



1) Date: April 16, 1984
 2) Operator's Well No. Bullington #1
 3) API Well No. 47 - 013 - 3715
 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: 1025 Watershed: Little Rowles Run
 District: Lee County: Calhoun Quadrangle: Annamoriah 7.5
- 6) WELL OPERATOR United Petro, Ltd. 7) DESIGNATED AGENT Leo Hines
 Address P. O. Box 767 Address P. O. Box 575
Spencer, WV 25276 Spencer, WV 25276
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Deo Mace Name Butler Drilling & Exploration, Inc.
 Address Rt. 1, Box 5 Address P. O. Box 176
Sandridge, WV 25274 (655-7398) Spencer, WV 25276
- 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, Berea
- 12) Estimated depth of completed well, 2500 feet
- 13) Approximate strata depths: Fresh, 150 feet; salt, 1200 feet.
- 14) Approximate coal seam depths: unknown Is coal being mined in the area? Yes / No

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 DEPT. OF MINES

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									Kinds
Fresh water	8-5/8		16	X		305' 250	305' 250	to surface	NEAT
Coal									Sizes
Intermediate									
Production	4 1/2		10.5	X		2500	2500	100 cu. ft.	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-013-3715 Date April 23, 1984

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 April 23, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <u>Lo</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>119</u>
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[Signature]
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

1) WELL LOCATION: District: _____ County: _____ Township: _____

2) WELL OPERATOR: Name: _____ Address: _____

3) DRILLING CONTRACTOR: Name: _____ Address: _____

4) PROPOSED WELL WORK: Drill depth: _____ feet

5) GEOLOGICAL TARGET FORMATION: _____

6) CASING AND TUBING PROGRAM: _____

7) APPROXIMATE COAL SEAM DEPTH: _____ feet

8) APPROXIMATE DEPTH OF COMPLETED WELL: _____ feet

9) OTHER PHYSICAL CHANGES IN WELL (Specify): _____

10) PLUG OUT OLD FORMATION / PERFORATE NEW FORMATION: _____

11) DESIGNATED AGENT: Name: _____ Address: _____

12) DESIGNATED AGENT: Name: _____ Address: _____

13) DESIGNATED AGENT: Name: _____ Address: _____

14) DESIGNATED AGENT: Name: _____ Address: _____

15) DESIGNATED AGENT: Name: _____ Address: _____

16) DESIGNATED AGENT: Name: _____ Address: _____

17) DESIGNATED AGENT: Name: _____ Address: _____

18) DESIGNATED AGENT: Name: _____ Address: _____

19) DESIGNATED AGENT: Name: _____ Address: _____

20) DESIGNATED AGENT: Name: _____ Address: _____

21) DESIGNATED AGENT: Name: _____ Address: _____

22) DESIGNATED AGENT: Name: _____ Address: _____

23) DESIGNATED AGENT: Name: _____ Address: _____

24) DESIGNATED AGENT: Name: _____ Address: _____

25) DESIGNATED AGENT: Name: _____ Address: _____

26) DESIGNATED AGENT: Name: _____ Address: _____

27) DESIGNATED AGENT: Name: _____ Address: _____

28) DESIGNATED AGENT: Name: _____ Address: _____

29) DESIGNATED AGENT: Name: _____ Address: _____

30) DESIGNATED AGENT: Name: _____ Address: _____

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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: _____

Blanket	Agent	Plant	Casing	Flow
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05/17/2024

1) Date: April 16, 19 84
2) Operator's Well No. Bullington #1
3) API Well No. 47-013-3715
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 Helen Holt Mollohan
Address 912 Sylvan Avenue
Fairmont, WV 26554

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5(i) COAL OPERATOR None
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name None
Address _____

Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name None
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.

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OIL & GAS DIVISION
DEPT. OF MINES

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.

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

William A Lamb
this 16th day of April, 1984.
My commission expires 7/29, 1987.

William A Lamb
Notary Public, Roane County,
State of West Virginia

WELL

OPERATOR United Petro, Ltd.

By William A Lamb
Its President
Address P. O. Box 767
Spencer, WV 25276
Telephone (304) 927-4126

05/17/2024



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 Name Deo Mace Name Butler Drilling & Exploration, Inc.
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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		Kinds	Sizes
Conductor										
Fresh water	<u>8-5/8</u>		<u>16</u>	<input checked="" type="checkbox"/>		<u>305' 250'</u>	<u>305' 250'</u>	<u>to surface</u>		<u>NE45</u>
Coal										
Intermediate										
Production	<u>4 1/2</u>		<u>10.5</u>	<input checked="" type="checkbox"/>		<u>2500</u>	<u>2500</u>	<u>100 cu. ft.</u>		Depths set
Tubing										
Liners										Perforations:
										Top Bottom

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The 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 the filing of the Application.

