



1) Date: Nov. 8, 19 82
 2) Operator's Well No. Scadden # 6
 3) API Well No. 47 - 085 6057
 State County Permit

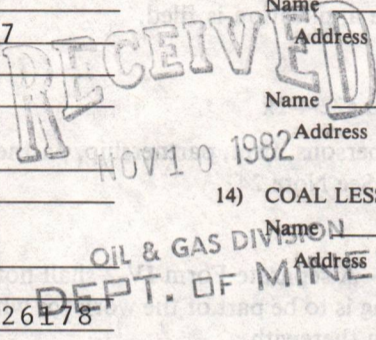
DRILLING CONTRACTOR:

B & L OIL CO.
DAVISVILLE, WV

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 760' Watershed: Bear Run
 District: Grant County: Ritchie Quadrangle: Cairo 7.5'
- 6) WELL OPERATOR B & L OIL CO. 11) DESIGNATED AGENT C. Jo McCrady
 Address P O BOX 165 Address p o box 165
DAVISVILLE, WV 26142 DAVISVILLE, WV 26142
- 7) OIL & GAS ROYALTY OWNER Griffin Producing Co. 12) COAL OPERATOR n/a
 Address 320 S. Boston, Suite 1504 Address
Tulsa, Oh 74103
 Acreage 100 of 600
- 8) SURFACE OWNER H. Hastings. 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Cairo, WV 26337 Name Address n/a
 Acreage 247.6 Name Address
- 9) FIELD SALE (IF MADE) TO: 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Address Name Address n/a
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Sam Hersman Address
 Address Box 66 Smithville, WV 26178
- 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, 360 feet.
 19) Approximate coal seam depths: n/a Is coal being mined in the area? Yes / No



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
Fresh water									
Coal									Sizes
Intermediate	8 5/8	J55	24 1/2	x		860	860	to surface	
Production	4 1/2	J55	10.5	x			5800	500 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 McCrady
 My Commission Expires July 17, 1989

Signed: C. Jo McCrady
 Its: Designated Agent

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-085-6057 Date December 3 04/05/2024 1982

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 August 3, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>OK</u>	Plat: <u> </u>	Casing: <u> </u>	Fee: <u> </u>
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Fred B. Smith
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

04/05/2024

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

Date: _____, 19_____

By _____

Its _____

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE CAIRO 7.5'

