



1) Date: October 21, 19 82  
 2) Operator's Light #1  
 Well No. \_\_\_\_\_  
 3) API Well No. 47 085 5960  
 State County Permit

DRILLING CONTRACTOR:

Clint Hurt  
Edens Fork, 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: 858.25' Watershed: Goose Creek  
 District: Grant County: Ritchie Quadrangle: Petroleum (7.5')
- 6) WELL OPERATOR Wayman W. Buchanan 11) DESIGNATED AGENT Jim P. Morris  
 Address 444\* Petroleum Commerce Bldg. Address 401 Peoples Building  
San Antonio, Texas 78205 Charleston, WV 25301
- 7) OIL & GAS ROYALTY OWNER Helen Light 12) COAL OPERATOR None  
 Address 916 Juliana Street Address \_\_\_\_\_  
Parkersburg, WV 26101  
 Acreage 86
- 8) SURFACE OWNER M. Sprout 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address Rt. 1, Box 32 Name \_\_\_\_\_  
Harrisville, WV 26362 Address \_\_\_\_\_  
 Acreage 80 Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 9) FIELD SALE (IF MADE) TO:  
 Address \_\_\_\_\_
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Samuel N. Hersman  
 Address P. O. 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, 4800 feet
- 18) Approximate water strata depths: Fresh, 200 feet; salt, 2000 feet.
- 19) Approximate coal seam depths: None Is coal being mined in the area? Yes \_\_\_\_\_ / No

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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	9 5/8			X			350	Circ.	Kinds	
Fresh water										
Coal									Sizes	
Intermediate	7			X			2200	Circ.		
Production	4 1/2			X			4800	480 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: Vicky R. Burdette  
 My Commission Expires 12-1-90

Signed: Jim P. Morris  
 Its: Designated Agent

OFFICE USE ONLY  
**DRILLING PERMIT**

Permit number 47-085-5960

Date 10-22- 19 82  
04/05/2024

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 6-22-83

unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing:	Fee:
<u>Blanket</u>	<u>X</u>	<u>112</u>	<u>112</u>	<u>1703</u>

Fred Burdette  
 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.

DRILLING 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 PETROLEUM (7.5)

LEGEND

Well Site ⊕

Road ———

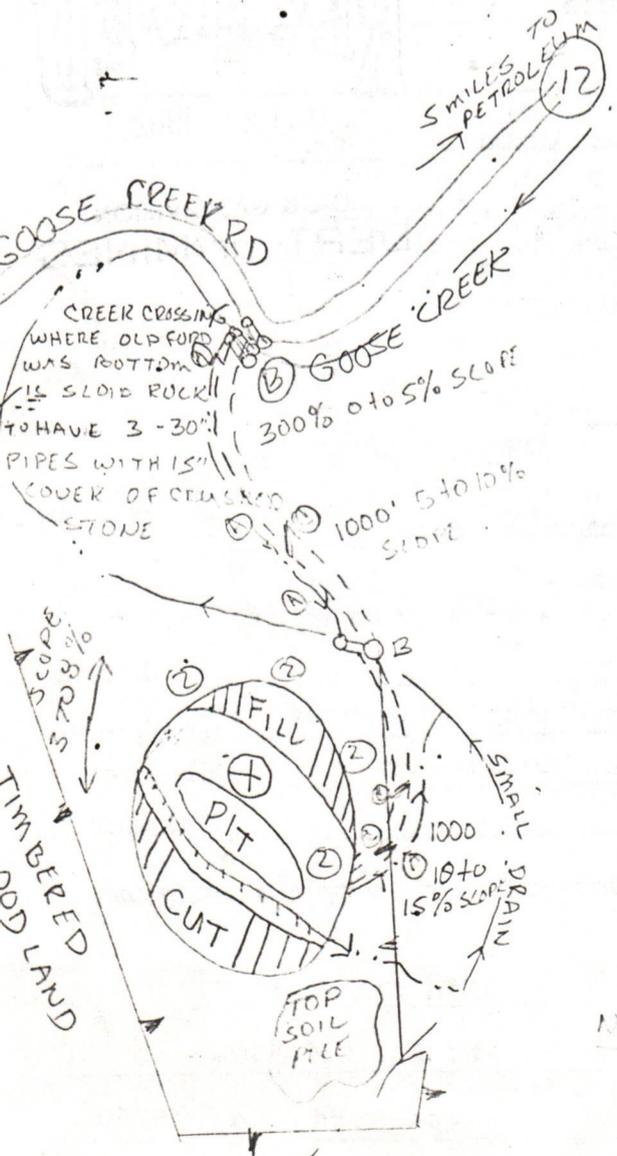


Sketch to include well loc drilling pits and necessar part of this plan. Include all natural drainage.

