

FILE COPY

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JAN 16 1985

**OIL & GAS DIV.
DEPT. OF MINES**



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

APPLICATION FOR A WELL WORK PERMIT

1) Date: January 16, 1985
2) Operator's Well No. Berdine #2B
3) API Well No. 47 - 085 - 7301 State County Permit

- 4) WELL TYPE: A Oil / Gas / B (If "Gas", Production) / Underground storage / Deep / Shallow /
- 5) LOCATION: Elevation: 1058' / Watershed: Cain Run / County: Ritchie / Quadrangle: Burnt House 7.5' / District: Murphy
- 6) WELL OPERATOR Subsurface Energy, Inc. / 7) DESIGNATED AGENT Johnny Mike / Address 1967 Glamorgan St., suite B / Address Rt. 3, Box 74C / Alliance, Ohio 44601 48015 / Address Mannington, WV 26582
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED / Name Samuel Hersman / Address / Address
- 9) DRILLING CONTRACTOR: / Name / Address
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify) Alexander
- 11) GEOLOGICAL TARGET FORMATION,
- 12) Estimated depth of completed well, 5250' feet
- 13) Approximate strata depths: Fresh, feet; salt, feet.
- 14) Approximate coal seam depths: Is coal being mined in the area? Yes / No X

15) 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		32#	X		250'	250'	surface by rule 15.05	
Fresh water									Sizes
Coal						2200'	2200'	150sks	
Intermediate	7"		21#	X		Total depth (if prod)		400/sk over as required by rule 15.05	Deposition
Production	4 1/2"		10.5	X					
Tubing	2 3/8		J-55	X					Perforations:
Liners									Top Bottom

**OFFICE USE ONLY
DRILLING PERMIT**

Permit number 47-085-7301 Date January 16, 19 85

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. 8) 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.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof. Permit expires January 16, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>151</u>	<u>MH</u>	<u>MH</u>	<u>MH</u>	<u>1774</u>

Margaret J. Hassa
Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

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OFFICE USE ONLY

OIL & GAS DIV.
DEPT. OF MINES

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) WELL OPERATOR: Subsurface Energy, Inc.
 2) LOCATION: 1907 Glassboro St., Suite B
Alliance, Ohio 44601
 3) OIL & GAS INSPECTOR TO BE NOTIFIED: Samuel Herriman
 4) PROPOSED WELL WORK: HT-3297
 5) GEOLOGICAL REPORT FORMATION: ATKINSLET
 6) APPROXIMATE DEPTH OF COMPLETED WELL: 3250'
 7) APPROXIMATE DEPTH OF PROPOSED WELL: 3250'
 8) APPROXIMATE TIME TO BE TAKEN TO COMPLETE WELL: 10-15 days
 9) APPROXIMATE COST TO BE INCURRED: \$10,000

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____
 Reason: _____

1) Date: January 3, 1985
2) Operator's Well No. Berdine #2B
3) API Well No. 47-085-7301
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED
(i) Name Thomas Quinn
Address Hazelgreen, WV 26367
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD
Name _____
Address _____
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

- 6) 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.)
- 7) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or leases or other 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.

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DEPT. OF MINES

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by
Phil M. Reid
this 3rd day of January, 1985.
My commission expires April 9, 1989.

WELL OPERATOR Subsurface Energy, Inc.
By X [Signature]
Its Vice President
Address 1967 Glamorgan St., Suite B
Alliance, Ohio 44601
Telephone 216-821-9073

Notary Public, Portage County,
State of _____

12/22/2023

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc. Grantee, lessee, etc. Royalty Book Page



12/22/2023



1) Date: January 3, 19 85
 2) Operator's Well No. Berdine #2B
 3) API Well No. 47 State _____ County _____ Permit _____

**STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil _____ / Gas _____ /
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: _____ Watershed: Cain Run
 District: Murphy County: Ritchie Quadrangle: Burnt House 7.5'
- 6) WELL OPERATOR Subsurface Energy, Inc. 7) DESIGNATED AGENT Johnny Mike
 Address 1967 Glamorgan St., suite B Address Rt. 3, Box 74C
Alliance, Ohio 44601 Mannington, WV 26582
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Samuel Hersman Name _____
 Address _____ Address _____
- 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Alexander
 12) Estimated depth of completed well, 5250' feet
 13) Approximate trata depths: Fresh, _____ feet; salt, _____ feet.
 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No _____

