



1) Date: MARCH 8, 19 83
 2) Operator's Well No. CAIRO OIL # 3
 3) API Well No. 47 -- 105 -- 1061
 State County Permit

DRILLING CONTRACTOR:

ALAN GABLE OIL DEVELOPMENT CO. STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
DAVISVILLE, WV 26142

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil xxxx / Gas xxx /
 B (If "Gas", Production xxx / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 820' Watershed: Straight Fork Creek
 District: Burning Springs County: Wirt Quadrangle: Macfarlan
- 6) WELL OPERATOR Alan Gable Oil Development Co. 11) DESIGNATED AGENT Ron Kudella
 Address P O Box 165 Address P O Box 165
Davisville, WV 26142 Davisville, WV 26142
- 7) OIL & GAS ROYALTY OWNER Milburn Anderson, Et al 12) COAL OPERATOR
 Address Westlaco, Texas Address n/a
78596
- 8) SURFACE OWNER Milburn Anderson et al 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address same as above Name n/a
 Acreage 545 Address
 Name
- 9) FIELD SALE (IF MADE) TO:
 Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Deo Mace Address
 Address Rt 1 Box 5 Address
Sandridge, WV 25274'
- 15) PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Marcellus Shale
- 17) Estimated depth of completed well, 5800 feet
- 18) Approximate water strata depths: Fresh, 100 feet; salt, 260 feet.
- 19) Approximate coal seam depths: n/a Is coal being mined in the area? Yes / No xxx

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	J55		x		350	350	cts	Kinds <u>NEAT</u>
Fresh water									
Coal									Sizes
Intermediate	8 5/8	J55	24 1/2	x		920	920	to surface	
Production	4 1/2	J55	10.5	x			5800	600 sks	Depths set
Tubing									
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: C. Jo McGrady Signed: [Signature]
 My Commission Expires July 17, 1989 Its: Designated Agent

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-105-1061 Date April 13 1983
01/12/2024

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 December 13, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>447</u>
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[Signature]
 Administrator, Office of Oil and Gas

Line Item Explanation

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

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

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

01/12/2024

Date: _____, 19____

By _____

Its _____



DATE MARCH 8, 1983
WELL NO. CAIRO OIL 3
API NO. 47-105-1061

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

ALAN GABLE
COMPANY NAME OIL DEVELOPMENT DESIGNATED AGENT RONALD KUDELL
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 MILBURN ANDERSON, ET AL. SOIL CONS. DISTRICT LITTLE KANAWHA
Revegetation to be carried out by RONALD KUDELLA (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 3-29-83 (Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>CROSS DRAINS</u> (A)	Structure <u>DIVERSION DITCH</u>
Spacing <u>60' AT 15% ; 80' AT 10%</u>	Material <u>SOIL (SEE SKETCH)</u>
Page Ref. Manual <u>2-4</u>	Page Ref. Manual <u>2-12</u>
Structure <u>OPEN DRAIN</u> (B)	Structure _____
Spacing <u>SEE SKETCH</u>	Material _____
Page Ref. Manual <u>2-12</u>	Page Ref. Manual _____
Structure <u>CULVERT - C.M.P.</u> (C)	Structure _____
Spacing _____	Material _____
Page Ref. Manual <u>2-7</u>	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.

REVEGETATION

Treatment Area I	Treatment Area II
Lime _____ Tons/acre or correct to pH <u>6.5</u>	Lime _____ Tons/acre or correct to pH <u>6.5</u>
Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>HAY</u> 1.5 Tons/acre	Mulch <u>HAY</u> 1.5 Tons/acre
Seed* <u>KY 31</u> 40 lbs/acre	Seed* <u>KY 31</u> 40 lbs/acre
<u>REDTOP</u> 5 lbs/acre	<u>REDTOP</u> 5 lbs/acre
<u>LADINO CLOVER</u> 3 lbs/acre	<u>LADINO CLOVER</u> 3 lbs/acre

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

01/12/2024

PLAN PREPARED BY NEAL HUGHES

ADDRESS RT. 1 BOX 2

BEREA, 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.