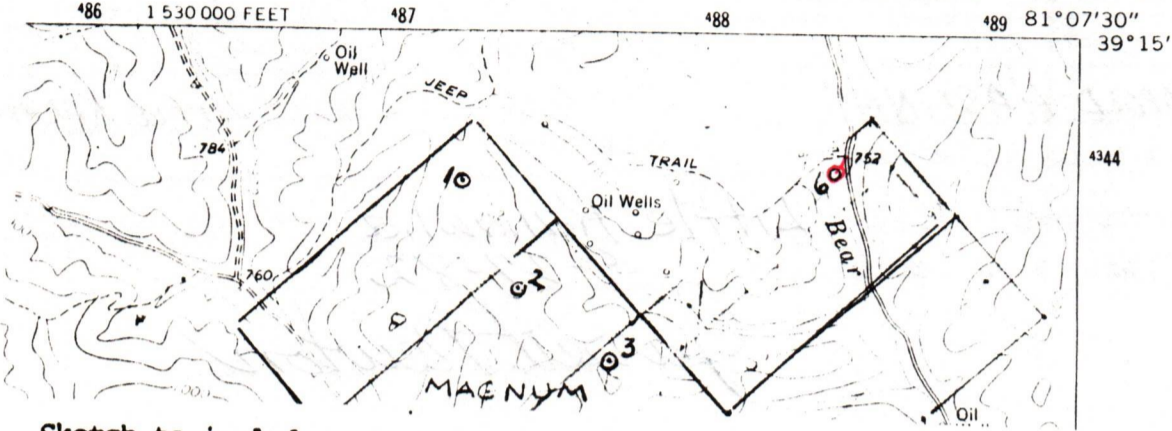
LEGEND

Well Site ⊕

Access Road ———

CAIRO QUADRANGLE
WEST VIRGINIA-RITCHIE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 HARRISVILLE 15' QUADRANGLE

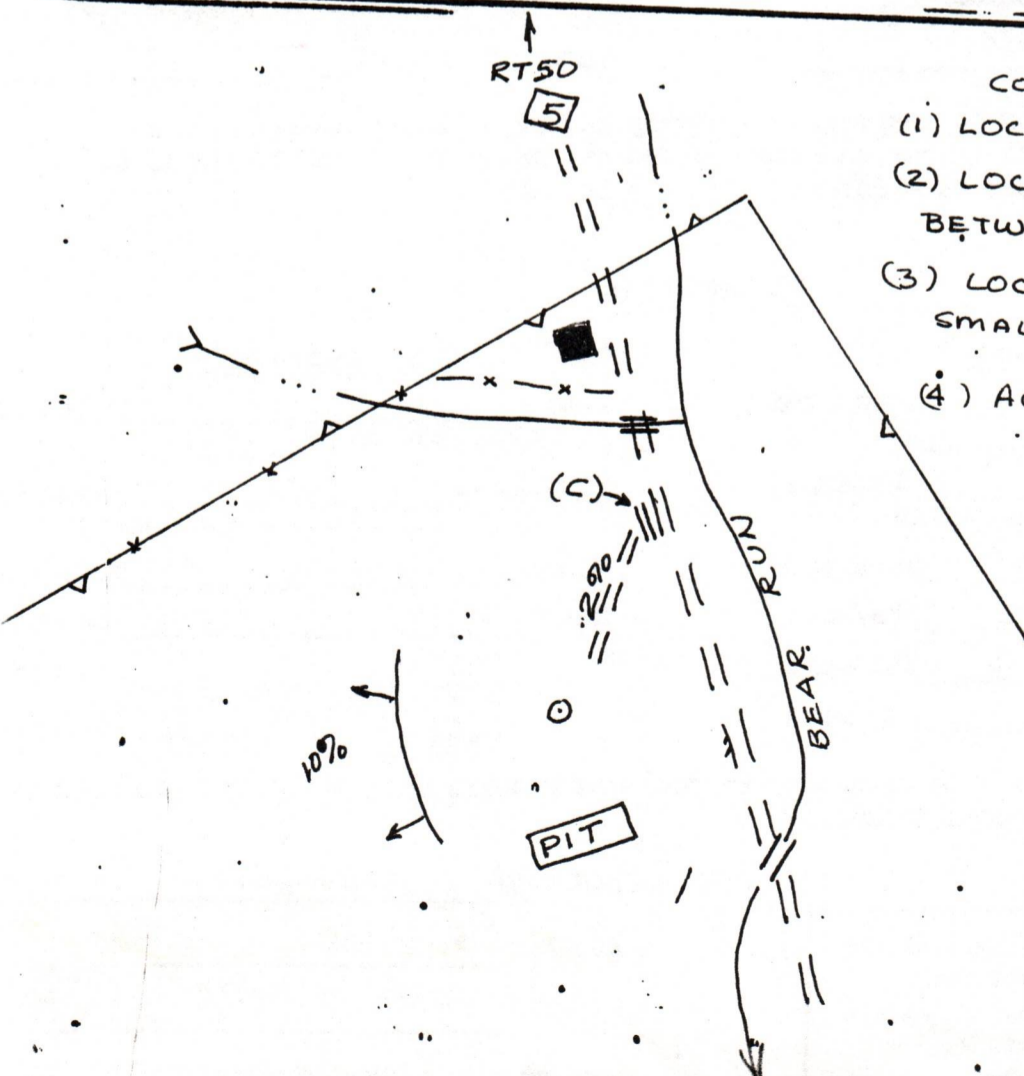
4762 1 SE (ELLENBORO)



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) LOCATION SLOPE IS, 2%
 - (2) LOCATION IS IN BOTTOM BETWEEN ROAD AND HILLSIDE
 - (3) LOCATION IS COVERED BY SMALL TREES + BRUSH
 - (4) ACCESS ROAD IS ~100'

04/05/2024



DATE SEPT 22, 1982
WELL NO. SCADDEN # 6
API NO. 47-085-6057

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME B & L OIL CO.
Address 1420 7th st. PARKERSBURG, WV
Telephone 304-424-5220 26101

DESIGNATED AGENT C. JO MCCRADY
Address 1420 7th st, PARKERSBURG, WV
Telephone 304-424-5220 26101

LANDOWNER HAROLD HASTINGS
Revegetation to be carried out by C. JO MCCRADY

SOIL CONS. DISTRICT LITTLE KANAWHA
(Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 9-27-82

Jarrett Newton
(Date)
(SCD Agent)

ACCESS ROAD

LOCATION

~~Structure CROSS DRAINS (A)
Spacing NONE NEEDED
Page Ref. Manual 2-4
Structure OPEN DRAIN (B)
Spacing _____
Page Ref. Manual 2-12
Structure CULVERT - C.M.P. (C)
Spacing ONE 18" I.D. AT ROAD DITCH
Page Ref. Manual 2-7~~

Structure see comment (1)
Material _____
Page Ref. Manual _____
Structure _____ (2)
Material _____
Page Ref. Manual _____
Structure _____ (3)
Material OIL & GAS DIVISION
Page Ref. Manual _____

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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 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch hay or straw 1.5 Tons/acre
Seed* KY 31 40 lbs/acre
REDTOP 5 lbs/acre
LADINO CLOVER 3 lbs/acre
TIMOTHY

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch hay or straw 1.5 Tons/acre
Seed* KY 31 40 lbs/acre
REDTOP 5 lbs/acre
LADINO CLOVER 3 lbs/acre
TIMOTHY