be constructed, wellsite, correspond with the first

LEGEND

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



LOCATION

1. LOCATION IS WOODLAND THAT HAS BEEN TIMBERED IN THE LAST 2 YEARS, ON THE SIDE BENCH JUST BELOW THE RIDGE
2. SIZE OF LOCATION 150' X 200'
3. ALL TIMBER WILL BE CUT & STACKED ACCORDING TO LAND OWNERS WANTS
4. ACCESS RDS. WILL HAVE SIDE SLOPES AND CROSS DRAINS
5. RECLAMATION WILL BE DONE 04/05/2024 AFTER WELL IS COMPLETED.

NOTE: ACCESS TO LOCATION MAY CHANGE ACCORDING TO THE REQUIREMENT OF A RIGHT-OF-WAY.



DATE July 8, 1982  
WELL NO. LIGHT ~~SPROUT~~ No. 1  
API NO. 47-085-5960

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Wayman Buchanan DESIGNATED AGENT Jim P. Morris  
Address San Antonio, Texas Address Charleston, WV  
Telephone 512-223-3897 Telephone 345-6631  
LANDOWNER M. Sprout SOIL CONS. DISTRICT Little Kanawha  
Revegetation to be carried out by Unknown Contractor (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 7-8-82 (Date)  
Jarrett Newton (SCD Agent)

ACCESS ROAD

LOCATION

Structure <u>Drainage Ditch</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing _____	Material <u>Earthen</u>
Page Ref. Manual <u>2:12</u>	Page Ref. Manual <u>2:12</u>
Structure <u>Culvert</u> (B)	Structure _____ (2)
Spacing <u>12" Min-30" Max I. D.</u>	Material <u>Straw</u>
Page Ref. Manual <u>2:7, 2:8, 2:20 &amp; 2:21</u>	Page Ref. Manual <u>3:6 &amp; 3:7</u>
Structure <u>Cross Drains</u> (C)	Structure _____ (3)
Spacing <u>135' - 400'</u>	Material _____
Page Ref. Manual <u>2:1 &amp; 2:4</u>	Page Ref. Manual _____

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All structures should be inspected regularly and repaired if necessary. **OIL & GAS DIVISION**  
commercial timber is to be cut and stacked and all brush and small **DEPT. OF MINES** timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime 3 Tons/acre  
or correct to pH 6-5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay 2 Tons/acre  
Seed\* Kentucky 31 Fescue 45 lbs/acre  
Crown Vetch 10 lbs/acre  
\_\_\_\_\_ lbs/acre

Lime 3 Tons/acre  
or correct to pH 6-5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay 2 Tons/acre  
Seed\* Kentucky 31 Fescue 45 lbs/acre  
Ladino Glover 5 lbs/acre  
\_\_\_\_\_ 04/05/2024 acre

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

PLAN PREPARED BY Olin Shockey  
ADDRESS Rt. 1, Box 139-B  
Ravenswood, Wv 26164  
304-273-2246

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

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This Oil and Gas Property Assignment, made and entered into this 9th day of August, 1982, by and between CARL E. SMITH, INCORPORATED, a West Virginia corporation, party of the first part, ASSIGNOR, and MORRIS EXPLORATION COMPANY, a corporation, party of the second part, ASSIGNEE.

WITNESSETH, that for and in consideration of the sum of ten dollars (\$10.00) cash in hand paid, the receipt of which is hereby acknowledged, and the further considerations, covenants and conditions hereinafter set forth, the ASSIGNOR does hereby assign, sell, grant, convey, transfer and set-over unto the ASSIGNEE all of the right, title and interest of the ASSIGNOR in and to the oil and gas leasehold interests hereto attached as Exhibit A.

The terms of this assignment incorporate by reference all of the terms and conditions of a prior agreement between these parties setting forth in detail the obligations and rights of the parties with respect to the interest conveyed and other valuable consideration, all as set forth therein, and is expressly subject thereto insofar as the same may be applicable to the terms and conditions of this Assignment.

This Assignment is binding upon and will inure to the benefit of any successors and assigns of the parties.

This assignment is subject to a letter of agreement, signed this ninth day of August, 1982, by the parties hereto.

IN WITNESS WHEREOF, the ASSIGNOR has caused its corporate signature and seal to be affixed as of the day and date first hereinabove written.