WAIVER

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

Date: _____, 19_____

By [Signature]

Its _____

05/17/2024
 Coal Owner

SURFACE OWNER'S COPY



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 DEPARTMENT OF MINES, OIL AND GAS DIVISION
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- 6) WELL OPERATOR United Petro, Ltd. 7) DESIGNATED AGENT Leo Hines
 Address P. O. Box 757 Address P. O. Box 575
Spencer, WV 25276 Spencer, WV 25276
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
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	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	<u>1-5/8</u>		<u>16</u>	<input checked="" type="checkbox"/>				<u>to surface</u>	
Coal									Sizes
Intermediate									
Production	<u>4 1/2</u>		<u>10.5</u>	<input checked="" type="checkbox"/>		<u>2500</u>	<u>2500</u>	<u>100 cu. ft.</u>	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

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 OIL & GAS DIVISION
 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.) (For execution by natural persons)

NAME: _____ Date: 4-19-84
 By _____ (Signature)
 Its _____ Date: _____
 _____ (Signature)

05/17/2024
 Surface Owner

**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.

05/17/2024
Surface Owner



IV-9
(Rev 8-81)

DATE 4/10/84
WELL NO. Bullington No 1
API NO. 47-013-3715

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME United Petro LTD DESIGNATED AGENT Leo Hines
Address Box 767 Spencer WVa Address Box 575 Spencer WVa
Telephone 927-4126 Telephone 927-3549
LANDOWNER Helen H. Mollohan SOIL CONS. DISTRICT Little Kanawha
Revegetation to be carried out by John Jr Taylor (Agent)

This plan has been reviewed by Little Kanawha SCD. All ~~modifications~~ and additions become a part of this plan: 4-12-84 (Date)
Garrett Newlon (SCD Agent)

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DEPT. OF MINE

ACCESS ROAD	LOCATION
Structure <u>Ditch</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>Upper Side of Road</u>	Material <u>Soil</u>
Page Ref. Manual <u>12-2</u>	Page Ref. Manual <u>2-12</u>
Structure <u>Culverts (12 inch or larger)</u> (B)	Structure <u>Drilling Pit</u> (2)
Spacing <u>300' (as needed)</u>	Material <u>Soil</u>
Page Ref. Manual <u>2-7</u>	Page Ref. Manual _____
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I	Treatment Area II
Lime <u>2</u> Tons/acre or correct to pH <u>6.5</u>	Lime <u>2</u> Tons/acre or correct to pH <u>6.5</u>
Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>500</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>Hay</u> <u>2</u> Tons/acre	Mulch <u>Hay</u> <u>2</u> Tons/acre
Seed* <u>Ky 31 Fescue</u> <u>40</u> lbs/acre	Seed* <u>Ky 31 Fescue</u> <u>40</u> lbs/acre
<u>Rye</u> <u>5</u> lbs/acre	<u>Rye</u> <u>5</u> lbs/acre
_____ lbs/acre	_____ lbs/acre

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

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

PLAN PREPARED BY Leo Hines 05/17/2024
ADDRESS PO Box 575
Spencer WVa 25276
PHONE NO. 927-3549

ATTACH OR PHOTOCOPY SECTION OF

INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE HAMMERSH 7.5

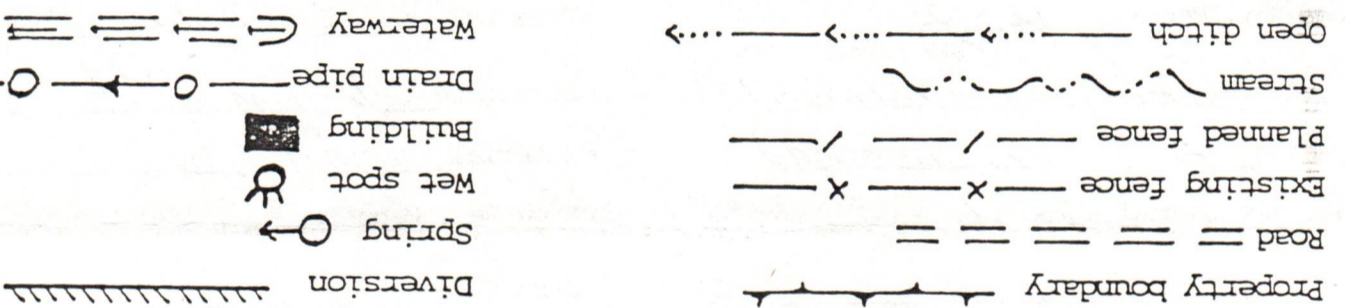
Copy of topo attached.