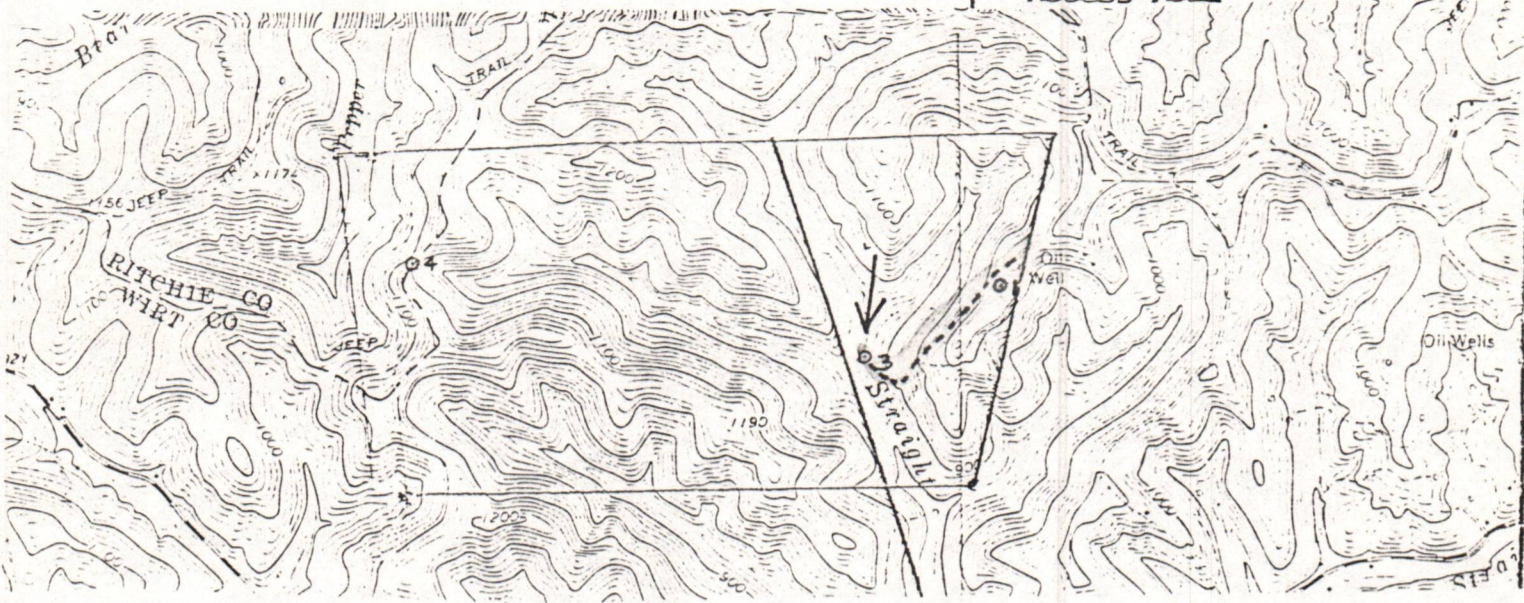
A-5

ATTACH OR PHOTOCOOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE MACFARLAN 7 1/2'