15) 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	<u>9 5/8</u>		<u>32#</u>	<input checked="" type="checkbox"/>		<u>250'</u>	<u>250'</u>	<u>surface</u>	Kinds
Fresh water									Sizes
Coal									Depth
Intermediate	<u>7"</u>		<u>21#</u>	<input checked="" type="checkbox"/>		<u>2200'</u>	<u>2200'</u>	<u>150sks</u>	Perforations
Production	<u>4 1/2"</u>		<u>10#5</u>	<input checked="" type="checkbox"/>		<u>Total depth (if prod)</u>			Bottom
Tubing	<u>2 3/8</u>		<u>J-55</u>	<input checked="" type="checkbox"/>					
Liners									

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 DEPT. OF MINES

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)
 NAME: _____
 By _____
 Its _____ Date _____

(For execution by natural persons)

 (Signature)

 (Signature)
 Date: 1/12/85
 Date: _____

12/22/2023
 Surface Owner



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION
APPLICATION FOR A WELL WORK PERMIT

INSTRUCTIONS TO SURFACE OWNERS AND

EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- “(1) The proposed well work will constitute a hazard to the safety of persons; or
- “(2) The plan for soil erosion and sediment control is not adequate or effective; or
- “(3) Damage would occur to publicly owned lands or resources; or
- “(4) The proposed well work fails to protect fresh water sources or supplies.”

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

This Assignment dated this 7th day of November, 1983, by and between Edwin Oats, party of the first part, hereinafter referred to as "Oats", and Galleria Energy Corporation d/b/a Formula Oil & Gas Company in West Virginia, a Texas Corporation, party of the second part, hereinafter referred to as "Formula"

WITNESSETH, that for and in consideration of the sum of Ten Dollars (\$10.00) cash in hand paid by Formula to Oats, the receipt and sufficiency of which is hereby acknowledged, Oats does hereby sell, assign, set over and convey unto Formula all of the right, title and interest of Oats in and any estate created by certain oil and gas lease agreements, the Assignment relating to the same hereinafter described, and the tract or parcel of land which the same affect or embrace, all of which are more particularly described in an Assignment by and between Extra Petroleum Corporation, Galleria Energy Corporation and Ferrel Prior, assignors, and Edwin Oats, assignee, which Assignment is of record in the Office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book 164, at page 496.

Witness the following signature and seal.

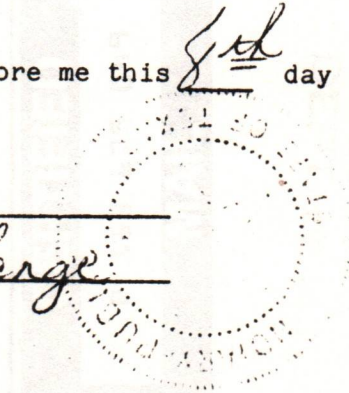
Edwin Oats (SEAL)
Edwin Oats

STATE OF TEXAS,

COUNTY OF Dallas TO-WIT:

The foregoing instrument was acknowledged before me this 7th day of November, 1983, by Edwin Oats.

My commission expires 10-22-86
Renee Lange
Notary Public



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OIL & GAS DIV.
DEPT. OF MINES

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

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MAY 7 - 1985

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 85-7301
85-7301

Oil or Gas Well _____
(KIND)

Company Subsurface Energy Inc.

Address _____

Farm Thomas Quinn

Well No. 2-A

District Murphy County Putnam

Drilling commenced _____

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 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: With Bob Stewart (Supervisor) and Greg Kenge (DNR) meet Speedy Riggs and look at location site and county road. - Reclamation crew still working on dirt and brush work - told Speedy Riggs to have brush directly below slope of location, cut and topile it. so dirt could be worked in properly - County road still being worked on.

