



STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil \_\_\_ / Gas X /  
(If "Gas", Production X / Underground storage \_\_\_ / Deep \_\_\_ / Shallow X /

LOCATION: Elevation: 1079.25 Watershed: Goose Creek  
District: Grant County: Ritchie Quadrangle: Petroleum (7.5')

WELL OPERATOR Wayman W. Buchanan  
Address 444 Petroleum Commerce Building  
San Antonio, Texas 78205

DESIGNATED AGENT Jim P. Morris  
Address 401 Peoples Building  
Charleston, WV 25301

OIL AND GAS  
ROYALTY OWNER Helen Light  
Address 916 Juliana Street  
Parkersburg, WV 26101  
Acreage 80

COAL OPERATOR None  
Address \_\_\_\_\_

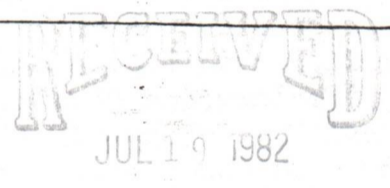
SURFACE OWNER M. Sprout  
Address Rt. 1, Box 32  
Harrisville, WV 26362  
Acreage 80

COAL OWNER(S) WITH DECLARATION ON RECORD:  
NAME \_\_\_\_\_  
Address \_\_\_\_\_  
NAME \_\_\_\_\_  
Address \_\_\_\_\_

OLD SALE (IF MADE) TO:  
NAME \_\_\_\_\_  
Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION ON RECORD:  
NAME \_\_\_\_\_  
Address \_\_\_\_\_

OIL AND GAS INSPECTOR TO BE NOTIFIED:  
NAME \_\_\_\_\_  
Address Samuel N. Hersman  
P.O. Box 66  
Smithville, W.Va. 26178  
Telephone PH: 477-3597



OIL & GAS DIVISION  
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_ / lease X / other contract \_\_\_ / dated 4/14, 1977, to the undersigned well operator from Helen Light

If said deed, lease, or other contract has been recorded:  
recorded on \_\_\_\_\_, 19\_\_\_\_, in the office of the Clerk of County Commission of \_\_\_\_\_

County, West Virginia, in \_\_\_\_\_ Book at page \_\_\_\_\_. A permit is requested as follows:  
PROPOSED WORK: Drill X / Drill Deeper \_\_\_ / Redrill \_\_\_ / Fracture or stimulate \_\_\_ / Plug off old formation \_\_\_ / Perforate new formation \_\_\_ / Other physical change in well (specify) \_\_\_\_\_

--planned as shown on the work order on the reverse side hereof.  
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 receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
13 WASHINGTON ST., E.  
CHARLESTON, WV 25311

Wayman W. Buchanan  
Well Operator

By: Jim P. Morris  
Designated Agent

BLANKET BOND

08/18/2023



PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Clint Hurt

Address Edens Fork, WV

GEOLOGICAL TARGET FORMATION Marcellus Shale

Estimated depth of completed well 4800 feet. Rotary X / Cable tools /
Approximate water strata depths: Fresh, 200 feet; salt, 2000 feet.
Approximate coal seam depths: None
Is coal being mined in this area: Yes / No X / Salt Sand = 1429

CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight, New, Used), FOOTAGE INTERVALS (For Drill, Left in Well), CEMENT FILL (UP OR SACKS, Cubic ft.), PACKERS (Kinds, Sizes, Depths set, Perforations: Top Bottom)

NOTE: 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.

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.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 3-22-83
BY [Signature]

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:

W A I V E R

I, 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 coal operator has complied with all applicable requirements of the West Virginia Code and governing regularions.