LEGEND

Well Site ⊕

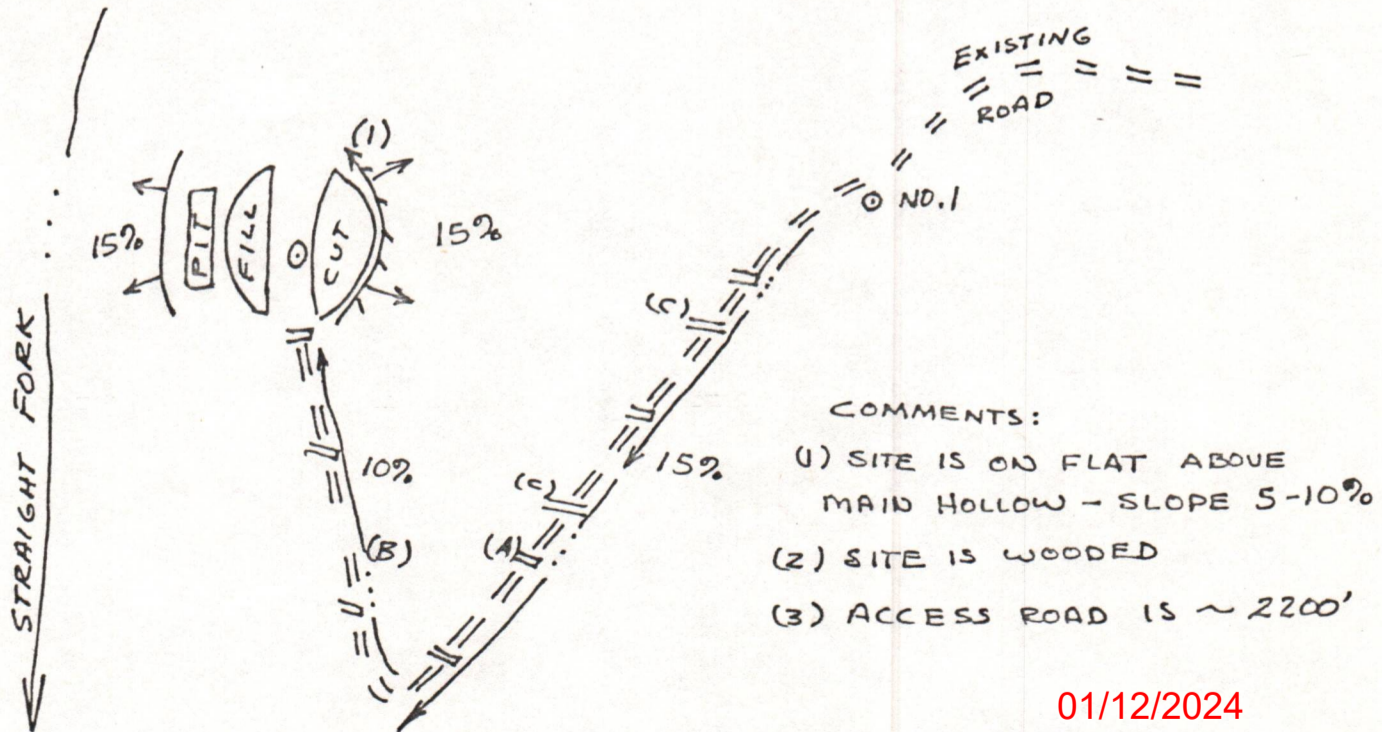
Access Road ————



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

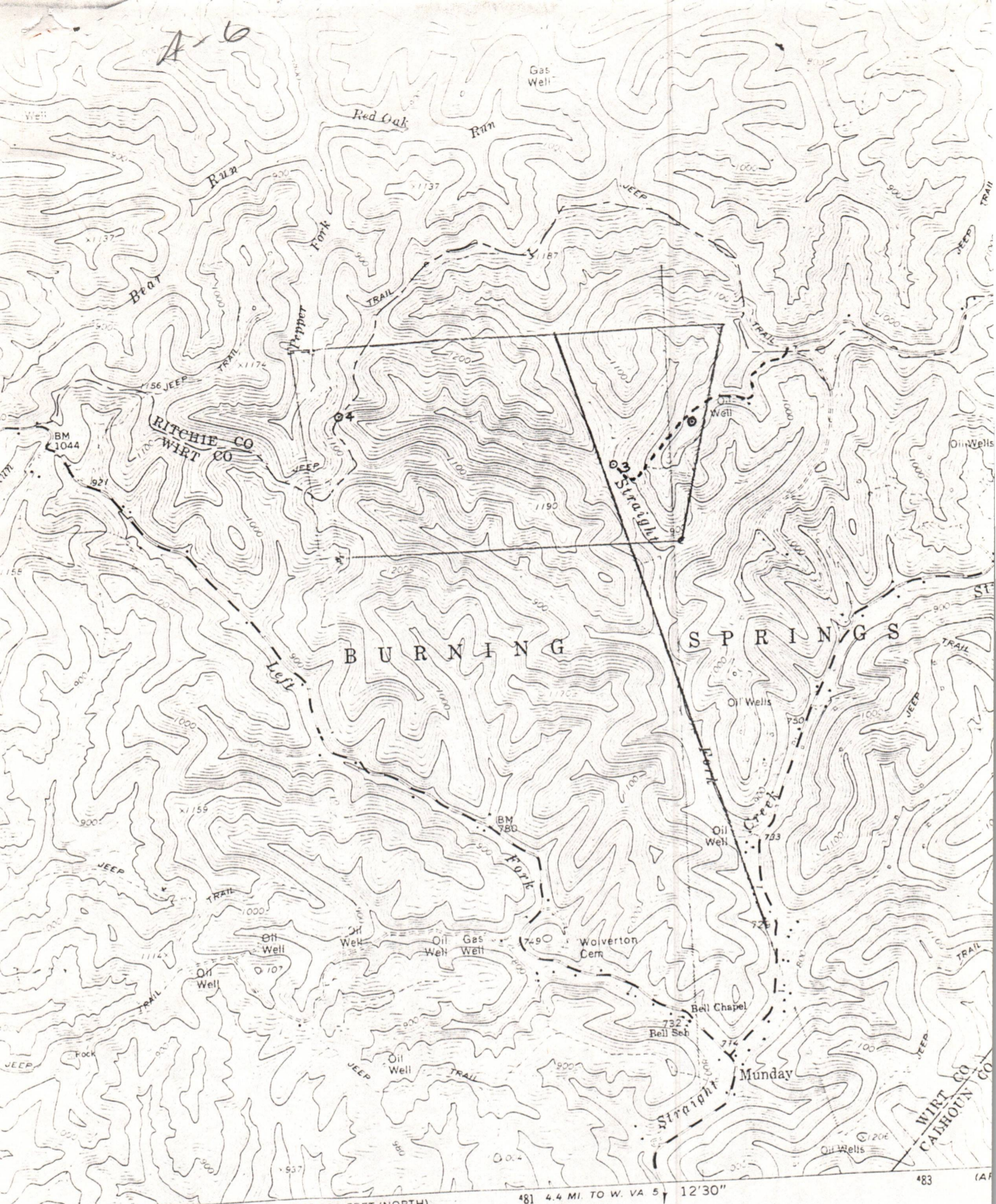
LEGEND

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

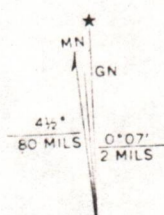


01/12/2024

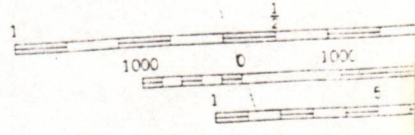
A-6



Map compiled, edited, and published by the Geological Survey
 Control by USGS, USC&GS, and USCE
 Topography by photogrammetric methods from aerial
 photographs taken 1962. Field checked 1964
 Polyconic projection. 1927 North American datum
 1000-foot grids based on West Virginia coordinate system, north
 and south zones
 1000-meter Universal Transverse Mercator grid ticks,
 zone 17, shown in blue
 Revisions shown in purple compiled in cooperation with
 State of West Virginia agencies from aerial photographs
 taken 1975. This information not field checked



UTM GRID AND 1975 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET



CON
 NATIONAL G

01/12/2024
 THIS MAP COMPLIES
 FOR SALE BY U.S. G
 A FOLDER DESCRIBING TOPO

PIRE

105-1061

A-1

OIL DEVELOPMENT COMPANY

CAIRO OIL # 3

BURNING SPRINGS DIST., WIRT COUNTY

ROYALTY PROVISIONS

Milburn E. Anderson and his heirs receives $9/10$ of $15/16$ of $1/8$ R.I.

Ann Stiernberg and his heirs receive 2.662 % of $1/8$ R.I.

Lloyd L. Stiernberg and his heirs receives 26.22 % of $1/10$ of $15/16$ of $1/8$ R.I. less the 2/662% to Ann.

Claude L. Carter and his heirs recieves 26.22 % of $1/10$ of $15/16$ of $1/8$

Jack Skaggs and his heirs receive 26.22 % of $1/10$ of $15/16$ of $1/8$

Rollins M. Koppel and his heirs receives 21.34 % of $1/10$ of $15/16$ of $1/8$

Herbert Scovelle, Jr. and his heirs receives $1/32$ of $1/8$

Orlena Firuski Gignoux and her heirs receive $1/32$ of $1/8$

W.R. Development Co. receive $1/16$ overriding interest.