4-30-85
DATE

Samuel N. [Signature]
12/22/2023
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OFFICE OF OIL AND GAS
CHARLESTON 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

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JUL 3 - 1985

OIL & GAS DIVISION

DEPT. OF MINES

Company: SUBSURFACE ENERGY INC
Farm: QUINN, THOMAS

Well: BERDINE 2B

Permit No. 47-⁽¹⁻¹⁶⁻⁸⁵⁾85-7301
County: RITCHIE

Rule	Description	In Compliance	
		Yes	No
23.06	Notification prior to starting work	✓	
25.04	Prepped before drilling to prevent waste		
25.03	High pressure drilling	✓	
16.01	Required permits at wellsite	✓	
15.03	Adequate Fresh Water Casings	✓	
15.02	Adequate Coal Casings	✓	
15.01	Adequate Production Casings	✓	
15.04	Adequate Cement Strength		
15.05	Cement Type		
23.02	Maintained Access Roads	✓	
25.01	Necessary Equipment to Prevent Waste		
23.04	Reclaimed Drilling Pits	✓	
23.05	No Surface or Underground Pollution		
23.07	Requirements for Production & Gathering Pipelines		
16.01	Well Records on Site	✓	
2	Well Records Filed	✓	
15.05	Identification Markings	✓	

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

SIGNED Samuel M. Hersman

DATE 6-24-85

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

T.H. v. B.B.
Administrator

July 11, 1985
Date

Hardman & Powell

Attorneys at Law

500 Green Street

P. O. Box 31

Parkersburg, WV 26102

July 25, 1982

Oville L. Hardman

James M. Powell

J. C. Powell

Telephone: 442-6555

Area Code 304

Galleria Energy Corp.
c/o Ferrel Prior
P.O. Box 1481
Parkersburg, WV 26102

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OIL & GAS DIV.
DEPT. OF MINES

RE: Prudence Wilson Heirs Lease
115 Acres
Cains Run
Murphy District
Ritchie County
West Virginia

Dear Sir:

I hereby certify that I have examined the title to the oil, gas and minerals within and underlying the aforesaid tract of real estate from the 23rd day of December, 1980, to the 25th day of July, 1982, and find, subject to the accuracy of the indices in the Office of the Clerk of the County Commission of Ritchie County, West Virginia, the state of the title to be as follows:

DESCRIPTION

The subject property is bounded and described as follows:

On the North by the lands of W. K. Prunty, (surface now owned by W. Va. Pulp and Paper Co.),
On the East by the lands of Mitchell, (surface now owned by James Rollins, Andrew Bird, Eloise McDougal and Geraldine Donaldson),
On the South by the lands of Davis, (surface now owned by the J.J. Davis Heirs),
On the West by the lands of Wass, (surface now owned by Thomas Quinn).

The subject property is more particularly described as follows:

FIRST: All that certian lot, tract or parcel of land lying and being in Murphy District, Ritchie County, West Virginia, on the Waters of Cain Run, a tributary of the South Fork of the Hughes River, bounded and described as follows: BEGINNING at C. O. and Hickory pointers on ridge, thence S. 12 3/4 E. 184.7 poles to C. O.; thence with lines of the Davis farm N. 67 1/4 E. 43 poles to hickory pointers; thence N. 69 1/4 E. 72.8 poles to a stone and two C. O. pointers; thence N. 16 1/4 W. 159.5 poles to stone; thence S. 59 1/2 W. 17.9 poles to C. O.; thence N.

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38 1/2 W. 30.7 poles to W.O.; thence S. 31 W. 50.3 poles to a stake; thence N. 87 W. 7.6 poles, also a tract of land containing one (1) acre, more or less, BEGINNING at a stone on the west side of the county ridge road; thence with west side of ridge road to the Four Forks in the low gap; thence with center of said road running down towards Cains Run to a stone on the upper side of county road in a line of P. E. Wilson, to the beginning, containing one hundred sixteen (116) acres, fifty three (53) poles, more or less.

There is excepted and reserved from the above tract, that certain lot or parcel of land lying and being in Murphy District, Ritchie County, West Virginia, on the Waters of Cain Run, bounded and described as BEGINNING at a stake at Samuel Haddox's lower line; thence S. 61 W. 14 poles to a stake and sugar pointer; thence N. 13 1/2 W. 11 1/2 poles to a stake and pine pointers; thence N. 61 E. 14 poles to a stone pile in said Haddox's line; thence with said line S. 13 1/2 E. 11 1/2 poles to the place of beginning, containing one (1) acre, more or less. See map attached.

See copy of former certificate attached.