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

PLAN PREPARED BY NEAL HUGHES

ADDRESS RT 1 BOX 2
BEREA, WV 26327

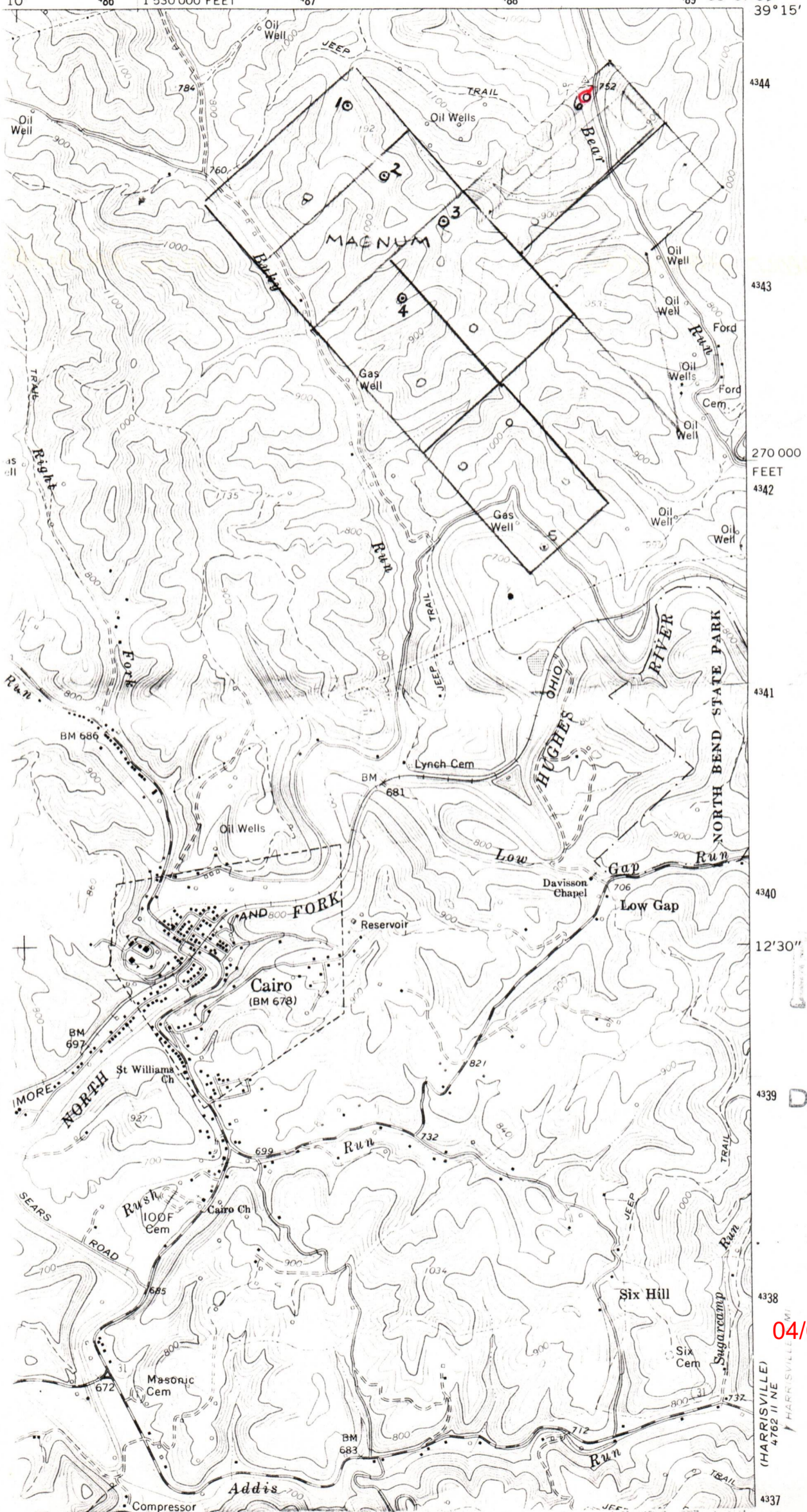
PHONE NO. 304-659-2378

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

CAIRO QUADRANGLE
WEST VIRGINIA—RITCHIE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 HARRISVILLE 15' QUADRANGLE

4762 1 SE
(ELLENBORO)

10' 486 1 530 000 FEET 487 488 489 81°07'30" 39°15'



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04/05/2024

(HARRISVILLE)
4762 1 NE
HARRISVILLE MI

a-7

B & L OIL COMPANY



1420 Seventh Street
Parkersburg, WV 26101
(304) 424-5220

SCADDEN # 6

GRIFFIN PRODUCING CO. recieves 1/8 R.I.
L.W. BARRETT receives 1/16 overriding R.I.
MAGNUM OIL CORP. receives 1/16 overriding R.I.
B & L OIL CO. receives 6/8 W.I.

B & L OIL CO. IS DBA Oil Development Co.

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DEC - 1 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

04/05/2024

A-8

AFFIDAVIT OF ROYALTY PAYMENT

LEASE NAME: MAGNUM OIL
MINERAL OWNER: GRIFFIN PRODUCING CO.
WELL NAME: SCADDEN # 6

I, C. JO MCCRADY (the above designated owner or operator, or authorized representative thereof) hereby verifies that the owner or owners of the mineral estate upon which this proposed well is to be located will receive minimum one-eighth (1/8) royalty payments for any gas or oil extracted therefrom. Copies of the 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, co-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.

Signed: C. J. McCrady
(Owner, Operator, or Authorized Rep.)

Notary: Bruce E. Doal (Signed)
My Commission expires JUNE 3, 1991

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OIL & GAS DIVISION
DEPT. OF MINES

04/05/2024

a-9

A S S I G N M E N T

THIS ASSIGNMENT, made by and between Magnum Oil Corporation, P.O. Box 4295, Parkersburg, West Virginia, 26104, hereinafter called "Assignor", and Oil Development Co., 1420 Seventh Street, Parkersburg, West Virginia, 26101, hereinafter called "Assignee", on this the 4th day of June, 1982, to-wit:

WITNESSETH:

WHEREAS, "Assignor" is the owner of the Lease described in the attached Exhibit "A", to which reference is hereby made for all purposes.

NOW, THEREFORE, "Assignor" for and in consideration of the sum of TEN (\$10.00) DOLLARS, and other good and valuable considerations, the receipt of which is hereby acknowledged, does hereby grant, sell, transfer, assign and convey, subject to the terms and reservations hereinafter set forth, unto "Assignee", his heirs, successors and assigns, all of "Assignor's" right, title and interest in and to the Oil and Gas Lease hereinafter described in Exhibit "A".