Alan Gable Oil Development Co. receive remaining working interest.

A-8

THIS ASSIGNMENT, Made this 21st day of May, 1982, by and between W. R. DEVELOPMENT COMPANY, a corporation, party of the first part, and OIL DEVELOPMENT COMPANY, a corporation, party of the second part.

W I T N E S S E T H:

That for and in consideration of the sum of Ten (\$10.00) Dollars, cash in hand paid, and other good and valuable considerations, the receipt and sufficiency of all of which is hereby acknowledged, the said party of the first part does hereby sell, transfer, grant, convey, and assign unto the said party of the second part, subject to the exceptions and reservations hereinafter set out, all those certain oil and gas leases and oil and gas leasehold estates created hereby, situate in Burning Springs District of Wirt County, West Virginia and more particularly identified and described as follows:

BEGINNING at a white oak and pointers, a corner to the Abner Pepper land; thence with said Pepper land North 3 W. 214 poles to a white oak another corner of said Pepper land, also a corner in the line described in a Commissioner's deed made by Peter G. VanWinkle, Commissioner of forfeited and escheated land, to Henry Moore, bearing date on Nov. 25, 1846, recorded in Deed Book 14, Page 114, and 115, of the land records of Wirt County; thence North 87 E. 434 poles to pointers in the line of land claimed by A. A. Haught and C. W. Kemp; thence with the line of land claimed by A.A. Haught and C. W. Kemp S. 10' W. 220 poles to stake and pointers; thence S. 87 W. 384 poles to the place of beginning, containing 545 acres, more or less.

There is excepted and reserved for the benefit of the party of the first part, an overriding royalty of one-sixteenth (1/16) of all oil, gas and other petroleum hydrocarbons produced, saved and marketed from all formations underlying the said tract.