OIL AND GAS LEASES AND ASSIGNMENTS

1. By lease dated the 19th day of January, 1981, recorded in Lease Book 133, at page 791, Nellie Goff, widow, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached.
2. By lease dated the 19th day of January, 1981, recorded in Lease Book 133, at page 793, Freda Garrison, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached.
3. By lease dated the 19th day of January, 1981, recorded in Lease Book 134, at page 125, William C. Berdine and also executed by Margeret L. Berdine, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached.
4. By lease dated the 19th day of January, 1981, recorded in Lease Book 134, at page 267, George Wilson and also executed by Helen T. Wilson, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached.
5. By lease dated the 19th day of January, 1981, recorded in Lease Book 136, at page 613, C. E. Snodgrass and executed by Eva C. Snodgrass, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached. The primary term is not to begin until all necessary signatures have been secured.
6. By lease dated the 19th day of January, 1981, recorded in Lease Book 137, at page 50, Gary Riggleman and Diane Riggleman, leased the above said property to Ray Edmonds for a primary term of one year. An

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identical form of the lease used is attached. The primary term is not to begin until all necessary signatures have been secured.

7. By lease dated the 19th day of January, 1981, recorded in Lease Book 137, at page 51, Doyle Hoover and Waneta Hoover, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached. The primary term is not to begin until all necessary signatures have been secured.

8. By lease dated the 19th day of January, 1981, recorded in Lease Book 137, at page 53, Mike Hayselett and Carlotta S. Hayslett, his wife, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached. The primary term is not to begin until all necessary signatures have been secured.

9. By lease dated the 19th day of January, 1981, recorded in Lease Book 137, at page 55, Hollis Snodgrass, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached. The primary term is not to begin until all necessary signatures have been secured.

10. By lease dated the 19th day of January, 1981, recorded in Lease Book 137, at page 57, Michael Snodgrass, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached. The primary term is not to begin until all necessary signatures have been secured.

11. By lease dated the 19th day of January, 1981, recorded in Lease Book 137, at page 59, Lila E. Morris and G. O. Morris, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached. The primary term is not to begin until all necessary signatures have been secured.

12. By lease dated the 19th day of January, 1981, recorded in Lease Book 137, at page 61, John Hoover and Opal Hoover, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached. The primary term is not to begin until all necessary signatures have been secured.

13. By lease dated the 19th day of January, 1981, recorded in Lease Book 137, at page 63, LuWilma Berdine, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached. The primary term is not to begin until all necessary signatures have been secured.

14. By lease dated the 2nd day of July, 1981, recorded in Lease Book 137, at page 289, Lewis Wilson, individually and as power of attorney for Virginia Wilson, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached. The Lessee agrees to drill one well within one year or this lease in null and void. There is no power of attorney recorded in Ritchie County granting Lewis Wilson the power of attorney for Virginia Wilson.

15. By lease dated the 24th day of June, 1981, recorded in Lease Book 137, at page 291, Virginia D. Wilson, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached. Lessee agrees to drill one well within one year or this lease is null and void.
16. By lease dated the 1st day of January, 1981, recorded in Lease Book 137, at page 483, Lenorris McDaniel, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached.
17. By lease dated the 19th day of July, 1981, recorded in Lease Book 137, at page 773, Edgar J. Wilson and Mary R. Wilson, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached.
18. By lease dated the 19th day of January, 1981, recorded in Lease Book 137, at page 807, Jesse E. Berdine and also executed by Greta A. Berdine, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached.
19. By lease dated the 5th day of October, 1981, recorded in Lease Book 138, at page 775, Richard Berdine as attorney for Ray Parry Berdine, leased the above said property to Ray Edmonds for a primary term of one year. An identical form of the lease used is attached.
20. By power of attorney dated the 6th day of October, 1981, recorded in Deed Book 198 at page 620, Ray Parry Berdine of Denver, Colorado, granted to Richard Berdine the power to lease any or any interest in all real estate situated in West Virginia. See Summary.
21. By assignment dated the 6th of May, 1982, recorded in Lease Book 143 at page 871, Ray Edmonds sells, assigns, transfers, sets over and conveys to Extra Petroleum Ltd., the above said property with all rights, title and interest therein.
22. By lease dated the 3rd of June, 1982, recorded in Lease Book 145, at page 368, C. E. Snodgrass (Agent) and Eva C. Snodgrass, (his wife), leased the above said property to Continental Petroleum Co. for a primary term of two years. See copy attached.
23. By assignment dated the 9th day of July, 1982, recorded in Lease Book 146, at page 227, Extra Petroleum, Ltd., assigns an undivided 81.25% of 100% interest in and to the following described lands to Galleria Energy Corp., with all rights, title and interest therein.