This Assignment is subject to the following provisions, reservations and conditions, to-wit:

1. "Assignor" expressly reserves all wells regardless of depth located on the property herein assigned, whether said wells are producing or abandoned, with the right to produce said wells.
2. It is understood that "Assignor" shall hold and reserve unto itself, all formations from the surface to twenty-five (25') feet below the bottom of the Maxton formation, with all rights applicable thereto.
3. "Assignor" expressly reserves unto itself, it assigns, heirs, successors and administrators, a 6.25% over-riding royalty in and to 8/8ths of all production obtained under this Lease.
4. "Assignee" shall furnish "Assignor" with a copy of all daily drilling reports; daily, permits, assignments, electrical and sample logs, completion reports, initial open flow reports and monthly production records on each and every well drilled or re-worked under the herein assigned Lease.
5. It is understood between "Assignor" and "Assignee" that "Assignee" shall commence a well within 100 days from the date of this Assignment. "Assignee" shall commence a second well and all additional wells necessary to fully develop the herein assigned acreage within 100 days after TD of the previous well. Each commercial well will hold 100 acres and for purposes of this agreement, full development will be obtained when six (6) wells have been drilled and completed, with one well on each of the six (6) tracts herein assigned. Should "Assignee" fail to drill the required wells under this agreement, then it will execute an immediate release to the "Assignor" for all undrilled tracts.
6. This Assignment is subject to all royalties, terms, conditions and provisions of the original Oil and Gas Lease. It is understood that the original Oil and Gas Lease calls for a 1/8th royalty to Griffin Producing Company and an additional 1/16th of 8/8ths over-riding royalty be paid to L. W. Barrett, II, and the 1/16th of 8/8ths over-riding royalty herein above reserved unto Magnum Oil Corporation is in addition to the above described royalty and over-riding royalty payments to Griffin Producing and Mr. Barrett.

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OIL & GAS DIVISION
DEPT. OF MINES

a-10

7. As long as Magnum Oil Corporation retains an interest in the leasehold estate in any of the lands described in Exhibit "A", Magnum Oil Corporation will pay all delay rentals which may become due and payable under the terms of the Oil and Gas Lease described in Exhibit "A", necessary to maintain the same in force and to the lands in which the leasehold estate of Magnum Oil Corporation in so retained. Upon being billed therefore, "Assignee" shall reimburse Magnum Oil Corporation for all delay rentals paid on the acreage, subject to this Assignment.

"Assignor" does hereby assign to "Assignee", subject to the provisions above stated, all its right, title and interest in and to the Oil and Gas Lease herein-after described in Exhibit "A".

"Assignor" does not warrant title to the property herein conveyed.

The effective date of this Assignment is the 4th day of June, 1982.

IN WITNESS WHEREOF, the undersigned parties have caused this Assignment to be executed and their Corporate Seal to be affixed hereto by their respective officers, duly authorized as of the day and year first hereinabove written.

ATTEST:

MAGNUM OIL CORPORATION

Secretary

BY: _____
ITS: _____

ATTEST:

OIL DEVELOPMENT COMPANY

Secretary

BY: C. J. McCrady
ITS: Secretary

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

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that DAVID M. CHAMBERS, who as PRESIDENT, did sign the writing above, or hereto annexed, for MAGNUM OIL CORPORATION, a Corporation, bearing date the _____ day of _____, 1982, has this day in my said County and State, before me, acknowledged the said writing to be the act and deed of said Corporation.

Given under my hand this _____ day of _____, 1982.

My commission expires:

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NOV 10 1982 Notary Public

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

OIL & GAS DIVISION
DEPT. OF MINES

I, Bruce E. Dana, a Notary Public in and for the County and State aforesaid, do hereby certify that C. J. McCrady, who as CORPORATE SECRETARY, did sign the writing above, or hereto annexed, for OIL DEVELOPMENT COMPANY, a Corporation, bearing date the 4 day of JUNE, 1982, has this day in my said County and State, before me, acknowledged the said writing to be the act and deed of said Corporation.

Given under my hand this 4 day of JUNE, 1982.

04/05/2024

My commission expires:

Notary Public

JUNE 3 1991

EXHIBIT "A"

Q-11

This Exhibit "A" is made part of that certain Assignment dated that day the 4th day of June, 1982, by and between Magnum Oil Corporation, P.O. Box 4295, Parkersburg, West Virginia, 26104, as "Assignor", and Oil Development, Co., 1420 Seventh Street, Parkersburg, West Virginia, 26101, as "Assignee".

Part of that certain Oil and Gas Lease dated October 29, 1981, by and between The Griffin Producing Company and Magnum Oil Corporation, being recorded in Lease Book 129 at Page 490, in the office of the County Clerk of Ritchie County, West Virginia. Insofar as said Lease covers Lots 19, 20, 21, 26, 27 and 38; consisting of approximately 600 acres in which each Lot contains approximately 100 acres each. It is understood that Magnum Oil Corporation has reserved unto itself Lots 5, 6, 11, 12, 13 and 18 from the above described Oil and Gas Lease and this Assignment.

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04/05/2024

OIL & GAS DIVISION
DEPT. OF MINES

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

4715-4721	7 holes	3340-46	7 holes
4558-4560	3	3424-31	5
4512-4513	4	3468-71	4
4220-4223	4	3689-93	4
	1. MMCF N2	3866-69	4
		3949-41	3
		4020-23	4
			2 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
		NO SAMPLES FROM	0 to 1583		
Big Lime			1583	1624	
Keener			1637	1664	
Big Injun			1668	1768	
Squaw			1779	1800	
Weir			1916	1988	
Berea			2156	2160	
Gantz			2271	2282	
Gordon			2564	2574	
Upper Speechley			3037	3093	
Lower Speechley			3394	3440	
Balltown			3600	3800	
Bradford			3981	3982	
Riley			4213	4250	
Benson			4507	4513	
Alexander			4646	4722	
			no samples below 4722		

*Complete
2/2/83*

(Attach separate sheets as necessary)

ALAN GABLE OIL DEVELOPMENT CO.

Well Operator

By: RON KUDELLA

04/05/2024

Date: MARCH 23, 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."