The party of the second part covenants and agrees to commence operation for the drilling of two separate wells upon the subject tract within one (1) year from the date of this Assignment

01/12/2024

104-983

and to pursue the drilling of said wells diligently to completion; that operations for the drilling of the first of these two (2) wells shall commence on or before ^{FEB 16} 270 days from the date of this Assignment; that the party of the second part further covenants and agrees to commence operations for the drilling of two additional wells upon the subject tract within the primary term of this leasehold, that being three (3) years; this making a total of at least four (4) wells to be commenced within the said three (3) year primary term.

This assignment is made subject to that certain agreement between the parties hereto, bearing even date herewith.

This assignment is further made subject to all the terms and conditions of the original leasehold agreements and assignments occurring in the Chain of Title.

WITNESS the following signatures:

W. R. DEVELOPMENT COMPANY

BY

Stephen D. Ward

ITS

President

***** ***** ***** ***** *****

STATE OF WEST VIRGINIA,
COUNTY OF WOOD, to-wit:

I, Bruce E. Doach, a Notary Public in the aforesaid County and State, do certify that Stephen D. Ward who signed the writing hereto annexed bearing date of the 21 day of May, 1982, for W. R. DEVELOPMENT COMPANY has this day in my said County, before me, acknowledged the said writing to be the act and agreement of said Corporation.

Given under my hand this 21 day of May, 1982.

My commission expires: JUNE 3 1991

Bruce E. Doach
Notary Public

01/12/2024

L. David Ward
Attorney at Law
P. O. Box 279
Elizabeth, WV 26143

A S S I G N M E N T

W. R. DEVELOPMENT COMPANY

TO:

OIL DEVELOPMENT COMPANY

Received for Record on the *2772* day of
May *1922* at *8:30* O'clock .. *A* .. M.
Recorded in the Office of the Clerk of the County Com-
mission of Wirt County, W. Va. *164*
in Deed Book No. at page. *983*
Barthelme
Clerk Wirt County Commission
\$ *2.00* PAID

L. DAVID WARD
ATTORNEY AT LAW
ELIZABETH, WEST VIRGINIA

01/12/2024

THIS ASSIGNMENT, Made this 21st day of May, 1982, by and between LEE A. BROWN, party of the first part, and W. R. DEVELOPMENT COMPANY, a corporation, party of the second part.

W I T N E S S E T H:

That for and in consideration of the sum of Ten (\$10.00) Dollars, cash in hand paid, and other good and valuable considerations, the receipt and sufficiency of all of which is hereby acknowledged, the said party of the first part does hereby sell, transfer, grant, convey, and assign unto the said party of the second part, subject to the exceptions and reservations hereinafter set out, all that certain oil and gas lease and oil and gas leasehold estate thereby created, situate in Burning Springs District of Wirt County, West Virginia, and more particularly identified and described as follows:

BEGINNING at a white oak and pointers, a corner to the Abner Pepper land; thence with said Pepper land North 3 W. 214 poles to a white oak another corner of said Pepper land, also a corner in the line described in a Commissioner's deed made by Peter G. VanWinkle, Commissioner of forfeited and escheated land, to Henry Moore, bearing date on Nov. 25, 1846, recorded in Deed Book 14, Page 114, and 115, of the land records of Wirt County; thence North 87 E. 434 poles to pointers in the line of land claimed by A. A. Haught and C. W. Kemp; thence with the line of land claimed by A.A. Haught and C. W. Kemp S. 10' W. 220 poles to stake and pointers; thence S. 87 W. 384 poles to the place of beginning, containing 545 acres, more or less.

Being a part of that certain lease of 902.25 acres which was leased by Florence M. Anderson, Ann Stiernberg Stone, Rollins M. Koppel, Dannie A. Carter, Executrix of the Estate of Claude E. Carter, Deceased, and Ruth Skaggs, Executrix of the Estate of Jack Skaggs, Deceased, to Lee A. Brown by lease dated the 1st day of May, 1982, and to be recorded simultaneously herewith.

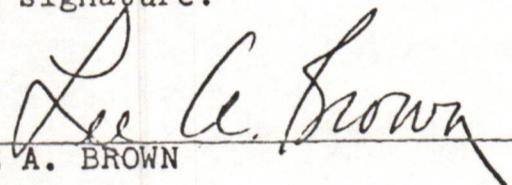
01/12/2024

The party of the second part covenants and agrees to commence operation for the drilling of two separate wells upon the subject tract within one (1) year from the date of this Assignment that the party of the second part further covenants and agrees to commence operations for the drilling of two additional wells upon the subject tract within the primary term of this leasehold, that being three (3) years; this making a total of at least four (4) wells to be commenced within the said three (3) year primary term

This assignment is made subject to that certain agreement between the parties hereto, bearing even date herewith.