Date: \_\_\_\_\_, 19\_\_

By: \_\_\_\_\_

Its: \_\_\_\_\_

08/18/2023

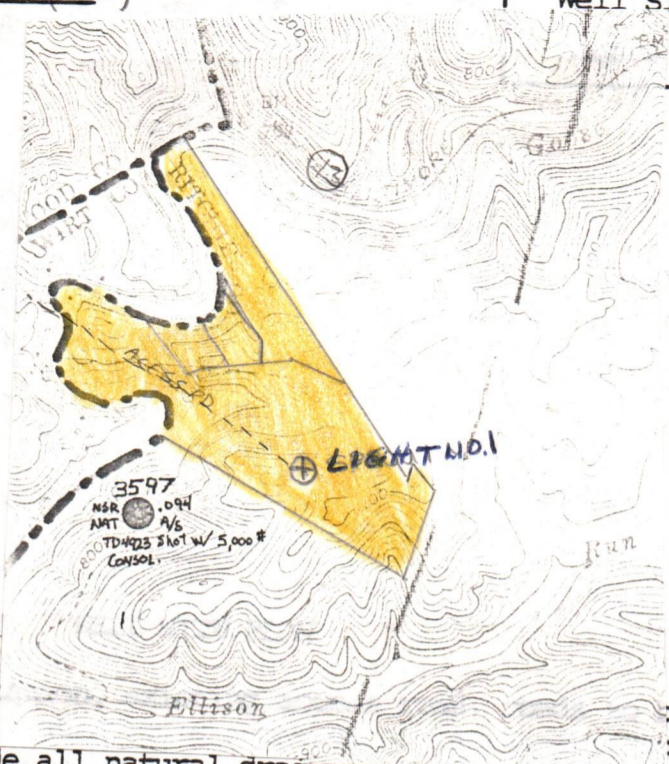


ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE PETROLEUM (7.5)

LEGEND

Well Site ⊕

Road ———

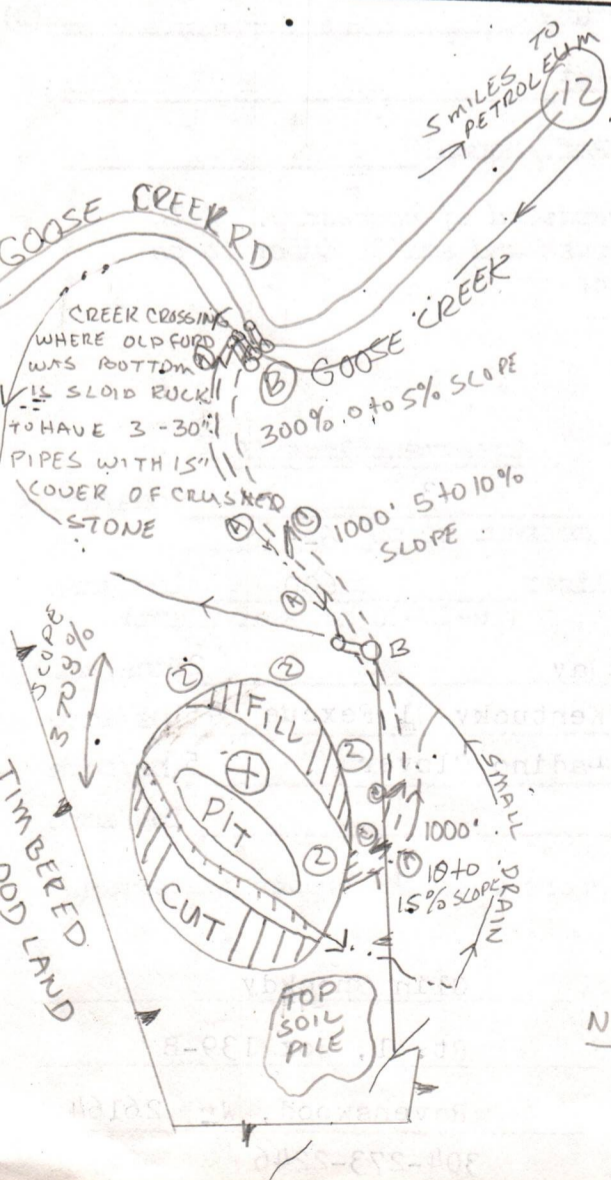


Sketch to include well location, drilling pits and necessary roads. Part of this plan. Include all natural drainage.

to 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 6 MONTHS AFTER WELL IS COMPLETED.

08/18/2023

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





DATE July 8, 1982

WELL NO. LIGHT ~~Sprout~~ No. 1

State of West Virginia  
Department of Mines  
Oil and Gas Division

API NO. 47-085-5769

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Wayman Buchanan  
Address San Antonio, Texas  
Telephone 512-223-3897

DESIGNATED AGENT Jim P. Morris  
Address Charleston, WV  
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 _____

RECEIVED  
JUL 19 1982  
OIL & GAS DIVISION  
DEPT. OF MINES

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

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

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  
Ladino Clover 5 lbs/acre  
\_\_\_\_\_ lbs/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

PHONE NO.

