Name and identification number of this well: (35 letters and digits maximum.)	Cunningham #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.)	Cabot Corp. Name Buyer Code												
(b) Date of the contract:	_____ Mo. Day Yr.												
(c) Estimated annual production:	_____ MMcf.												
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">(a) Base Price (\$/MMBTU)</th> <th style="width:25%;">(b) Tax</th> <th style="width:25%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:25%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">-----</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">-----</td> </tr> <tr> <td style="text-align: center;">-----</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">-----</td> </tr> </tbody> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	-----	-----	-----	-----	-----	-----	-----	-----
(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)										
-----	-----	-----	-----										
-----	-----	-----	-----										
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)													
9.0 Person responsible for this application:	Ronald Kudella Designated Agent Name Title Signature February 14, 1984 304-424-5220 Date Application is Completed Phone Number												

RECEIVED  
 FEB 22 1984  
 DEPT. OF MINES  
 SELLER CODE

Agency Use Only
Date Received by Juris. Agency <b>FEB 22 1984</b>
Date Received by FERC

04/26/2024

DATE: MAR 30 1984

BUYER-SELLER CODE \_\_\_\_\_

PARTICIPANTS:

WELL OPERATOR: Alan Gable Oil Development  
FIRST PURCHASER: Cabot Corp  
OTHER: \_\_\_\_\_

W. Va. Department of Mines, Oil & Gas Division  
WELL DETERMINATION FILE NUMBER  
840222-103-085-6647  
Use Above File Number on all Communications  
Relating to Determination of this Well

1500'

Qualific

**APPROVED**

APR 27 1984

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. PERC -121 \_\_\_\_\_ Items not completed - Line No. \_\_\_\_\_
- 2. IV-1 Agent \_\_\_\_\_
- 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: \_\_\_\_\_ Date completed \_\_\_\_\_ Deepened \_\_\_\_\_
- (5) Production Depth: \_\_\_\_\_
- (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 \_\_\_\_\_
- 10-17. Is affidavit signed? \_\_\_\_\_ Notarized? \_\_\_\_\_ 04/26/2024
- Does official well record with the Department confirm the submitted information? \_\_\_\_\_
- Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
- Was Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_

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

Date February 14, 1984

Operator's Well No. Cunningham #1

API Well No. 27 - 085 - 6647  
State County Perm

Previous File No. \_\_\_\_\_  
(If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Alan Gable Oil Development  
ADDRESS P O BOX 166  
Davisville, WV 26142

DESIGNATED AGENT Ronald Kudella  
ADDRESS P O Box 166  
Davisville, WV 26142

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

Water Chart Code \_\_\_\_\_  
Name of First Purchaser Cabot Corp.

Box 8807  
(Street or P. O. Box)  
Charleston, WV 25303  
(City) (State) (Zip Code)

FERC Seller Code \_\_\_\_\_

FERC Buyer Code \_\_\_\_\_

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 103 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.

Ronald Kudella Designated Agent  
Name (Print) Title  
Ronald Kudella  
Signature

P O Box 166  
Street or P. O. Box  
Davisville Wv 26142  
City State (Zip Code)  
(304) 424-5220  
Area Phone Number  
Code

(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 \_\_\_\_\_ under the Natural Gas Policy Act of 1975. (NGPA);  or for determination that increased production is the result of enhanced recovery technology under Section 103 of (NGPA);  or for determination of a seasonally affected well under Section 106 of (

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

FEB 22 1984

Date received by  
Jurisdictional Agency

04/26/2024  
Director  
By [Signature]  
Title \_\_\_\_\_

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

Date February 14 19 84

Operator's Well No. Cunningham #1

API Well No. 47 - 085 - 6647  
State County Permit

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT Ronald Kudella  
ADDRESS P O B0x 166

Davisville, WV 26142

WELL OPERATOR Alan Gable Oil Development Co. LOCATION: Elevation 1140

ADDRESS P O Box 166

Watershed Sugarcamp Run

Davisville, WV 26142

Dist. Grant County Ritchie Quad. Harrisville

GAS PURCHASER Cabot Corp.,

Gas Purchase Contract No. \_\_\_\_\_

ADDRESS Box 8807

Meter Chart Code \_\_\_\_\_

Chalreston, WV 25303

Date of Contract \_\_\_\_\_

\* \* \* \* \*

Date surface drilling was begun: 10/4/83

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

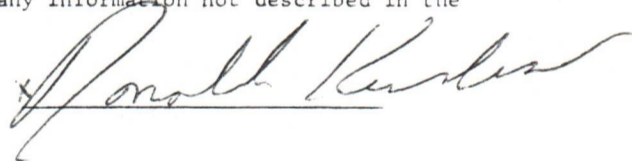
$$\text{BHP} = P. - P. ( e^x - 1 ) \quad x = \frac{\text{GL}}{53.32 \text{ Tr}} \quad \frac{.775 \quad 5260}{53.32 \quad 574}$$

$$\text{BHP} = 900 - 900 ( e^{.133} - 1 ) \quad x = .133$$

BHP = 1028 psig

AFFIDAVIT

I, Ronald Kudella, 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.