This assignment is further made subject to all the terms and conditions of the original lease from Florence M. Anderson, et. als., to Lee A. Brown, as aforesaid, and to assignments, if any, occurring in the Chain of Title.

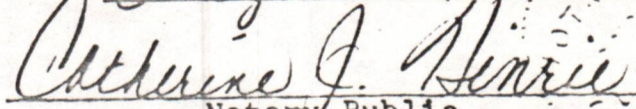
WITNESS the following signature:


LEE A. BROWN

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

The foregoing instrument was acknowledged before me this 22nd day of May, 1982, by LEE A. BROWN.

My commission expires: August 6, 1989


Notary Public

THIS INSTRUMENT PREPARED BY: Larry N. Sullivan, Attorney at Law,
217 Fourth Street (P. O. Box 542), Parkersburg, West Virginia,
26102-0542.

B-1



IV-35
(Rev 8-81)

RECEIVED
SEP 1 - 1983

OIL & GAS DIVISION
DEPT. OF MINE

State of West Virginia
Department of Mines
Oil and Gas Division

Date JULY 8, 1983
Operator's
Well No. CAIRO OIL # 3
Farm CAIRO OIL
API No. 47 - 105 - 1061

RECEIVED

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE 00171 1983

WELL TYPE: Oil~~xx~~ / Gas~~xx~~ / Liquid Injection / Waste Disposal OIL & GAS DIVISION
(If "Gas," Production x / Underground Storage / Deep DEPT. OF MINES)

LOCATION: Elevation: 820' Watershed Straight Fork Creek
District: Burning Springs County Wirt Quadrangle Macfarlan

COMPANY Alan Gable Oil Development Co.
ADDRESS P O Box 166, Davisville, WV 26142
DESIGNATED AGENT Ron Kudella
ADDRESS P O Box 166, Davisville, WV 26142
SURFACE OWNER Milburn Anderson, etal
ADDRESS Westlaco, Texas
MINERAL RIGHTS OWNER Milburn Anderson, etal
ADDRESS same
OIL AND GAS INSPECTOR FOR THIS WORK
Deo Mace ADDRESS Sandridge, WV
PERMIT ISSUED #1061
DRILLING COMMENCED May 14, 1983
DRILLING COMPLETED May 25, 1983
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 3/8	39'	25 sks
13-10"			
9 5/8			
8 5/8	8 5/8	883'	275 sks
7			
5 1/2			
4 1/2	4 1/2	4106	500 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Marcellus Depth 5800 feet
Depth of completed well 4106 feet Rotary xxx / Cable Tools _____
Water strata depth: Fresh 100 feet; Salt 260 feet
Coal seam depths: n/a Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Bradford Pay zone depth 3630-3999 feet
Gas: Initial open flow 820 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 660 Mcf/d Final open flow 1 Bbl/d
Time of open flow between initial and final tests 48 hours
Static rock pressure 760 psig (surface measurement) after 36 hours shut in
(If applicable due to multiple completion--)

01/12/2024

Second producing formation Balltown Pay zone depth 3474-3550 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)

B-2

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

Stage #1	Stage #2
3996-99 3 holes	3542-50 9 holes
3906-09 3	3524-27 4
3684-3745 16	3508-18 10
3630-46 11	3494-3502 9
	3474-78 5
1 MMCF N2	1 MMCF N2

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 555	na		
Pittsburg	Coal		555	n/a	
1st	Salt		1370	1400	
2nd	Salt		1490	1530	
3rd	Salt		1542	1572	
Maxon			1660	1698	
Big Lime			1700	1800	
Keener			1800	1837	
Big Injun			1838	1896	
Squaw			1912	1936	
Berea			2300	2305	
Gantz			2384	2400	
Gordon			2667	2678	
Upper Speechely			31250	3204	
Balltown			3470	2574	
Bradford			3850	3950	
TD			4135		

(Attach separate sheets as necessary)

Alan Gable Oil Development Co.

Well Operator

By: Jubal S. Terry

01/12/2024

Date: July 8, 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 coal, encountered in the drilling of a well."

B-3

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

RECEIVED

SEP 14 1983

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 105-1061

Oil or Gas Well _____
(KIND)

Company Alan Allen Gable

Address _____

Farm Cairo Oil

Well No. #3

District Burning Sp County Putnam

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: _____

Working on reclamation - some trees need pulled out & stacked - location partly mulched no ID

9-9-83
DATE

W. S. M...
DISTRICT WELL INSPECTOR

01/12/2024

B-12



RECEIVED
OCT 2 - 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 PERMIT NO 47-108-1061 (4-83)
Parkersburg, W.V.A.