STATE OF TITLE

1. There have been no out conveyances nor any recorded deaths, by any of the previously certified oil, gas and mineral owners or by the surface owner.

12/22/2023

LEASEHOLD ESTATE

The leasehold estate of the subject property is owned by the following:

Extra Petroleum, Ltd. ---18.75%

Galleria Energy Corp. ---81.25%

See Summary.

TAXATION

The property has been assessed in the past two years as previously stated in certificate attached.

Quirm, Thomas W.	Surf	Map 21, Parcel 04 116 Acres, 53 Poles Cains Run
Wilson Prudence Heirs	1/3 OGM	115-53 Acres Cains Run
Tennant, Nora E.	1/3 OGM	115-53 Acres Cains Run
Wells, Gladys Mae Tennant	1/6 OGM	115-53 Acres Cains Run
Wells, Mrs. P. A.	1/6 OGM	115-53 Acres Cains Run

Regularly assessed.....

The property is incorrectly assessed because of an incorrect interpretation of the Edna M. Wells Will, as further explained in the "Recommendations" in the prior certificate.

Delinquencies.....None

The 1982 taxes have not been paid for the above people. The 1980 and 1981 taxes have been paid.

LIENS

1. None.

12/22/2023

SUMMARY

1. Pursuant to the information supplied and by phone conversations of July 23, 1982, an ownership affidavit, aka an heirship affidavit, regarding the heirs of Prudence Wilson is attached and should be executed by Fred W. Berdine, of Harrisville, WV, then recorded. ?
2. A lease from Sandra Fridley and her spouse, George Fridley, of Rt. #2, Box 241, Covington, VA, 24426 concerning this tract should be executed then recorded. This lease should not be back dated. ?
3. Pursuant to the information supplied, an ownership affidavit, aka an heirship affidavit, regarding the heirs of P. A. Wells is attached and should be executed by Ruth Ann Wells Efaw, then recorded. There is no estate of P. A. Wells recorded in said clerk's office.
4. The estate of Ernest C. Wilson should be settled. Nothing has been done to this estate other than the recording of the will of Ernest C. Wilson.
5. The lease by C. E. Snodgrass and Eva C. Snodgrass, his wife, to Continental Petroleum Co., (see copy attached), is not binding on this tract of real estate because the lease by C. E. Snodgrass to Ray Edmonds contains a typewritten paragraph stating that, "The primary term does not begin until all necessary signatures have been secured."
This typewritten paragraph, (in the lease from C. E. Snodgrass to Ray Edmonds), is enforceable at this time since the necessary signature of Sandra Fridley has not yet obtained nor has it been recorded. The enforceability of this type of clause by the courts is questionable since it provides for an indeterminate period of time before the primary term may begin. If an unreasonable amount of time transpires between the date of execution and the date the of the last necessary signature, then the lease might be considered abandoned by the courts.
6. The lease executed by Richard Berdine by power of attorney for Ray Parry Berdine is dated one day before Richard Berdine was granted the power of attorney for Ray Parry Berdine. The power of attorney does not grant the power of attorney to Richard Berdine for instruments that he had previously signed.
Another lease should be secured from Richard Berdine acting as attorney for Ray Parry Berdine dated on or after October 6, 1981.
7. There seems to be production of this lease that therefore would hold this leasehold past the primary term of the aforesaid leases.