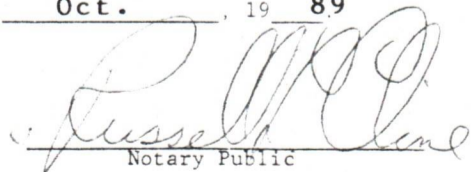
STATE OF WEST VIRGINIA,  
COUNTY OF Ritchie, TO WIT:

I, Russell L. Cline Notary Public in and for the state and county aforesaid, do certify that Ronald Kudella whose name is signed to the writing above, bearing date the \_\_\_ day of \_\_\_\_\_, 19\_\_\_, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this \_\_\_ day of \_\_\_\_\_, 19\_\_\_.

My term of office expires on the 22 day of Oct., 19 89

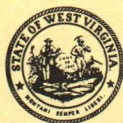
[NOTARIAL SEAL]

  
Notary Public

04/26/2024

IV-27  
11/23/81

RECEIVED  
MAY 21 1984



OIL & GAS DIVISION STATE OF WEST VIRGINIA  
DEPT. OF MINES DEPARTMENT OF MINES

Date: May 16-84  
Well No: Cunningham #1  
API NO: 47-085-6647  
State County Permit

### Oil and Gas Division NOTICE OF VIOLATION

WELL TYPE: Oil X / Gas X / Liquid Injection      / Waste Disposal      /  
Of "Gas" - Production X / Storage      / Deep      / Shallow      /  
LOCATION: Elevation: 1140 Watershed: Sugarcamp Run  
District: Grant County: Ritchie Quadrangle: Harrisville  
WELL OPERATOR Alan Sable Oil Dev. Co DESIGNATED AGENT Ron Audella  
Address P.O. Box 166 Address P.O. Box 166  
Davisville, WV 26142 Davisville, WV 26142

The above well is being posted this 16 day of May, 1984, for a violation of Code 22-4-12 B and/or Regulation     , set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

*No reclamation has been started, Pit still open  
no trees or brush cut + piled*

*(22-4-14 no A.P.I # at well site)*

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until May 23, 1984, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Samuel N. Hersman  
Oil and Gas Inspector

Address P.O. Box 66  
Smithville WV 26178

Telephone: 477-3504/26/2024

RECEIVED

MAY 21 1984

14-24  
1122781



DEPT. OF MINES  
OIL & GAS DIVISION  
STATE OF WEST VIRGINIA

Oil and Gas Division  
NOTICE OF VIOLATION

Date: May 18-84  
Well No: Donovan #1  
API No: 41-032-2247  
State County Permit

WELL TYPE: Oil  Gas  Liquid Injection  Waste Disposal   
OF GAS: Production  Storage  Deep  Shallow   
LOCATION: Elevation: 1140 Watershed: Donovan Camp Run  
District: Donovan County: Putnam  
WELL OPERATOR: Donovan Oil Co. Designated Agent: Donovan  
Address: P.O. Box 100  
Donovan, WV 26032

The above well is being posted this 10 day of May, 1984, for a violation of Code 22-4-12 and/or regulation 22-4-12 set forth in detail as follows:  
JUST REVERSE SIDE OF THIS NOTICE IF NECESSARY

*No violation has been stated. Put back open  
no bar or bond cut right*

(22-4-12 see APT # of well site)  
A copy of this notice has been posted at the well site and sent by certified registered mail to the indicated well operator or his designated agent.  
You are hereby granted until May 23, 1984, to abate this violation.  
Failure to abate the violation may result in action by the Department under Code 22-4-12 or Code 22-4-18.

Donovan  
Oil and Gas Inspector  
Address: P.O. Box 100  
Donovan, WV 26032  
Telephone: 477-8277

04/26/2024

Date: May 21, 19 84

Operator's Well No. Cunningham #1  
API Well No. 47 - 85-6647  
State County Permit

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

NOTICE EXTENDING ABATEMENT TIME

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

LOCATION: Elevation: 1140 Watershed: Sugarcamp Run  
District: Brant County: Petchie Quadrangle: Harrisville

WELL OPERATOR Alan Stahl Oil Dev. Co. DESIGNATED AGENT Ron Kudella  
Address P.O. Box 166 Address P.O. Box 166  
Danville WV 26142 Danville WV 26142

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above-named well on May 21, 19 84,

- Upon the expiration of a period of time originally fixed for abatement.
- Upon the order of the Deputy Director for Oil and Gas at the request of the well operator.
- Upon the request of the Deputy Director for Oil and Gas.