FARM & WELL NO Cairo Oil - #3
DIST. & COUNTY B. Springs

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 Homer H. Dougherty
DATE 9/25/84

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. Abbott
Administrator-Oil & Gas Division

TMS/chm

November 8, 1984

DATE

01/12/2024

E-3

IV-27
11/23/81

RECEIVED

MAY 23 1983



STATE OF WEST VIRGINIA

OIL & GAS DIVISION DEPARTMENT OF MINES
DEPT. OF MINES

Oil and Gas Division

NOTICE OF VIOLATION

Date: MAY 19, 1983

Well No: CAIRO OIL #3

API NO: 47 - 105 1061
State County Permit

WELL TYPE: Oil / Gas Liquid Injection / Waste Disposal /
Of "Gas" - Production / Storage / Deep / Shallow /

LOCATION: Elevation: _____ Watershed: STRAIGHT CK.

District: BURNING SP County: WVAT Quadrangle: _____

WELL OPERATOR ALAN GABLE OIL DEV. DESIGNATED AGENT RON KUDELLA

Address P.O. BOX 165 Address _____
DAVISVILLE WV 26142

The above well is being posted this 19 day of MAY, 1983, for a violation of Code 22-4-12B and/or Regulation 23.04, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

PIT IS LEAKING SOAP & OIL INTO CREEK BECAUSE OF IMPROPERLY BUILT PIT.

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 20, 1983, 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.

Deo Muee

Oil and Gas Inspector

Address RT 1 BOX 5

Sand Ridge Wv

25274

Telephone: 606-7-0112/2024

Posted 5/28/83

11723X81
14-27

RECEIVED
MAY 23 1983



STATE OF WEST VIRGINIA
DEPT. OF MINES
Oil and Gas Division

NOTICE OF VIOLATION

Date: MAY 19 1983
Well No: CAIR # 3
APT NO: 14-27
State County Permit

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
Of "Gas" - Production Deep / Shallow
LOCATION: Watershed / Watershed
District: ... County: ... Quadrangle: ...

WELL OPERATOR: ...
DESIGNATED AGENT: ...
Address: ...
Telephone: ...

The above well is being posted this 19 day of MAY, 1983, for a violation of Code 22-4-17 and for regulation 23.04, set forth in detail as follows:
(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. You are hereby granted until MAY 20, 1983, 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.

Oil and Gas Inspector
Address: ...
Telephone: ...

01/12/2024

E-6

LARRY N. SULLIVAN
ATTORNEY AT LAW
217 FOURTH STREET
PARKERSBURG, WEST VIRGINIA 26101
P. O. BOX 542

TELEPHONE 485-0401
AREA CODE 304

August 30, 1982

Oil Development Company
1420 Seventh Street
Parkersburg, West Virginia 26101

Re: 545 Acres, Burning Springs
District, Wirt County, West
Virginia, Florence M. Anderson,
and others, Lease.