CARL E. SMITH, INCORPORATED,  
a West Virginia corporation

By Larry D. Smith  
Vice President

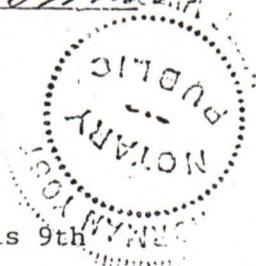


STATE OF WEST VIRGINIA,  
COUNTY OF JACKSON, to-wit:

The foregoing instrument was acknowledged before me this 9th day of August, 1982, by Larry D. Smith, Vice President of CARL E. SMITH, INCORPORATED, a West Virginia corporation, to be the act and deed of said corporation.

My commission expires March 24, 1990.

Norman L. Jost  
Notary Public



This Document Prepared By:  
Stephen L. Thompson, Esq.  
Suite 612, Peoples Building  
Charleston, WV

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Attached to and by reference made a part of that certain assignment of Oil and Gas leases dated August 9, 1982, between Carl E. Smit, Inc., as Assignor, and Morris Exploration Company, as Assignee.

GRANT DISTRICT, RITCHIE COUNTY, WEST VIRGINIA

<u>Lease No.</u>	<u>LESSORS</u>	<u>Gross Acres</u>	<u>Date</u>	<u>Recorded Book/Page</u>
1801 A	H.P. McGinnis and Mary E. McGinnis, his wife by Howard H. McGinnis, Atty. in Fact for Mary E. McGinnis	101	4-14-77	123/67
1801B	Helen W. Light, widow	101	4-14-77	123/65
1802	Helen W. Light, widow	167.75	4-14-77	123/63
1805	Harvey C. and Diora G. Metz	187.5	4-28-77	123/552
2050	Mary Elizabeth Sewell, single Gordon J. and Florence Kibbee	27	6-7-80	131/447
3006A	C.K. and Virginia Dotson	102.5	6-27-78	125/571
3006B	Faybelle C. Coyne	102.5	6-27-78	125/573
3006C	Janet M. Cunningham, widow	102.5	4-6-82	142/822
3006D	Charles Cannon	102.5	4-6-82	144/274
3193	Shirley Rhinehart and Mary Rhinehart	175	12-10-80	133/374
3210A	Kenneth and Ida Little	19.75	1-19-82	141/3
3210B	W.M. Herron, Est. heirs; Ada Herron, Agent Power of Attorney	19.75	12-22-80	140/532
3211A	W.M. Herron, Est. heirs, Ada Herron, agent Power of Attorney	51	12-22-80	136/238
3211B	Mary L. and W.S. Gray	51	4-2-82	142/750
3218	Denver P. and Wilma L. Staley	10.5	3-5-81	134/699
3212	W. M. Herron, Est. Heirs; Ada Herron, Agent, Power of Attorney	23.5	12-22-80	136/236

CLAY DISTRICT, RITCHIE COUNTY, WEST VIRGINIA

<u>Lease No.</u>	<u>LESSORS</u>	<u>Gross Acres</u>	<u>Date</u>	<u>Recorded Book/Page</u>
3005A	C.K. and Virginia Dotson	150	6-27-78	125/567
3005B	Faybelle C. Coyne, single	150	6-27-78	125/569

UNION DISTRICT, RITCHIE COUNTY, WEST VIRGINIA

<u>Lease No.</u>	<u>LESSORS</u>	<u>Gross Acres</u>	<u>Date</u>	<u>Recorded Book/Page</u>
1720	Willard R. and Sally MacAllaster	23	2-21-76	119/804
1723	Willard R. and Sally MacAllaster	61	2-21-76	119/810

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CLAY DISTRICT, WIRT COUNTY, WEST VIRGINIA

<u>Lease No.</u>	<u>LESSORS</u>	<u>Gross Acres</u>	<u>Date</u>	<u>Recorded Book/Page</u>
2080	Ray A. and Ruth L. Deem	18	4-25-78	153/160

WALKER DISTRICT, WOOD COUNTY, WEST VIRGINIA

<u>Lease No.</u>	<u>LESSORS</u>	<u>Gross Acres</u>	<u>Date</u>	<u>Recorded Book/Page</u>
2081	Ray A. and Ruth L. Deem	167	4-25-78	704/184

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04/05/2024

a-9

filed and admitted to record in the office  
of the Clerk of the County Commission of Ritchie  
County, W. Va. AUG 19 1982

19 at 2:15 o'clock P M  
Recorded in lease

Book No. 147 Page 314

Wester: Synda B Moss  
Clerk

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THIS AGREEMENT, Made and entered into the 14<sup>th</sup> day of April, A.D., 1977 by and between Helen W. Light, widow

part of the first part, hereinafter called the Lessor, and CARL E. SMITH, INCORPORATED, party of the second part, hereinafter called the Lessee.