05/17/2024

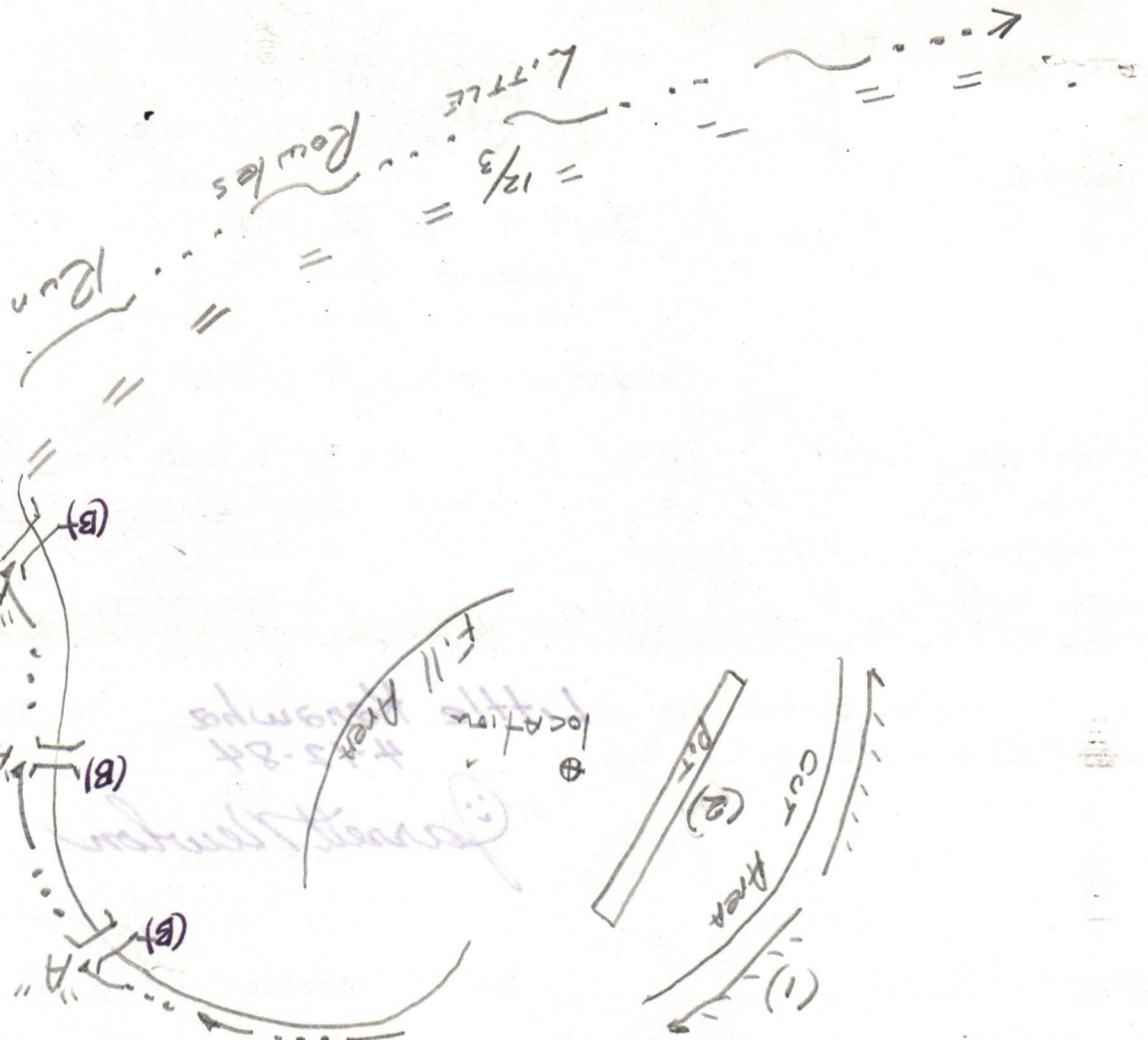
Access of Calhoun Co Rd 12/3 on waters of Little Rockies Run, onto lease Road to Burlington No 1 Road to be maintained