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APR 25 1983



IV-35
(Rev 8-81)

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

Date March 23, 1983
Operator's SCADDEN # 6
Well No. SCADDEN # 6
Farm Clark Scadden
API No. 47 - 085 - 6057

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," Production xx/ Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 760' Watershed Bear Run
District: Grant County Ritchie Quadrangle Cairo

COMPANY Alan Gable Oil Development Co.
ADDRESS P O Box 166, Davisville, WV
DESIGNATED AGENT Ron Kudella
ADDRESS P O Box 166, Davisville, WV
SURFACE OWNER H. Hastings
ADDRESS Cairo, WV
MINERAL RIGHTS OWNER Griffin Producing Co.
ADDRESS 230 S. Boston, Tulsa Okla 74103
OIL AND GAS INSPECTOR FOR THIS WORK
Sam Hersman ADDRESS Smithville, WV
PERMIT ISSUED #6057 Nov. 10, 1982
DRILLING COMMENCED Dec. 24, 1982
DRILLING COMPLETED March 5, 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.		40'	
13-10"			
9 5/8			
8 5/8	8 5/8	904'	
7			
5 1/2			
4 1/2	4 1/2	4900	
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Marcellus Depth 5800 feet
Depth of completed well 4950 feet Rotary xxx / Cable Tools
Water strata depth: Fresh 100 feet; Salt 360 feet
Coal seam depths: n/a Is coal being mined in the area? no

OPEN FLOW DATA
Producing formation Speechley, Balltown, Bradford Pay zone depth 3340-4023 feet
Gas: Initial open flow 1.8 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 1.2 Mcf/d Final open flow 10' Bbl/d
Time of open flow between initial and final tests 24 hours
Static rock pressure 980 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation Riley, Benson, Alexander Pay zone depth 04/05/2024 feet
Gas: Initial open flow AA Mcf/d Oil: Initial open flow AA Bbl/d
Final open flow AAA 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)

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

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MAR 7 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-6057

Oil or Gas Well _____
(KIND)

Company <u>B + S. Oil Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>H. Hastings</u>	16			Kind of Packer _____
Well No. <u>Soadden # 4</u>	13			
District <u>Grant</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>2-21-83</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 <u>90'</u> 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: Ran 904 foot of 8 5/8 casing - Western ran 225 sacks 50-50 Posmix and 100 sacks Gmmor Waiting on cement at time of visit

2-28-83
DATE

Samuel N. Hersman
DISTRICT WELL INSPECTOR

04/05/2024

3-3-83
DATE

Samuel N. Hersman
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

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

DATE

04/05/2024

DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

RECEIVED
 SEP 27 1983

OIL & GAS DIVISION
 DEPT. OF MINES

Permit No. 085-6057 County Ritchie
 Company OIL DEV. Co. Farm SCADDEN
 Inspector MIKE UNDERWOOD Well No. No 6th
 Date 9-19-83

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 Strength	___	___
23.02	Maintained Access Roads	___	___
25.01	Necessary Equipment to prevent Waste	___	___
23.03	Reclaimed Drilling Site	X	___
23.04	Reclaimed Drilling Pits	X	___
23.05	No surface or underground Pollution	___	___
7.03	Identification Markings	X	___

COMMENTS: FINAL inspection, O.K. Release

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Mike Underwood
 DATE: 9-19-83

04/05/2024



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

October 7, 1983

B & L Oil Company
c/o Alan Gable Oil Development, Inc
P. O. Box 165
Davisville, W. Va. 26142

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
RIT-5928	A. Satterfield/Byers #1	Grant
RIT-6057	H. Hastings/Scadden #6	Grant
RIT-5617	H. H. Border/Hill #1	Grant
RIT-5694	Robert Davis, #1	Grant
RIT-5738	Gordon Kibbee, #1	Grant

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

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

TMS/

04/05/2024

IV-27
11/23/81



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

E-1

Date: 8 22 83
Well No: Scadden 10
API NO: 47 - 85 6057
State County Permit

Oil and Gas Division NOTICE OF VIOLATION

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

LOCATION: Elevation: 760 Watershed: Bear Run
District: Grant County: Ritchie Quadrangle: Cairo

WELL OPERATOR B+L Oil Co DESIGNATED AGENT C. Jo McCrady
Address P.O.B 165 Address P.O.B 165
Davisville Davisville W.V. 26142

The above well is being posted this 22nd day of August, 1983, for a violation of Code 22-4-12B and/or Regulation 23.03, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

*Reclamation Incomplete in specified period of time.
also no number on well.*

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AUG 30 1983

OIL & GAS DIVISION
DEPT. OF MINES

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 Aug 29, 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.

Jerry R. Tephobak
Oil and Gas Inspector
Address P.O.B 66
Smithville WV
26178
Telephone: 477-3598 04/05/2024

11/23/81
1V-27



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Well No: 2000
API No: 41-62
State County Permit

Oil and Gas Division NOTICE OF VIOLATION

WELL TYPE: Oil Gas Liquid Injection Waste Disposal
Of "Gas" - Production Storage Deep Shallow
LOCATION: Elevation: 700 Watershed: Bear Run
District: Grant County: Ritchie Quadrangle: Grant
WELL OPERATOR: Get Oil Co DESIGNATED AGENT: C. J. McQuay
Address: POB 125 Address: POB 125
Danville Danville W. Va

The above well is being posted this 15 day of August, 1983, for a violation of Code 22-4-11B and/or Regulation 22.63, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Restoration incomplete

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AUG 20 1983

DEPT. OF MINES
OIL & GAS DIVISION

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 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: [Signature]
Address: POB 125
Smithville W. Va
Telephone: 414-337

04/05/2024

OIL AND GAS LEASE

AGREEMENT Made and entered into this 29th day of October, 1981, by and between THE GRIFFIN PRODUCING COMPANY, an Ohio corporation, with offices at 320 South Boston, Suite 1504, Tulsa, Oklahoma 74103, hereinafter called "Lessor", and MAGNUM OIL CORPORATION, a West Virginia corporation, P. O. Box 4295, Parkersburg, West Virginia 26101, hereinafter called "Lessee":