WITNESSETH, that the said Lessor, for and in consideration of the sum of \_\_\_\_\_ Dollars, in hand well and truly paid by the said Lessee, the receipt of which is hereby acknowledged, and the covenants and agreements hereinafter contained has leased and let, and by these presents does lease and let unto the said Lessee, with covenants of General Warranty, all the Oil and Gas in and under the premises hereinafter described, together with the right of way over said premises for the purpose and with the exclusive right to enter thereon at any time to drill and operate wells for oil, gas and water and to erect, maintain and occupy, repair and remove all buildings, telephone poles and wires, structures, pipe lines, machinery and appliances that the Lessee may see fit to install thereon for the production and transmission of oil, gas and water thereon from this and other leases, and the transportation of oil, gas and water upon and over said premises and highways along the same, with the right to use sufficient oil, gas and water to drill all wells and for all purposes necessary or convenient in operating the

same on this or adjoining leases; which premises or tract of land is situated in \_\_\_\_\_ District, \_\_\_\_\_ County, \_\_\_\_\_, on the waters of \_\_\_\_\_, and bounded as follows:

On the North by lands of \_\_\_\_\_

On the East by lands of \_\_\_\_\_

On the South by lands of \_\_\_\_\_

On the West by lands of \_\_\_\_\_

containing \_\_\_\_\_ acres, more or less, and being the same land conveyed to the Lessor by \_\_\_\_\_

by deed dated \_\_\_\_\_, 19 \_\_\_\_\_, and recorded in the office of the

Clerk of the County Court of \_\_\_\_\_ County, in Deed Book \_\_\_\_\_, at page \_\_\_\_\_, reserving therefrom 200 feet from the buildings now on said land on which no wells shall be drilled by either party except by mutual consent.

It is agreed that this lease shall remain in force for the term of ten years from this date and as long thereafter as the Lessee is engaged in the production of or search for oil and gas, or either of them, and so long as the rental described in paragraph "Fifth" is paid.

IN CONSIDERATION OF THE PREMISES the said Lessee covenants and agrees:

First: To deliver to the credit of the Lessor, free of cost, in the pipeline or tanks to which the wells of the Lessee may be connected, the equal one-eighth (1/8) part of all oil and natural gas produced and saved from the leased premises, or at the Lessee's option to pay to the Lessor an amount equal to the market price of such one-eighth (1/8) royalty oil and natural gas based upon the market price for oil and natural gas of like grade and gravity prevailing on the date such oil and natural gas is run into the pipeline or storage tanks.

Second: To pay to the Lessor one-eighth (1/8) of then prevailing price, at the well-head, for the gas from each gas well drilled on said premises, which gas is marketed and used off said premises.

Third: That the Lessor may use gas for heating and lighting the inside of one dwelling house situate on the leased premises, from the well head of any one well producing more gas than is necessary for the operation of this lease. Lessor hereby releases Lessee from all claims for damages which may result from the Lessor's use of said gas. Lessor's use of free gas under this clause shall be limited to 200,000 cubic feet per annum, except where Lessor's acreage is pooled with other acreage under the terms of paragraph Sixth below, Lessor's free gas rights per annum shall be prorated by multiplying the percentage of Lessor's acreage in the pooled unit by 200,000 cubic feet. Lessor hereby agrees to pay Lessee for all gas used in excess of aforesaid free gas rights at the same rate being charged by local utility at time of use. Lessor further agrees to give free right of way over and through premises for service lines of all other members of the unit.

Fourth: To pay for damages done to growing crops occasioned by the location and drilling of any well or wells.

Fifth: In case no well is commenced on said premises in or before three months from the date hereof, to pay Lessor one dollar per acre annually, payable quarterly in advance, for each additional three months such location and commencement is delayed from the time above mentioned for the location and commencement of such well until a well is commenced and for such further time as shall elapse between the completion of such well and the first delivery of oil and/or gas therefrom.