WELL SITE PLAN

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



LEGEND

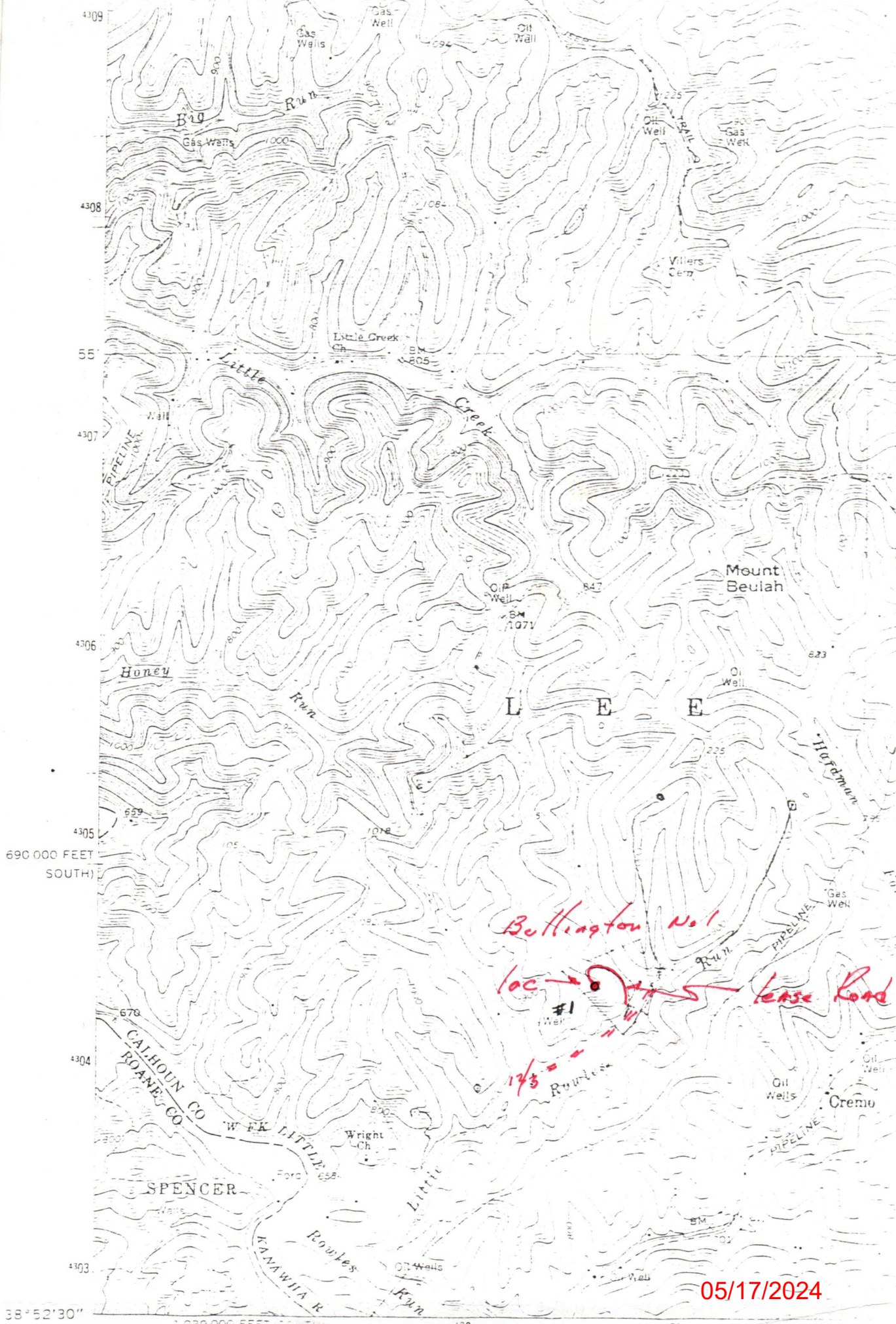


LEGEND

Well site

Access Road





4309
4308
55
4307
4306
4305
4304
4303

690 000 FEET SOUTH

38° 52' 30"

81° 15'

930 000 FEET SOUTH

80

81

05/17/2024

THIS ASSIGNMENT, Made this the 24th day of February, 1984,

by and between

FRANCIS E. CAIN, party of the first part, Assignor,

and

PETRO RESOURCES, LTD., a corporation, party of the second part, Assignee.