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

08/18/2023





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

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JUL 19 1982

OIL & GAS DIVISION  
 DEPT. OF MINES

*Ret - 5769*

Yes \_\_\_ / No X / The right to extract, produce or market the oil or gas is based upon a lease or leases 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 and gas so extracted, produced or marketed.

If the answer to this question is yes, you may use this affidavit.

AFFIDAVIT

I, \_\_\_\_\_ (the above designated owner or operator, or authorized representative thereof), after being duly sworn, do depose and say that the undersigned is authorized by the owner of the working interest in the well to state that it shall tender to the owner of the oil and gas in place not less than one-eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced or marketed before deducting the amount to be paid to or set aside for the owner of the oil or gas in place, all such oil or gas to be extracted, produced or marketed from the well

Signed: \_\_\_\_\_

Taken, subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_.

Signed: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

08/18/2023

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

RECEIVED

JUL 18 1983

*Final*  
INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 47 085 5769

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

Company <u>Wayman W Buchanan</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>San Antonio Texas 78205</u>	Size			
Farm <u>Helow Light</u>	16			Kind of Packer _____
Well No. <u>1</u>	13			
District <u>Grant</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: 71483 Location partially burst NOT Drilled  
Needs Reclaimed

Cannot Release

7-14-83  
DATE

Jerry W. Fink  
08/18/2023  
DISTRICT WELL INSPECTOR



Form 26  
2/16/82

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

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

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

Drillers' Names \_\_\_\_\_

Remarks:

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

08/18/2023  
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS

NOTICE OF EXPIRED PERMIT

1 OCT 85 1:06

REC'D. - CHAS.

Permit number: 47- 85-5769  
Company: BUCHANAN, WAYMAN  
Date: 27-Nov-84  
Date issued: 7/22/82

County: RITCHIE  
Farm: M SPROUT/HELEN LIGHT #1  
Well no.:  
Date expired: / / 0

I have inspected the above wellsite and found no well work done. Please cancel this well work permit.

Signed: Samuel M. Kersman

Date: 9-24-85

- ① NOTE - access road was built and location started.  
But land owner Thomas Ancona will use road for farm access road.
- ② Road also will be used by Gene Stalnaker, Inc. for access road for future drilling
- ③ Location has prepared over and access road goes through site to future well for Gene Stalnaker, Inc.
- ④ can see no reason to reclaim site (site very small)

08/18/2023





STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 DIVISION OF OIL AND GAS  
 1615 Washington Street, East  
 Charleston, West Virginia 25311  
 Telephone: 348-3500

October 8, 1985

ARCH A. MOORE, JR.  
 Governor

Wayman Buchanan  
 444 Petroleum Commerce Building  
 San Antonio, Texas 78205

In Re: Permit No: 47-085-5769  
 Farm: Helen Light  
 Well NO: One  
 District: Grant  
 County: Ritchie  
 Issued: 7-22-82

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. ONLY the Column checked below applies:

The well designated by the above captioned permit number has been released under XXXX your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that 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 22B, Article 1, Section 26, the above captioned well will remain under bond coverage for life of the well.