Sixth: Lessee hereby is given the right at its option, at any time from the date hereof while this agreement shall be in effect and from time to time within such period, to pool all or any part or parts of the leased premises or rights therein with any other land in the vicinity thereof, or with any leasehold, operating or other rights or interests in such other land to create units of such size and surface acreage as Lessee may desire, but containing not more than 300 acres plus 10% acreage tolerance, unless units of larger size are required by rule, regulation or order of any governmental authority, and if such larger units are so required by governmental authority, any such unit may be established or enlarged to conform to the size specified by such governmental authority. Each unit may be created by governmental authority or by a written declaration-notice executed by Lessee and recorded by Lessee in the proper clerk's office in the county where this leasehold estate is located. Such written declaration-notice shall contain a description of the unit so created, specifying the mineral stratum or horizon so pooled if so limited. Any well which is commenced, or is drilled or is producing on any part of any lands theretofore or thereafter so pooled shall, except for the payment of royalties, be considered a well commenced, drilled and producing on the lands hereby leased. There shall be allocated to the portion of the leased premises included in any such pooling such proportion of the actual production from all lands so pooled as such portion of the leased premises, computed on an acreage basis, bears to the entire acreage of the lands so pooled. The production so allocated shall be considered for the purpose of payment or delivery of royalty to be the entire production from the portion of the leased premises included in such pooling in the same manner as though produced from such portion under the terms of this lease. Each of said options may be exercised by the Lessee from time to time, and a unit may be formed by Lessee either before or after a well has been drilled, or production has been established on the leased premises or on a portion of the leased premises which is included in the pooling or on other lands which are pooled therewith.

All payments under this lease shall be made direct to the Lessor, or by check mailed to \_\_\_\_\_ Address \_\_\_\_\_, W. Va.

It is agreed that the Lessee shall have the right to surrender this lease as to all of said tract or any part thereof, at any time, by delivering to the Lessor an instrument of surrender, and by recording such instrument in the proper office in the county where such lease is located, which shall be a full and legal surrender of this lease as to all of said tract or any part therein described, and which delivery and recordation shall cancel all liabilities under said lease both past and future, of each and all parties hereto.

It is agreed that the terms and conditions herein contained shall be binding upon the heirs, successors or assigns of the parties hereto.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and seals on the first date above written.

(SEAL) \_\_\_\_\_ (SEAL) \_\_\_\_\_ (SEAL) \_\_\_\_\_ (SEAL) \_\_\_\_\_

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C<sup>o</sup> & GAS DIVISION  
DEPT. OF MINES

04/05/2024

ACKNOWLEDGMENT OF LEASE

STATE OF West Virginia County of Wood, To-wit;

I, Martin N. Helley, a Notary Public of said County of Wood

do certify that John W. Light, widow

whose names are signed to the within writing bearing date the 14<sup>th</sup> day of April, A.D., 1977 this day acknowledged the same before me in my said county.

Given under my hand and official seal this 14<sup>th</sup> day of April, A.D., 1977.

My commission expires 6/19, 1983.

Martin N. Helley  
Notary Public

ACKNOWLEDGMENT OF LEASE

STATE OF \_\_\_\_\_ County of \_\_\_\_\_, To-wit;

I, \_\_\_\_\_, a Notary Public of said County of \_\_\_\_\_

do certify that \_\_\_\_\_

whose names are signed to the within writing bearing date the \_\_\_\_\_ day of \_\_\_\_\_, A.D., 19\_\_\_\_ this day acknowledged the same before me in my said county.

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

My commission expires \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
Notary Public

ACKNOWLEDGMENT OF LEASE

STATE OF \_\_\_\_\_ County of \_\_\_\_\_, To-wit;

I, \_\_\_\_\_, a Notary Public of said County of \_\_\_\_\_

do certify that \_\_\_\_\_

whose names are signed to the within writing bearing date the \_\_\_\_\_ day of \_\_\_\_\_, A.D., 19\_\_\_\_ this day acknowledged the same before me in my said county.

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

My commission expires \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
Notary Public

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OIL & GAS DIVISION  
DEPT. OF MINES

MAP NO. \_\_\_\_\_  
L AND GAS LEASE  
FROM \_\_\_\_\_  
TO \_\_\_\_\_  
OF YEARS \_\_\_\_\_  
LEASED \_\_\_\_\_  
DED: \_\_\_\_\_

Filed to record in the office  
of the County Commission of Ritchie  
APR 20 1977

12:16 o'clock P.M.  
Lease  
Page 6  
John B. Dray  
Clerk

04/05/2024

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

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JUL 26 1983

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

Permit No. 085 5960

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>Buchanan</u> Address _____ Farm <u>Light</u> Well No. <u>#1</u> District _____ County <u>Putnam</u> 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 3/8			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: 7 2183 NOT Drilled