WITNESSETH: That the Lessor, for and in consideration of One Hundred Dollars (\$100.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained on the part of the Lessee to be paid, kept and performed, has granted, demised, leased and let, and by these presents does grant, demise, lease and let unto Lessee, for the sole and only purpose of exploring by geophysical and other methods, mining and operating for oil and gas, and of laying of pipelines, and of building tanks, power stations and other structures thereon to produce, save and take care of said products, all that certain tract of land situated in Ritchie County, State of West Virginia, described as follows, to-wit:

Kennedy Tracts No. 5, 6, 11, 12, 13, 18, 19, 20, 21, 26, 27, and 38, each containing approximately 100 acres, in Grant District, being a portion of the property described in Deed dated December 31, 1915, from Kennedy Oil Company, Grantor, to the Griffin Producing Company, Grantee, and recorded in the Office of the County Recorder of Ritchie County, West Virginia, in Book 74 at Page 227 and 229.

It is agreed that this lease shall remain in force for a term of two (2) years from the date hereof, and as long hereafter as oil or gas, or either of them, is produced from said land by Lessee in commercial quantities. If no well is commenced on said land on or before the 29th day of October, 1982, this lease shall terminate as to both parties unless Lessee shall, on or before that date, pay or tender to the Lessor or Lessor's credit in Bank of Oklahoma, Tulsa, Oklahoma, or its successors, \$1,200.00, which shall operate as a rental and cover the privilege of deferring the commencement of a well for twelve (12) months from said date. The drilling of a well and/or wells during the first year of this lease, and commercial production therefrom, at the rental paying date, as above set forth, shall excuse the payment of \$100.00 applicable to the tract or tracts upon which said well or wells were drilled. Where gas from a well producing gas only is not sold or used, lessee may pay or tender a royalty of \$1.00 per year per net royalty acre retained hereunder, such payment or tender to be made on or before the anniversary date of this lease next ensuing after the expiration of ninety (90) days from the date such well is shut in and thereafter on the anniversary date of this lease during the period such well is shut in, to the royalty owners or to the royalty owners' credit in the rental depository bank above designated. If such payment or tender is made it will be considered that gas is being produced as herein provided.

It is understood and agreed to by the parties hereto that the drilling and/or mining activity hereunder is contemplated to be down to the top of the Onondaga Series, expected to be encountered at approximately 6,000 feet below the surface.

04/05/2024

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OIL & GAS DIVISION
DEPT. OF MINES

By mutual agreement, Lessor and Lessee have decided that Production Units should be designated for wells drilled down to the top of the Onondaga Series; said Units shall encompass the Devonian Shale sequence only; and the interval unitized determined by electrical log surveys run in the well at the time of drilling and completion. It is agreed that said Production Unit shall be comprised of four (4) approximately one hundred (100) acre tracts which shall be contiguous, surround, bound, and incorporate the one hundred (100) acre tract on which the well has been drilled; and be mutually designated by Lessor and Lessee provided commercial production is sustained. It is also agreed that if possible shallower production is encountered while drilling to the top of the Onondaga Series or when logging the well, and a Production Unit is designated; then Lessee has One (1) year from the spud date of the well creating the Production Unit to drill a shallow well to test for commercial production or obtain new production from shallow wells as indicated in the Unit well on each of the three (3) tracts of the Production Unit which did not have the Unit well drilled upon it, or thereby forfeit and execute an immediate release to Lessor of all shallow oil and gas rights not covered by the Production Unit on any one hundred (100) acre tract not drilled and commercial production derived therefrom. It is the intent that the Lessee not be excused from paying delay rentals on the three (3) above mentioned tracts if said delay rentals come due during the one (1) year period unless Lessee has drilled and obtained sustained shallow commercial production before the delay rentals are due as before mentioned.

It is agreed that the payment of the delay rentals on the three (3) tracts where the Unit Production well was not drilled shall entitle the Lessee to an extension of time to drill wells on the above mentioned tracts to the primary term of this lease.

It is understood that no tracts and/or lots involved in this lease may be communitized, unitized or otherwise bound together to form any type of unit other than the Production Unit above mentioned, regardless of whether or not any state code and/or federal law allows such unitization, either as by present code and/or law, or subsequent rulings, precedents or legislation, other than by written consent of the Lessor.

Lessor and Lessee hereby agree that a Drainage Zone shall be established around each Production Unit well with a radius of 1,000 feet to assure that no other Lessee can encroach in this zone for the drilling and producing of shallow stratum, even though this circle extends onto and through other tracts that the Lessee may be producing or has released to the Lessor. If said Drainage Zone extends onto and through tracts previously leased to other Lessees and even though the Lessee of this oil and gas lease may be a Lessee of a prior lease, then the Drainage Zone exclusion shall have no effect or bearing on the previously leased tracts. This Drainage Zone exclusion shall be binding and inviolate on any future Lessee or Lessees and shall expire six (6) months after the Production Unit has ceased production in commercial quantities. If within the six (6) month period the Lessee does not elect to plug back to shallow horizons or commercial production is not established then the Lessee shall immediately release to Lessor all rights pertinent to the Drainage Zone.

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OIL & GAS DIVISION
DEPT. OF MIN.

04/05/2024

IN CONSIDERATION OF THE PREMISES THE Said Lessee covenants

and agrees:

1. To deliver to the credit of the Lessor, free of cost, in the pipeline to which Lessee may connect wells on said land, the equal one-eighth (1/8) part of all oil produced and saved from the leased premises.
2. To pay lessor for gas of whatsoever nature or kind produced and sold or used off the premises, or used in the manufacture of any products therefrom, one-eighth (1/8) at the market price at the well for the gas sold, used off the premises, or in the manufacture of products therefrom, said payments to be made monthly.
3. To pay Lessor for gas produced from any oil well and used off the premises or in the manufacture of gasoline, or any other product, a royalty of one-eighth (1/8) of the proceeds, at the mouth of the well, payable monthly at the prevailing market rate.