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OIL & GAS DIVISION
DEPT. OF MINES

W I T N E S S E T H:

That for and in consideration of One (\$1.00) Dollar and other good and valuable consideration, cash in hand paid, the receipt of which is hereby acknowledged, the said Assignor does hereby grant, convey, transfer and assign unto the said Assignee, all those certain oil and gas leases and oil and gas leasehold estates created thereby, situate in the District of Lee, County of Calhoun, State of West Virginia, and more particularly bounded and described as follows:

FIRST LEASE: All that certain parcel of land situate as aforesaid on the waters of Little Rowels Run, more particularly bounded and described as follows:

On the North by lands of William Greathouse,

On the East by lands of Mahala Vandevender,

On the South by lands of S. M. Vandevender,

On the West by lands of Pell and Haney, containing

27 acres, more or less.

BEING the same leasehold estate created by the following lease agreements.

1. Lease agreement dated May 19, 1981, recorded in the office of the Clerk of the County Commission of Calhoun County, West Virginia, in Lease Book 77, at page 119, from

05/17/2024

Richard C. Bingham, individually and Richard C. Bingham, Attorney in Fact for the C. E. Vandevender Heirs, Frances V. Bingham, Marjorie B. Nichols and Robert J. Nichols to Francis E. Cain, covering a tract of 27 acres, for a term of 3 years.

2. Lease agreement dated May 12, 1981, recorded in said Clerk's Office in Lease Book 76, at page 410, from Beatrice Bullington, widow, to Francis E. Cain, covering a tract of 27 acres, for a term of 3 years.

SECOND LEASE: All that certain parcel of land situate as aforesaid on the waters of Honey Run, more particularly bounded and described as follows:

On the North by lands of Samuel Cooper,

On the East by lands of Samuel Cooper,

On the South by lands of Ralph Cunningham,

On the West by lands of D. W. Stallman, containing 53 acres, more or less.

BEING the same leasehold estate created by the following lease agreements.

1. Lease agreement dated September 11, 1981, and recorded in said Clerk's Office in Lease Book 79, at page 38, from Bruce Cooper Estate, Ollie Cooper, widow, Ollie Cooper, individual in her own right, to Francis E. Cain, covering a tract of 53 acres, for a term of 3 years.

2. Lease agreement dated December 16, 1981, and recorded in said Clerk's Office in Lease Book 80, at page 514, from Harry Cooper and Alberta Cooper, his wife, to Francis E. Cain, covering a tract of 53 acres, for a term of 3 years.

05/17/2024

THIRD LEASE: All that certain parcel of land situate as aforesaid on the waters of Little Rowels Run, more particularly bounded and described as follows:

On the North by lands of Jonathan Mason,

On the East by lands of S. L. Sickles & Withers

& Vandevender,

On the South by lands of S. M. Vandevender,

On the West by lands of William Greathouse, containing 55 acres, more or less.

BEING the same leasehold estate created by the following lease agreements.

1. Lease agreement dated May 19, 1981, recorded in said Clerk's Office in Lease Book 77, at page 115, from Richard C. Bingham, individually and Richard C. Bingham, Attorney in Fact for the C. E. Vandevender Heirs, Frances V. Bingham, Marjorie B. Nichols and Robert J. Nichols, to Francis E. Cain, covering a tract of 55 acres, for a term of 3 years.

2. Lease agreement dated May 12, 1981, recorded in said Clerk's Office in Lease Book 76, at page 410, from Beatrice Bullington, widow, to Francis E. Cain, covering a tract of 55 acres, for a term of 3 years.

There is excepted and reserved from the above described leasehold estates, an undivided 1/16th overriding royalty of 7/8ths of all the oil and gas produced and marketed from the premises, in favor of Francis E. Cain.

There is further excepted and reserved from the above described leasehold estates, all formations 100 feet from the bottom of the Berea Sand or the horizons where the same are usually found, however, the Assignee is granted first option to obtain any assignment of the deep rights for a period of 100 days after receiving notice of any bona fide proposed transfer.

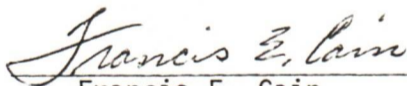
05/17/2024

In the event that the Assignor or the Assignee acquires and drills the deep rights, the other party will have the right to participate in the working interest up to 50%.

In the event that the Assignee declares any well drilled by them as a dry hole, that before plugging the same, the same shall be offered to the Assignor to take over the well to either attempt to produce the same, and in any event, to assume all further liability for plugging and upon receiving an assignment of said well to relieve the Assignee from its drilling bond and all further liability.