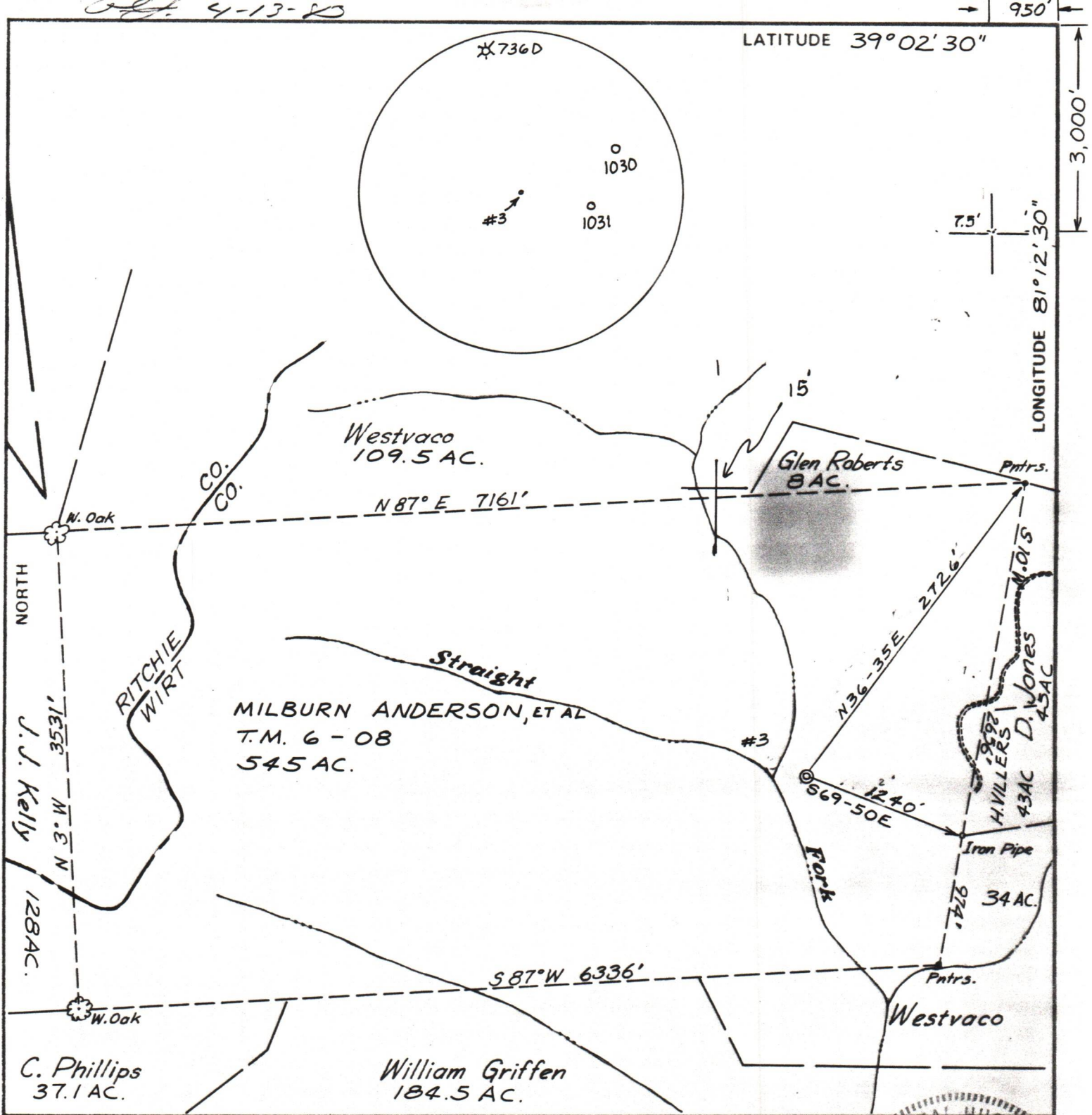
Gentlemen:

I do hereby certify that I have made a personal examination of the records in the Office of the Clerk of the County Commission, Clerk of the Circuit Court, and the Sheriff's Department, all of Wirt County, West Virginia, and based upon such examination, and subject to the correctness of the indices and records therein, and subject further to any state of facts not appearing of record, I hereby certify the title to you as follows:

DESCRIPTION

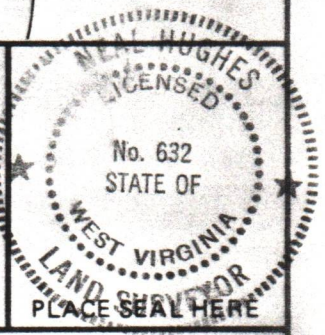
BEGINNING at a white oak and pointers a corner to the Abner Pepper land, thence with said pepper land N 3 W 214 poles to a white oak another corner of said Pepper land, also a corner in the line described in a commissioner's deed made by Peter G. VanWinkle, Commissioner of Forfeited and escheated land to Henry Moore bearing date on Nov. 25, 1846, recorded in deed book no. 14, pages 114 and 115 of the land records of Wirt County; thence N 87 E 434 poles to pc pointers in the line of land heretofore claimed by A. A. Haught and C. W. Kemp; thence with the line of land heretofore claimed by A. A. Haught and C. W. Kemp S 10 W 220 poles to a stake and pointers; thence S 87 W 384 poles to the place of beginning, containing 545 acres, more or less.

01/12/2024



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD INTERSECT.
941'

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. Neal Hughes
 (SIGNED) Neal Hughes
 R.P.E. _____ L.L.S. 632



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE SEPTEMBER 8, 19 82
 OPERATOR'S WELL NO. CAIRO OIL #
 API WELL NO. 47 - 105 - 1061
 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 850' WATER SHED STRAIGHT FORK CREEK
 DISTRICT BURNING SPRINGS COUNTY WIRT
 QUADRANGLE MACFARLAN (7.5')
 SURFACE OWNER MILBURN ANDERSON, ET AL. ACREAGE 545
 OIL & GAS ROYALTY OWNER MILBURN ANDERSON, ET AL. LEASE ACREAGE 545
 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 SHALE ESTIMATED DEPTH 5800'
 WELL OPERATOR ALANGABLE OIL DEVELOPMENT DESIGNATED AGENT RONALD KUDELLA
 ADDRESS P.O. BOX 165 ADDRESS P.O. BOX 165
DAVISVILLE, W. VA. 26142 DAVISVILLE, W. VA. 26142

WIRT 1061