The violation of Code § <sup>22-4-1K</sup>22-4-12B, heretofore found to exist on May 16, 19 84,  
by Form IV-27, "Notice of Violation"  / Form IV-28, "Imminent Danger Order" \_\_\_ / of that date has  
not been totally abated. Accordingly, the well operator is--

- required to continue the cessation of operations until the imminent danger is totally abated.
  - granted an extension of time to totally abate the violation, until June 22, 19 84.
- This is the first  / second \_\_\_ / final \_\_\_ / extension of said Notice of Violation.

COMMENTS

*Operator has asked for extension of time to abate violation.*

*Violation is now partly abated (dirt work started)*

**RECEIVED**

MAY 29 1984

OIL & GAS DIVISION  
DEPT. OF MINES

Samuel M. Keroman 04/26/2024  
Oil and Gas Inspector  
Address P.O. Box 66  
Smithville WV 26178  
Telephone 477-3597

*[Faint handwritten notes at the top of the page, possibly including a date and some illegible text.]*

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DEPT. OF MINES  
OF CALIFORNIA  
RECEIVED

*[Faint handwritten notes at the bottom left, possibly including a name and a date.]*

04/26/2024



RECEIVED  
JUN 28 1984

OIL & GAS DIVISION  
DEPT. OF MINES

Date June 26, 19 84  
Operator's Well No. Cunningham  
#19  
API Well No. 47 - 085 - 6647  
State County Permit

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

NOTICE OF ABATEMENT

WELL TYPE: Oil  / Gas  / Liquid Injection \_\_\_\_\_ / Waste Disposal \_\_\_\_\_ /  
Underground  
If "Gas" - Production  / Storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow

LOCATION: Elevation: 1140 Watershed: Sugercamp Run  
District: Grant County: Ritchie Quadrangle: Harrisville

WELL OPERATOR Alan Holly Oil Dev Co. DESIGNATED AGENT Ron Hudella  
Address P.O. Box 166 Address P.O. Box 166  
Davisville WV 26142 Davisville WV 26142

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on June 26, 1984.

- Upon the expiration of a period of time originally fixed for abatement.
- Upon the order of the Deputy Director for Oil and Gas at the request of the well operator.
- Upon the request of the Deputy Director for Oil and Gas.

The violation of Code 22-4-1K ~~22-4-12B~~ heretofore found to exist on May 16 1984, by Form IV-27, "Notice of Violation"  /, Form IV-28, "Imminent Danger Order" \_\_\_\_\_ of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS: (USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