XXXX PERMIT CANCELLED - NEVER DRILLED

Respectively,

Theodore M. Streit

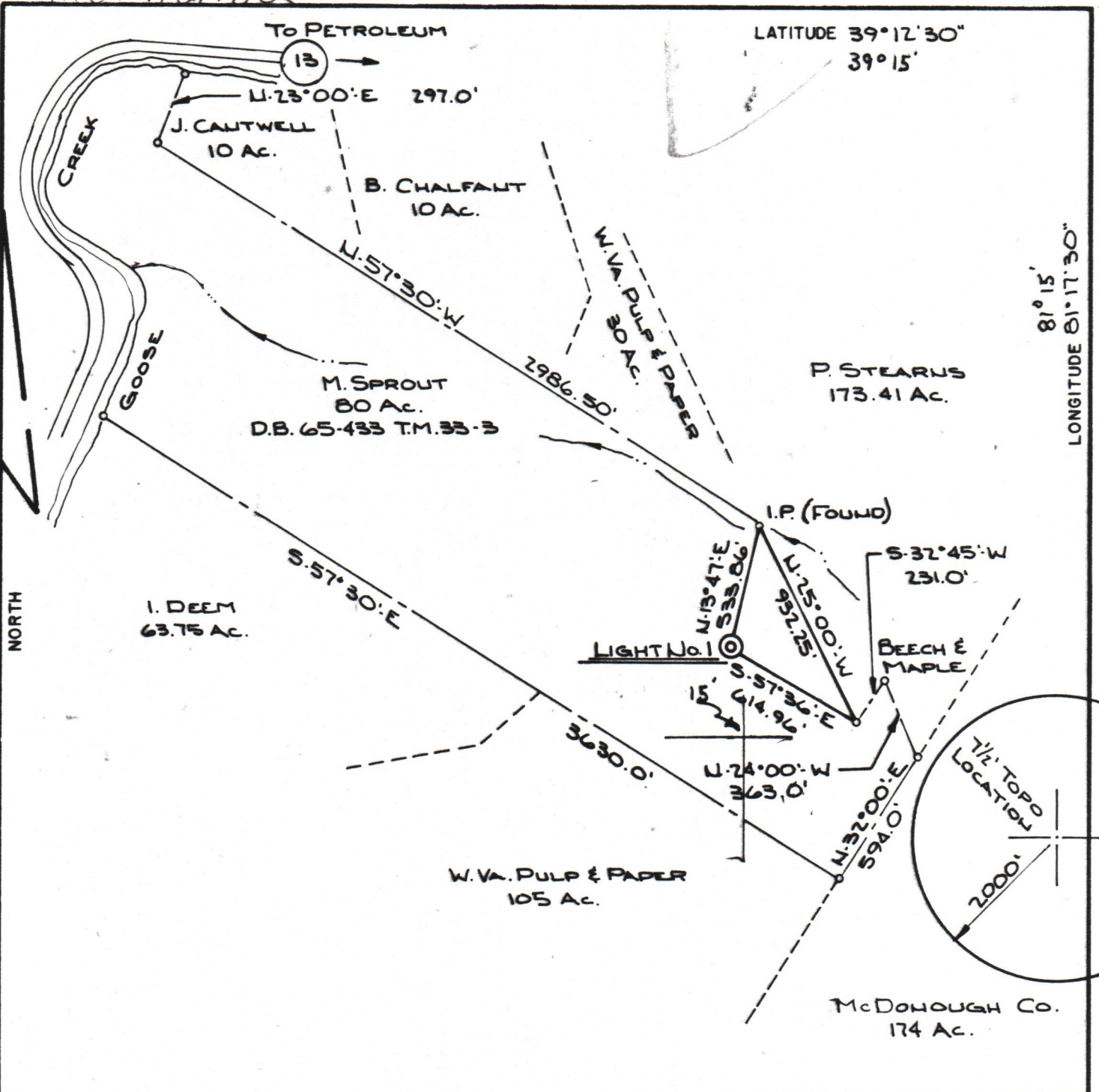
TMS/ nw

08/18/2023



M.L. 7/21/82

450'



FILE NO. F.B. 33  
 DRAWING NO. B2092  
 SCALE 1" = 600'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION OLD G.S.C. WELL #3843 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) Helen Light  
 R.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