7 2183  
DATE  
OK To Release Permit Expires  
Cancelled  
Jerry  
04/05/2024  
DISTRICT WELL INSPECTOR





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

WALTER N. MILLER  
DIRECTOR

THEODORE M. STREIT  
ADMINISTRATOR

August 31, 1983

Wayman W. Buchanan  
P. O. Box 106  
Kenna, W. Va. 25248

In Re: PERMIT NO: 47-085-5960  
FARM: Helen Light/M. Sprout  
WELL NO: Light #1  
DISTRICT: Grant  
COUNTY Ritchie

Gentlemen:

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

XXXXXX The well designated by the above permit number has been released under your Blanket Bond. (Permit Cancelled - Never Drilled.)

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

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

Very truly yours,

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

~~712~~

BOOK 776 PAGE 280 2582

ASSIGNMENT OF OIL AND GAS LEASES

STATE OF WEST VIRGINIA  
COUNTY OF KANAWHA

KNOW ALL MEN BY THESE PRESENTS, THAT:

WHEREAS, MORRIS EXPLORATION COMPANY, having an address of 401 Peoples Building, Charleston, West Virginia, 25301, hereinafter called "Assignor", is the owner and holder of those certain Oil and Gas Leases covering lands in the State of West Virginia, as more particularly described in the schedule of leases attached hereto, marked Exhibit "A", and by reference made a part hereof.

NOW THEREFORE, Assignor, for and in consideration of the sum of Ten and No/100 Dollars (\$10.00) cash in hand paid by WAYMAN W. BUCHANAN, having an address of 444 Petroleum Commerce Building, San Antonio, Texas, 78205, hereinafter called "Assignee", and subject to further provisions set forth, has sold, assigned, transferred and conveyed and by these presents does sell, assign, transfer and convey unto Assignee all of the Assignor's right, title and interest in and to each and all of the Oil and Gas Leases described and referred to upon Exhibit "A", together with all rights thereunder and incident thereto, including any and all personal property located thereon or used in connection therewith.

TO HAVE AND TO HOLD unto Assignee, their successors, legal representatives and assigns, subject to the following reservations and agreements, to-wit:

Assignor hereby excepts from this Assignment and reserves and retains unto Assignor an overriding royalty on the oil and gas (including the respective constituent elements produced with the oil and gas) that may be produced, saved and sold from the land covered by said lease.

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OCT 21 1982

On Oil, Seven and One-half percent (7.5%) of 8/8 of all of that produced and saved, the same to be delivered at the wells or to the credit of Assignor into the pipeline to which the wells may be connected; and

04/05/2024

OIL & GAS DIVISION  
DEPT. OF MINES

Mail: Morris Exploration Co.  
414 People Bldg,  
Charleston, W. Va. 25301

(b) On gas, including casinghead gas or other gaseous substances produced and sold or used off the premises or in the manufacture of gasoline, or other products therefrom, the market value at the well of Seven and One-half percent (7.5%) of 8/8 of all of the gas sold or used.

Assignee, Wayman W. Buchanan, accepts this assignment subject to the terms and conditions of that certain Letter of Agreement dated August 9, 1982, by and between Assignor and Carl E. Smith, and Assignee agrees to assume all of Assignor's rights, privileges, duties and obligations as set forth in said Agreement.

This Assignment is made without warrant of title, either express or implied, and is subject to all of the terms, stipulations, covenants and conditions of said Leases.

EXECUTED this 31st day of August, 1982.

(This instrument was prepared by Stephen E. Cain, 401 Peoples Building, Charleston, West Virginia, 25301.)

MORRIS EXPLORATION COMPANY  
a corporation,

By: [Signature]  
Jim P. Morris  
President

[Signature]  
Wayman W. Buchanan

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OCT 21 1982

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

COUNTY OF KANAWHA, to-wit:

The foregoing instrument was acknowledged before me this 28th day of September, 1982, by Jim P. Morris, President of MORRIS EXPLORATION COMPANY, a corporation, and Wayman W. Buchanan.

My Commission Expires: December 1, 1990 04/05/2024



Prepared by:  
Merrill J. [unclear]

[Signature]  
NOTARY PUBLIC

~~734~~

EXHIBIT "A"

"Attached to and made a part of Assignment of Oil and Gas Leases dated August 31, 1982, by and between Morris Exploration Company, as Assignor, and Wayman W. Buchanan, as Assignee."