By acceptance of this oil and gas lease, Lessee agrees that the same is subject to an override of 1/16 of 8/8, payable out of the Lessee's interest herein granted, and payable to Lynn W. Barrett II, 320 South Boston, Suite 1501, Tulsa, Oklahoma 74103, his heirs, executors, trustees and assigns, which grant is recorded in the office of the County Recorder of Ritchie County, West Virginia, in Book 117, at Page 621.

If the Lessee shall commence the drilling of a well within the time hereinabove provided, the Lessee shall have the right to drill such well to completion with reasonable diligence and dispatch and if oil or gas, or either of them, is found in paying quantities, this lease shall continue to be in force with like effect as if said well had been completed within the term first mentioned but the lease shall be terminated as to all tracts herein contained upon which production has not been obtained.

Upon the expiration of this lease under the terms hereof, either by the lapse of time or cessation of production, the Lessee and/or its assignees shall promptly furnish Lessor, or its assigns, a recordable release of this lease, except as hereinabove provided.

If Lessor owns a less interest in the minerals of the above described land than the entire and undivided fee simple estate therein, then the royalties herein provided shall be paid the Lessor only in the proportion which Lessor's interest bears to the whole and undivided fee in the minerals.

Lessee shall have the right to use, free of cost, gas and oil produced on said land for Lessee's operations thereon.

When requested by Lessor or the surface owner, Lessee shall bury Lessee's pipe lines below plow depth. No well shall be drilled nearer than 200 feet to a house or barn now on said premises without the written consent of Lessor or the surface owner. Lessee shall pay for damage caused by Lessee's operations to the land and to growing crops on the land.

Lessee shall have the right for a period of 90 days after expiration of this lease to remove all machinery and fixtures placed on the premises by Lessee only, including the right to draw and remove Lessee's casing and surface

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NOV 10 1982

OIL & GAS DIVISION
DEPT. OF MINE

E-5

equipment, but Lessee shall not disturb any other equipment on the surface of the leased property or in non-producing wells and/or wells capable of producing, except with the specific agreement of Lessor as to the equipment thereof.

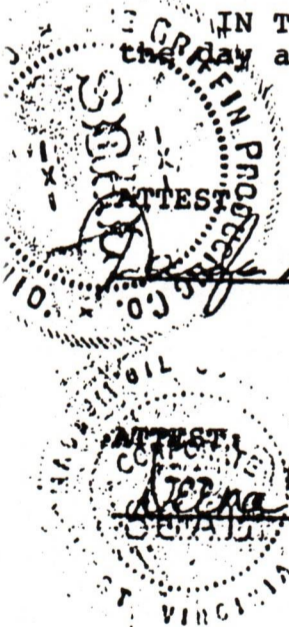
By acceptance of this lease, Lessee agrees to promptly furnish Lessor the following information with respect to activities conducted thereon: location plat of well; daily drilling reports (postcard adequate); sample log and geological report; copy of any logs run, either open hole or during completion operations; drillstem test reports, if run; gas tests run, either open hole or during completion operations, with analysis of said tests; perforating intervals, treating reports and records; well completion record; copy of any title opinion made; copy of any gas sale or oil sale division order, contract, or other like instrument; monthly accounting of gas or oil sales; copy of any assignment made of this lease, or any part thereof.

If the estate of either party hereto is assigned, the covenants hereof shall extend to their heirs, executors, administrators, successors or assigns, but no change in the ownership of land or royalties shall be binding on the Lessee until after Lessee has been furnished with a written transfer of assignment, or a true copy thereof.

All express or implied covenants of this lease shall be subject to all federal and state laws, executive orders, rules or regulation, and this lease shall not be terminated, in whole or in part, nor Lessee held liable in damages, for failure to comply therewith, if compliance is prevented by, or if such failure is the result of any such law, rule, or regulation.

This lease agreement shall not be binding or effective unless and until each party hereto shall have in his or its possession an original or copy hereof executed and acknowledged by the other party.

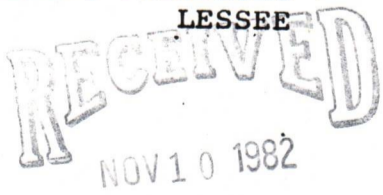
IN TESTIMONY WHEREOF, This instrument is executed as of the day and year first above mentioned.



Dorene A. Hull
Secretary

THE GRIFFIN PRODUCING COMPANY
A Corporation
By: George S. Downey
George S. Downey, President
LESSOR

MAGNUM OIL CORPORATION
A corporation
By: David M. Chambers
David M. Chambers, President
LESSEE



OIL & GAS DIVISION
DEPT. OF MINES
04/05/2024

STATE OF OKLAHOMA)
) ss
COUNTY OF TULSA)

I, Dorene A. Hull, a Notary Public, in and for the County of Tulsa, State of Oklahoma, do certify that George S. Downey, who signed the writing above bearing date of October 29, 1981, for The Griffin Producing Company, has this day in my

E-4

494

said County, before me, acknowledged the said writing to be the act and deed of said corporation.