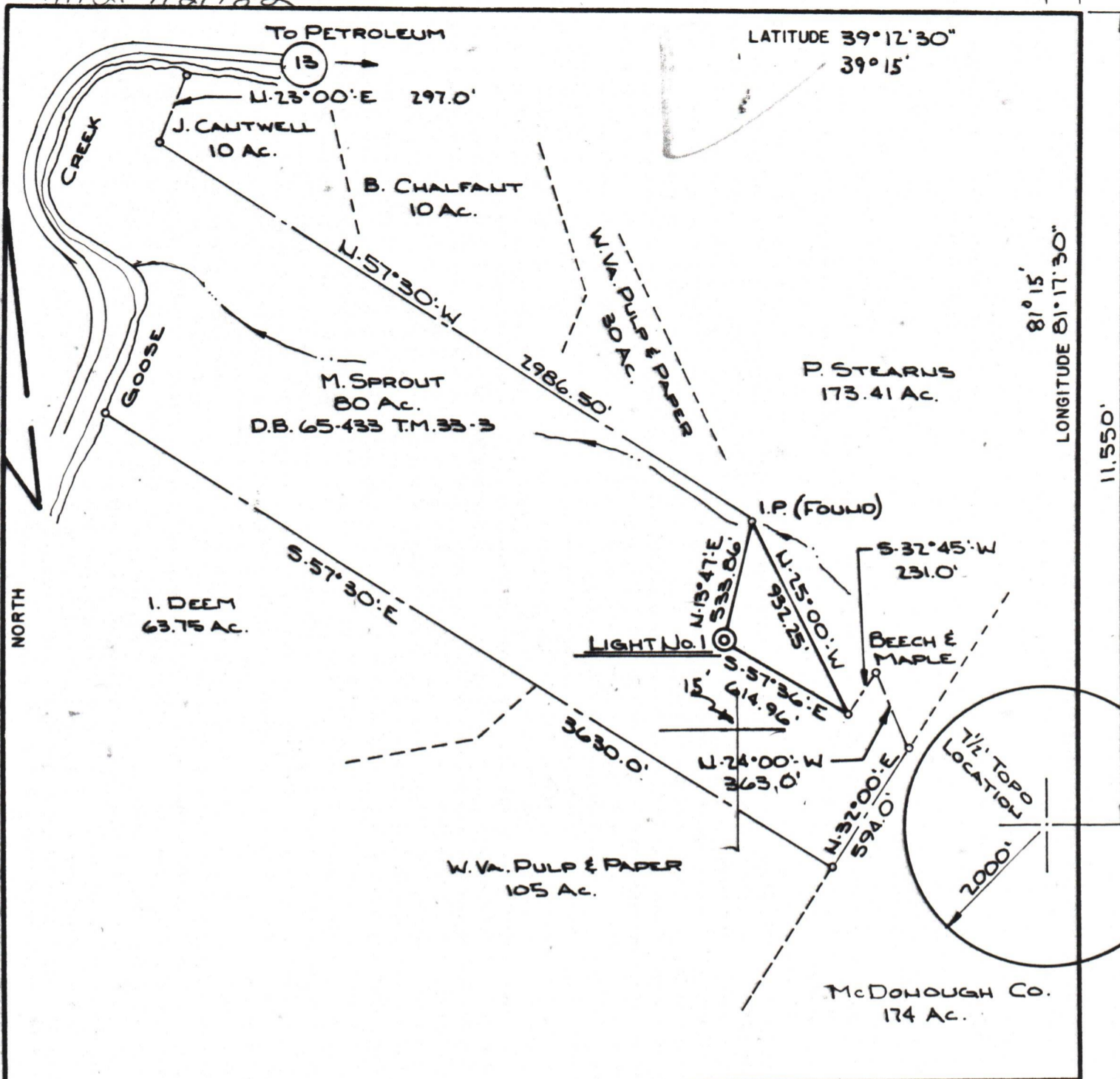
DATE 7-16, 19 82  
 OPERATOR'S WELL NO. LIGHT NO. 1  
 API WELL NO. 47-085-5769  
 STATE COUNTY PERMIT  
cancelled

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS", PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X)  
 LOCATION: ELEVATION 1079.75 WATER SHED GOOSE CREEK  
 DISTRICT GRANT COUNTY ITCHIE  
 QUADRANGLE PETROLEUM (7.5')  
 SURFACE OWNER M. SPROUT ACREAGE 80  
 OIL & GAS ROYALTY OWNER HELEN LIGHT LEASE ACREAGE 80  
 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.VA.

08/18/2023



M.J. 7/21/82



FILE NO. F.B. 33  
 DRAWING NO. B2092  
 SCALE 1" = 600'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION OLD G.S.C. WELL #3843 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) [Signature]  
 R.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 7-16, 19 82  
 OPERATOR'S WELL NO. LIGHT NO. 1  
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 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) \_\_\_\_\_  
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 ADDRESS SAN ANTONIO, TEXAS ADDRESS CHARLESTON, W.VA.