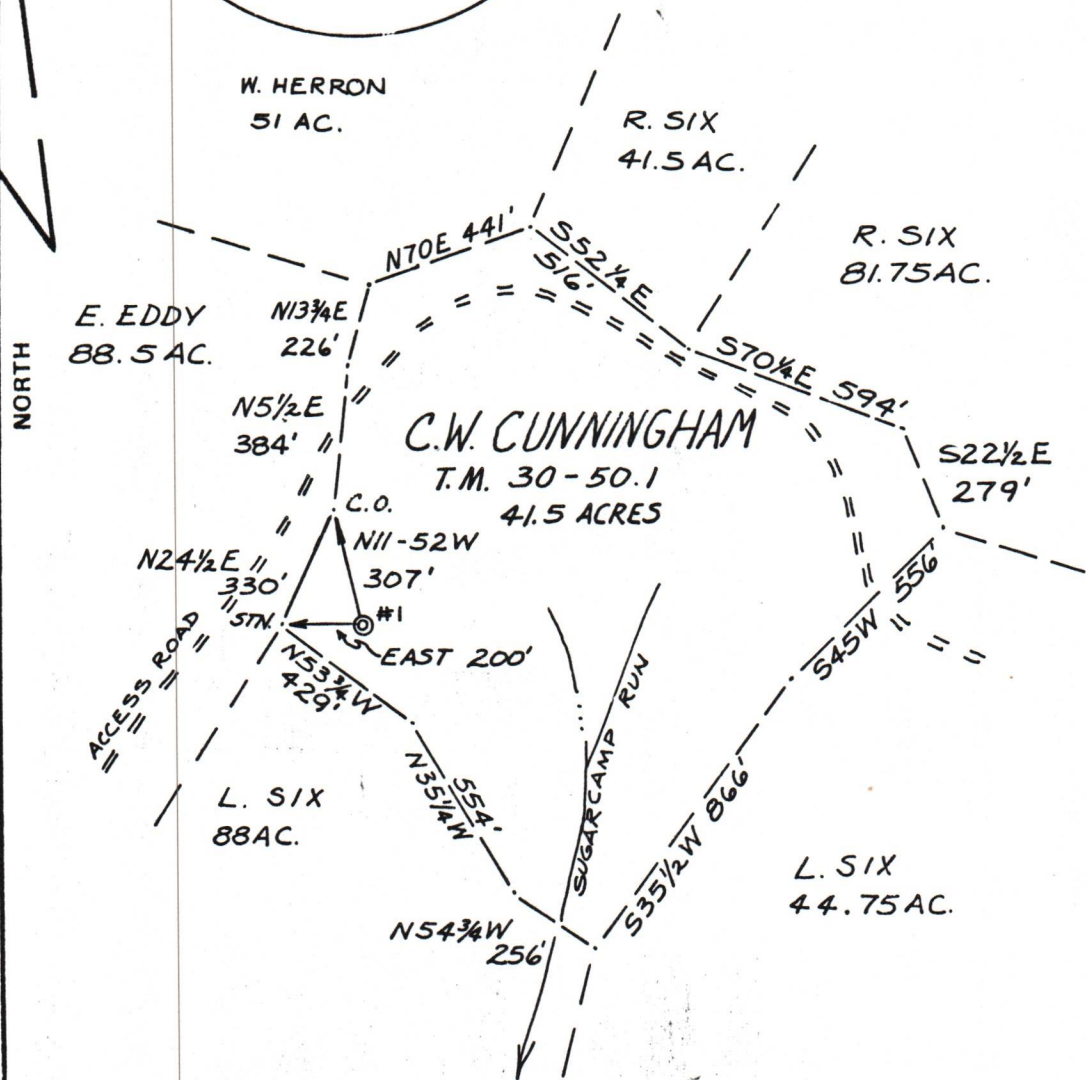
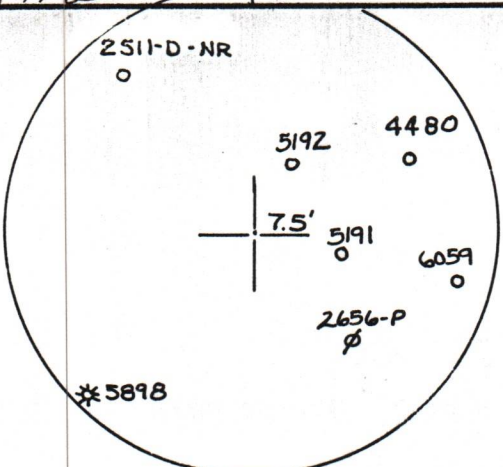
A copy of this NOTICE has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent. 04/26/2024

Samuel N. Heroman  
Oil and Gas Inspector  
Address P.O. Box 66  
Smithville WV 26178  
Telephone 477-3597



LATITUDE 39°12'30"

LONGITUDE 81°05'

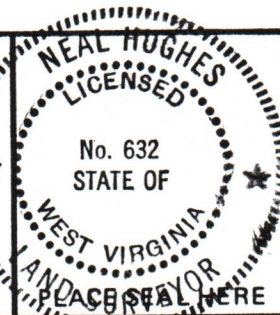


FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION RD. INTER. 706'  
 LOW GAP

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) Neal Hughes

R.P.E. \_\_\_\_\_ L.L.S. 632



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE APRIL 27, 19 83  
 OPERATOR'S WELL NO. CUNNINGHAM #1  
 API WELL NO. 47 - 085 - 6647  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 1140' WATER SHED SUGARCAMP RUN  
 DISTRICT GRANT COUNTY RITCHIE  
 QUADRANGLE HARRISVILLE 7 1/2'  
 SURFACE OWNER C.W. CUNNINGHAM ACREAGE 4 1/2  
 OIL & GAS ROYALTY OWNER \_\_\_\_\_ LEASE ACREAGE 04/26/2024  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 5900  
 WELL OPERATOR ALAN GABLE OIL DEV. CO. DESIGNATED AGENT RONALD KUDELLA  
 ADDRESS P.O. BOX 165 ADDRESS P.O. BOX 165  
DAVISVILLE, W.VA. 26142 DAVISVILLE, W.VA. 26142

R/T. 6647