Given under my hand this 29th day of October, 1981



My Commission Expires:
September 20, 1982

Deanne B. Hall
Notary Public

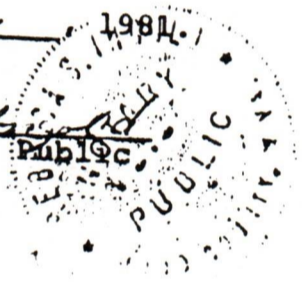
STATE OF WEST VIRGINIA)
) ss
COUNTY OF WOOD)

I, Rebecca S. Ingold, a Notary Public, in and for the County of Wood, State of West Virginia, do certify that David M. Chambers, who signed the writing above bearing date of October 29, 1981, for Magnum Oil Corporation, has this day in my said county, before me, acknowledged the said writing to be the act and deed of said corporation.

GIVEN Under my hand this 2 day of November, 1981.

My Commission Expires:
7/11/89

Rebecca S. Ingold
Notary Public

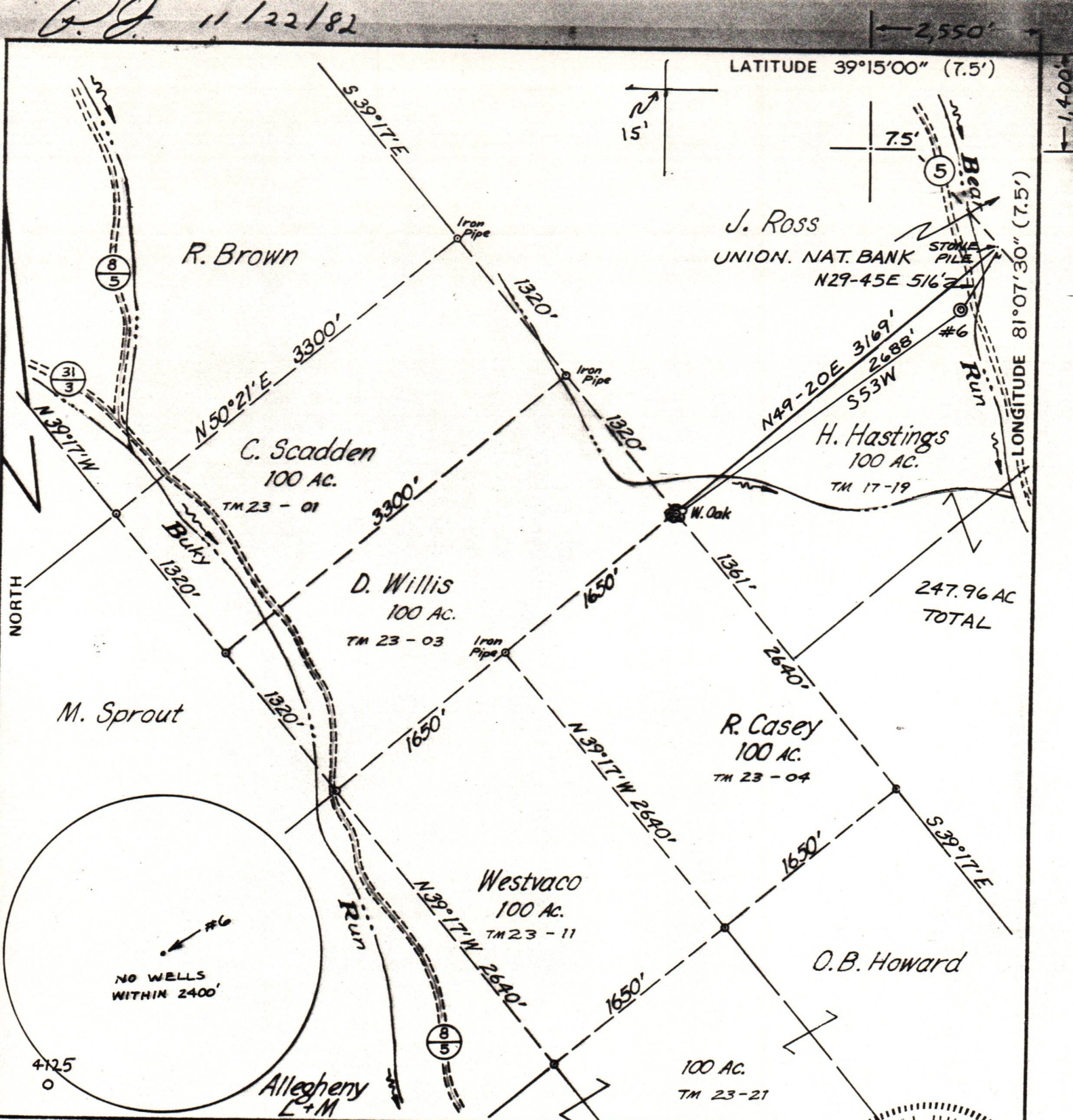


This instrument prepared by George S. Downey, Attorney,
320 S. Boston, Suite 1504, Tulsa, Oklahoma 74103

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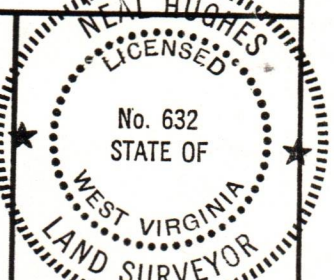
OIL & GAS DIVISION
DEPT. OF MINES

04/05/2024



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD INTERSECT. 760'

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 SEPT. 22, 19 82
 OPERATOR'S WELL NO. SCADDEN #6
 API WELL NO. 47-085-6057
 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 760' WATER SHED BEAR RUN
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE CAIRO (7.5')
 SURFACE OWNER H. HASTINGS ACREAGE 247.96
 OIL & GAS ROYALTY OWNER GRIFFIN PRODUCING CO. LEASE ACREAGE 100 (600 TOTAL)
 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 5800'
 WELL OPERATOR B+L OIL COMPANY DESIGNATED AGENT C. JO MCCRADY
 ADDRESS 1420 7TH STREET ADDRESS 1420 7TH STREET