LEASE NUMBER	LESSORS	LEASE DATE	COUNTY	RECORDED BK/PG	GROSS ACRES
43-25A	C. K. Dotson, etux	06/27/78	Ritchie	125/567	150.00
43-25B	Faybelle C. Coyne, single	06/27/78	Ritchie	125/569	150.00
43-26A	H. P. McGinnis, etal	04/14/77	Ritchie	123/67	101.00
43-26B	Helen W. Light, widow	04/14/77	Ritchie	123/65	101.00
43-27A	Harvey C. Metz	04/28/77	Ritchie	123/552	187.50
43-28A	Mary E. Sewell, etal	06/07/80	Ritchie	131/447	27.00
43-29A	C. K. Dotson, etux	06/27/78	Ritchie	125/571	102.50
43-29B	Faybelle C. Coyne, single	06/27/78	Ritchie	125/573	102.50
43-29C	Janet M. Cunningham	04/06/82	Ritchie	142/822	102.50
43-29D	Charles F. Cannon, widower	04/06/82	Ritchie	144/274	102.50
43-30A	Shirley Rhinehart, etux	12/10/80	Ritchie	133/374	175.00
43-31A	W. M. Herron Heirs	12/22/80	Ritchie	140/532	19.75
43-31B	Kenneth Little, etux	01/19/82	Ritchie	141/3	19.75
43-32A	W. M. Herron Heirs	12/22/80	Ritchie	136/238	51.00
43-32B	Mary L. Gray, etux	04/02/82	Ritchie	142/750	51.00
43-33	Denver Staley, etux	03/05/81	Ritchie	134/699	10.50
43-20C	W. M. Herron Heirs	12/22/80	Ritchie	136/236	23.50
43-35	Willard R. MacAllaster	02/21/76	Ritchie	119/810	61.00
53-16	Ray A. Deem, etux	04/25/78	Wirt	153/160	18.00
43-36	Willard R. MacAllaster	02/21/76	Ritchie	119/804	23.00
54-5	Ray A. Deem, etux	04/25/78	Wood	704/184	167.00
43-24B	Helen W. Light, widow	04/14/77	Ritchie	123/63	167.75
43-37A					
43-26-1	Matilda M. Bailey	08/09/82	Ritchie	147/617	101.00
43-24-1	Matilda M. Bailey	08/09/82	Ritchie	147/621	167.75
43-25-1	Lucy Taylor	08/11/82	Ritchie	147/623	150.00
43-29-1	Lucy Taylor	08/11/82	Ritchie	147/619	102.50

BOOK 146 PAGE 142

STATE OF WEST VIRGINIA,

(Form CC No. 1)

Ritchie County Commission Clerk's Office, -----September 29th-----, 19--82----- at 9:00 o'clock A. M.

and Exhibit A attached

The foregoing writing, with the certificate of acknowledgment/thereto, was this day admitted to record in said office.

Teste: Linda B. Mang, Clerk

RECEIVED 04/05/2024

OCT 21 1982

OIL & GAS DIVISION DEPT. OF MINES

3-4

Filed and admitted to record in the office  
of the Clerk of the County Commission of Ritchie  
County, W. Va. SEP 29 1982

Recorded in lease at 9:00 o'clock A M

Book No. 148 Page 792

By: Sumida B. Mays  
Clerk

For:

*Approved by [Signature] with fees in 75149 -  
Chadron, W. Va. 25301*

Co.

Received for Record on the 29 day of

Sept. 1982 at 2:55 O'clock P M.

Recorded in the Office of the Clerk of the County Commission of Wirt County, W. Va.