Sincerely,

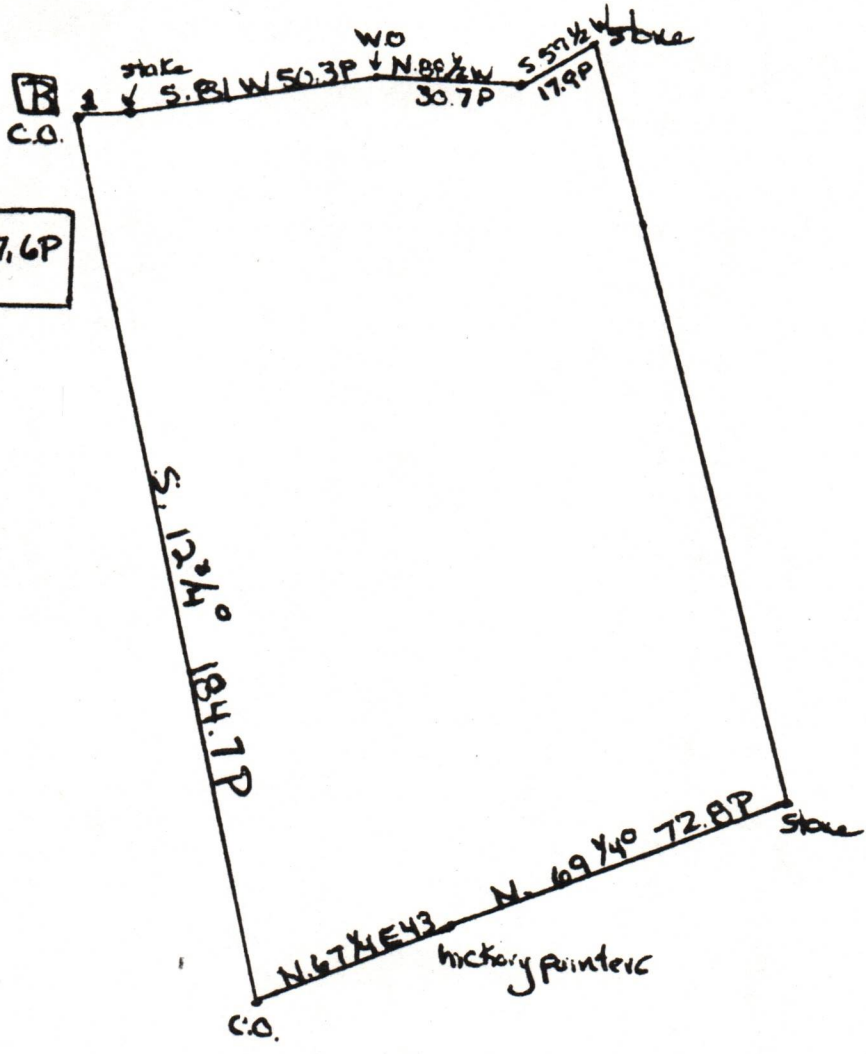
J. C. Powell

J. C. Powell

JCP/jcp
Attachments

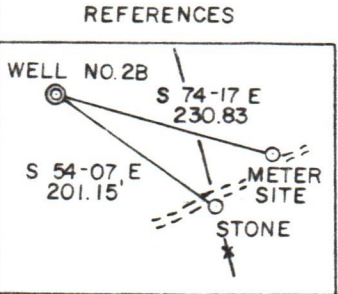
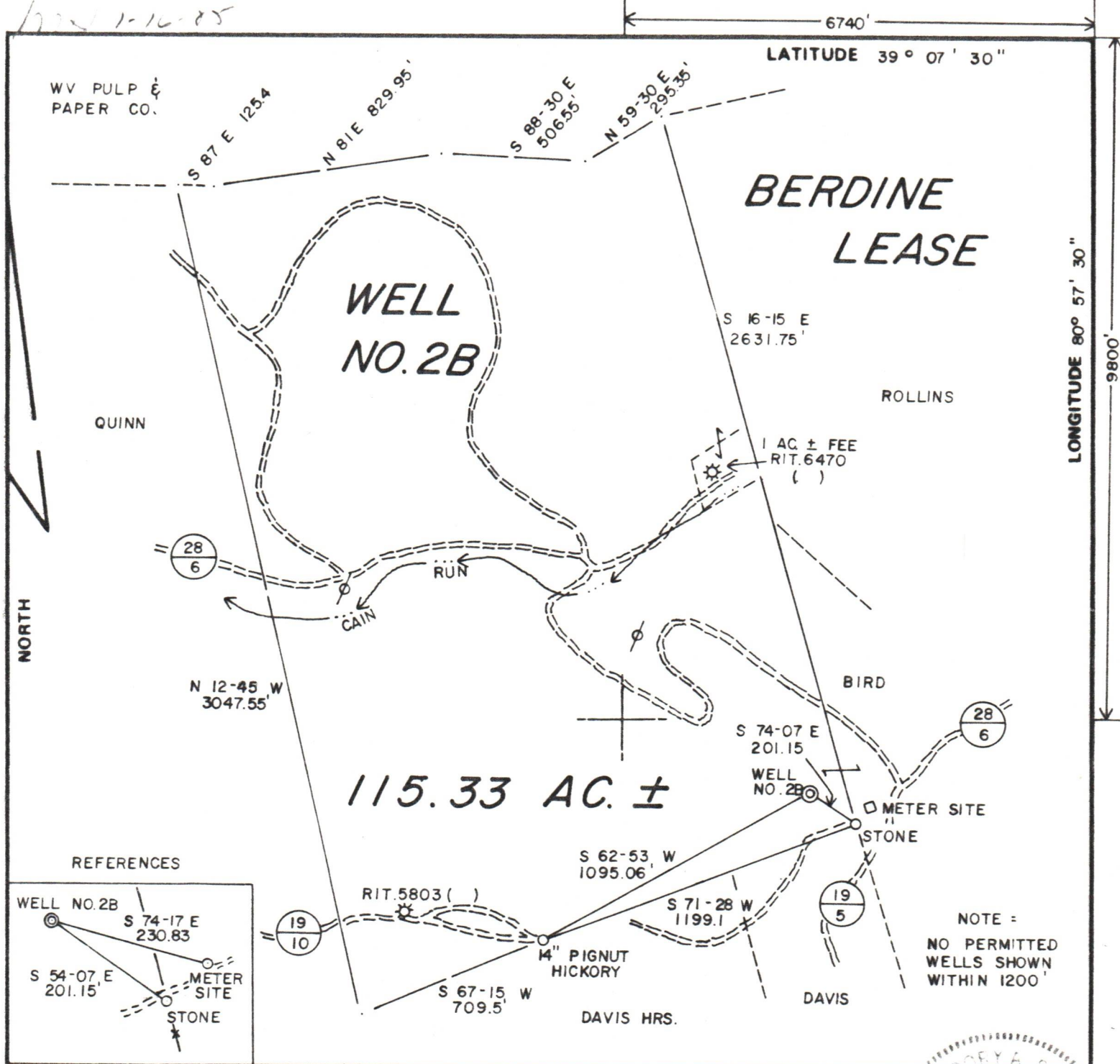
12/22/2023

Prudence Wilson
115 Acres
Murphy District
Ritchie County
West Virginia



L N. 87° W. 7.6 P

1 inch
40 Feet



NOTE :
NO PERMITTED
WELLS SHOWN
WITHIN 1200'

FILE NO. 14 - (67-69)
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF
ACCURACY 1 / 200
PROVEN SOURCE OF
ELEVATION JUNC. OF RDS.
1083'

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF MINES.
(SIGNED) Gregory A. Smith
R.P.E. _____ L.L.S. 677



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



DATE JULY 16, 1984
OPERATOR'S WELL NO. 28
API WELL NO. _____
47 - 085 - 7301
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1058' WATER SHED CAIN RUN
DISTRICT MURPHY COUNTY RITCHIE
QUADRANGLE BURNT HOUSE 7.5'
SURFACE OWNER THOMAS QUINN ACREAGE 115.33
OIL & GAS ROYALTY OWNER FRED BERDINE et. al. LEASE ACREAGE 115.33
LEASE NO. _____
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR
STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW
FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5250'
WELL OPERATOR SUBSURFACE ENERGY, INC. DESIGNATED AGENT JOHNNY MIKE
ADDRESS 1967 GLAMORGAN ST. ADDRESS RT. 3 BOX 74 C
ALLIANCE, OHIO 44601 MANNINGTON, WV 26582

12/22/2023

4762 II NE
(HARRISVILLE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

81°00'

57°30'

904

4330000m N

770 000 FEET
(SOUTH)