In Deed Book No. 166 at page 144

Barbara Chumment

PAID 3.00 Clerk Wirt County Commission

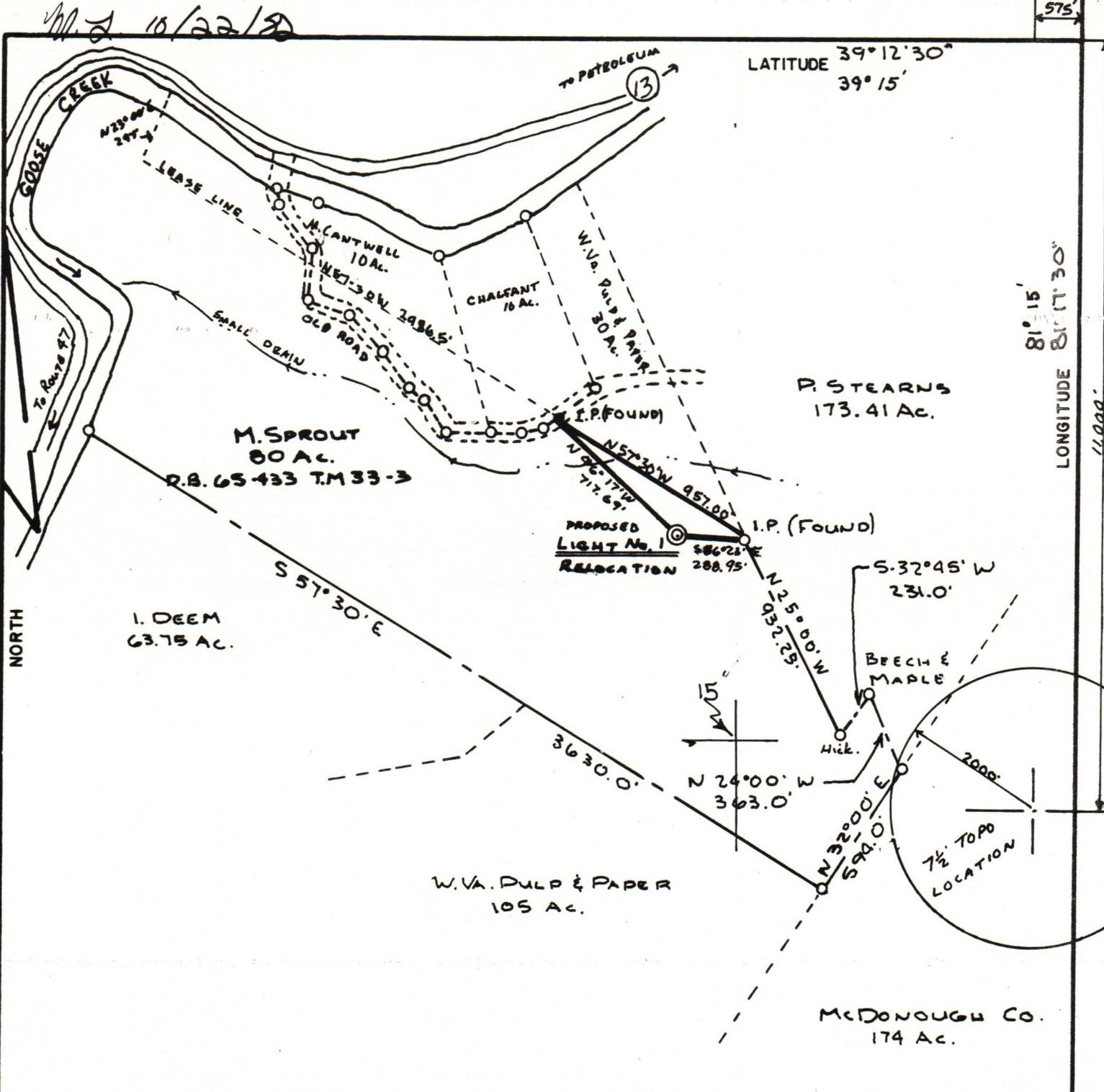
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OCT 21 1982

04/05/2024

OIL & GAS DIVISION  
DEPT. OF MINES

770 280  
782



FILE NO. F.B. 35  
 DRAWING NO. 82118  
 SCALE 1" = 600'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION OLD G.S.C. Well # 3093  
SOUTH OF LOCATION

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) Wayne Buchanan  
 P.E. \_\_\_\_\_ L.L.S. 434

PLACE SEAL HERE

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



Department of Mines  
 Oil & Gas Division

DATE 10-18, 19 82  
 OPERATOR'S WELL NO. LIGHT No. 1  
 API WELL NO. RELOCATION  
47-085-5960  
 STATE COUNTY PERMIT

Cancelled

WELL TYPE: OIL \_\_\_\_\_ GAS X LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS", PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW X)  
 LOCATION: ELEVATION 858.25 WATER SHED GOOSE CREEK  
 DISTRICT GRANT COUNTY ITCHIE  
 QUADRANGLE PETROLEUM (7.5')

SURFACE OWNER M. SPROUT ACREAGE 80 04/05/2024  
 OIL & GAS ROYALTY OWNER HELEN LIGHT HEIRS LEASE ACREAGE 86  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL X 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 4800'  
 WELL OPERATOR WAYMAN BUCHANAN DESIGNATED AGENT JIM P. MORRIS  
 ADDRESS SAN ANTONIO TEXAS ADDRESS CHARLESTON, W.V.A.