4329

4328

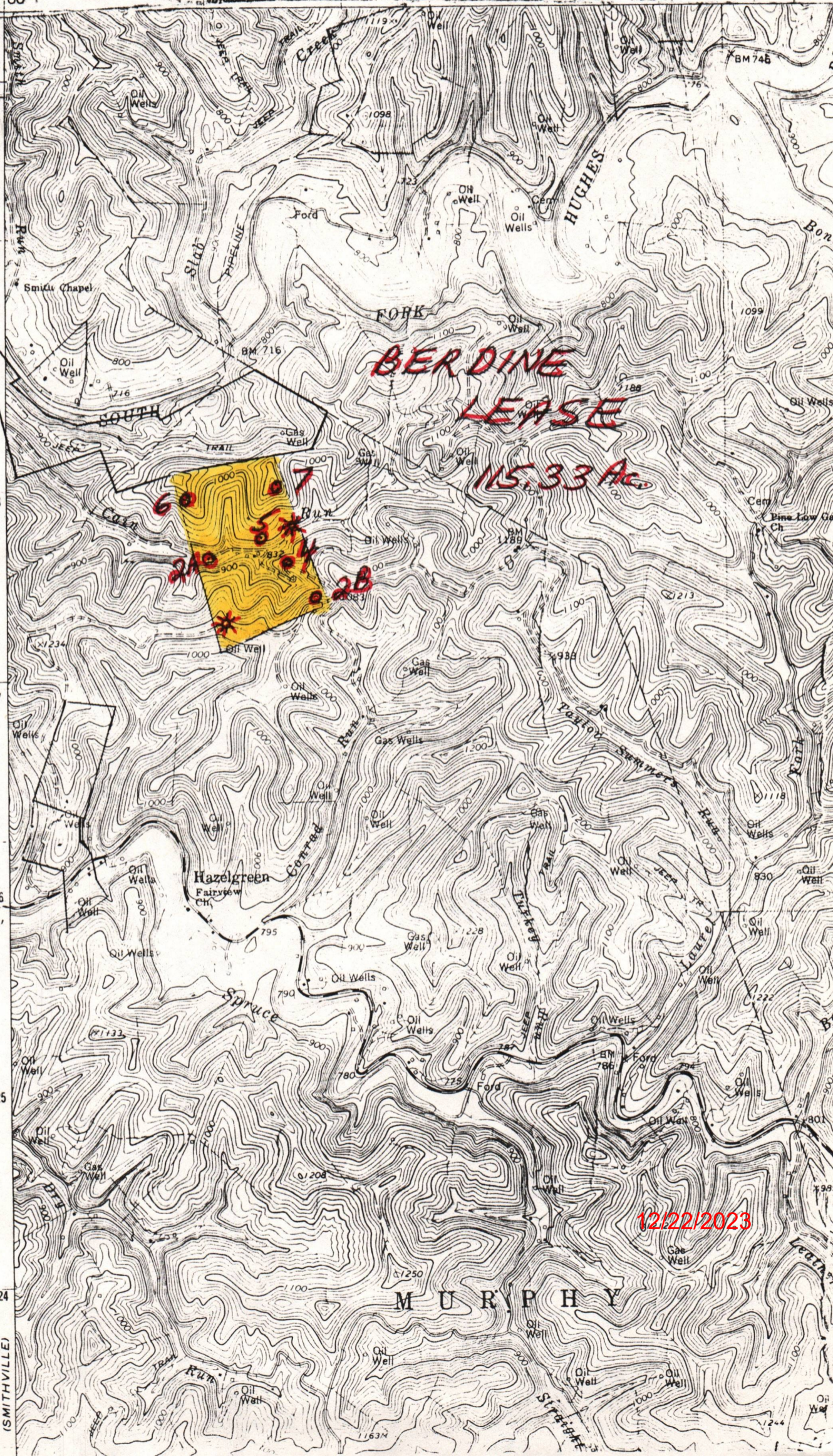
4327

4326

4325

4324

4762 II SE
(SMITHVILLE)



**BERDINE
LEASE
15.33 AC**

12/22/2023

RECEIVED

APR 30 1985

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

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-7301

Oil or Gas Well _____
(KIND)

Company <u>Subsurface Energy, Inc.</u> Address _____ Farm <u>Thomas Quinn</u> Well No. <u>2 B</u> District <u>Murphy</u> County <u>Ritchie</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 Size 16 13 10 8 1/4 6 5/8 5 3/16 3 2 Liners Used	USED IN DRILLING	LEFT IN WELL	PACKERS Kind of Packer _____ Size of _____ Depth set _____ Perf. top _____ Perf. bottom _____ 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: Visit - on complaint of land owner (Thomas Quinn) of damage to property. (accompanied by Mike Underwood)
Found reclamation crew working on location - Part of dozer work done on high wall - More trees to be cut below location so dozer operator can bring dirt back up hill - Pit water to be hauled off.

4-23-85
DATE

Samuel N. [Signature]
12/22/2023
DISTRICT WELL INSPECTOR

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

RECEIVED
APR 30 1982
OIL & GAS DIVISION
DEPT. OF MINES

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks: _____

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

DISTRICT WELL INSPECTOR
12/22/2023