The parties hereto agree that one well on the 27 acres shall be considered as being fully developed and that two wells on the 55 acres and 53 acres will be considered as full development, so that failure to drill the second wells within a reasonable time will cause one-half of the acreage on each of said tracts to revert to the Assignor upon written notice to develop and comply, and failure to do so within four months will automatically cause reversion of the undeveloped portion of said acreage.

WITNESS the following signature and seal:

 _____ (SEAL)
Francis E. Cain

05/17/2024

STATE OF WEST VIRGINIA,

COUNTY OF Calhoun, to-wit:

I, Sharon Sue Williams, a Notary Public within and for said county and state, do hereby certify that FRANCIS E. CAIN, whose name is signed to the foregoing writing, bearing date the 24th day of February, 1984, has this day acknowledged the same before me in my said county.

Given under my hand the 29th day of February, 1984.

Sharon Sue Williams
Notary Public

My commission expires 12-11-89.

THIS INSTRUMENT PREPARED BY:

RICHARD H. BRUMBAUGH
Attorney at Law
212 Court Street
Spencer, WV 25276

STATE OF WEST VIRGINIA

CALHOUN COUNTY COMMISSION CLERK'S OFFICE March 5 194 10:30 M.

The foregoing Assignment together with the certificate thereto annexed, was this day admitted to record in said office.

Fee: \$5.00

RICHARD N. STALNAKER, Clerk

By Georgia Stalnaker, Deputy.

05/17/2024



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
OCT 23 1984

Oil and Gas Division
WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle Annamoriah 7.5
Permit No. 47-013-3715

Company United Petro, Ltd.
Address P. O. Box 767, Spencer, WV 25276
Farm G. V. Bullington Acres 27
Location (waters) Little Rowles Run
Well No. 1 Elev. 1025
District Lee County Calhoun
The surface of tract is owned in fee by _____
Helen Holt Mollohan
Address Fairmont, WV
Mineral rights are owned by G. V. Bullington
et. al. Address N. Palm Beach, Fla.
Drilling Commenced 4/28/84
Drilling Completed 5/10/84
Initial open flow _____ cu. ft. _____ bbls.
Final production 350M cu. ft. per day _____ bbls.
Well open 4 hrs. before test 420# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8	334	334	100 sks.
7			
5 1/2			
4 1/2	2582	2582	200 sks.
3			
2			
Liners Used			

Well treatment details:
Perforated 2500 - 2509 (10 holes)
Fractured with: 500 gal. acid; 15,000 lbs. 80/100 sand; 30,000 lbs. 20/40 sand; 550 bbl. water

Attach copy of cementing record.

Coal was encountered at None Feet _____ Inches _____
Fresh water 160 Feet _____ Salt Water 1350; 1784 Feet _____
Producing Sand Berea Depth 2500-10

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Soil			0	7		Drilled with Rotary Fluid Log Tops 1220' to TD
Shale			7	155		
Sand			155	190		
Shale, Sand, Red Rock			190	1220		
Sand			1220	1258		
Shale			1258	1326		
Sand			1326	1440		
Shale			1440	1512		
Sand w/shale			1512	1570		
Shale			1570	1760		
Sand			1760	1784		
Shale			1784	1804		
Sand			1804	1834		
Shale			1834	1854		
Sand			1854	1930		
Shale, Sandy			1930	1978		
Shale (Pencil Cave)			1978	1989		
Limestone			1989	2034		
Big Lime			2034	2122		
Big Injun			2122	2140		
Shale			2140	2486		
Coffee Shale			2486	2500		
Berea			2500	2510		
Shale			2510	2712		
				2712		Total Depth

05/17/2024

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks

05/17/2024

Date October 16

1984

APPROVED UNITED PETRO, LTD.

By William A. Gomb
(P.L.)

General

President

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

RECEIVED

MAY 8 - 1984

INSPECTOR'S WELL REPORT OIL & GAS DIVISION

Permit No. 13-3715

DEPT. OF MINES
Oil or Gas Well _____
(KIND)

Company United Petro

Address _____

Farm Bullington

Well No. 1

District See County Cal

Drilling commenced _____

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

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

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Sary Stenestad

Remarks:

336' 8 5/8" casing, Dowell, 4-30-84
Not notified

5-2-84

DATE

D. L. Mac 05/17/2024

DISTRICT WELL INSPECTOR



RECEIVED
MAR 12 1985

OIL & GAS DIVISION
DEPT. OF MINES

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
November 13, 1984

COMPANY United Petro, Ltd.
P. O. Box 767
Spencer, West Virginia 25276

PERMIT NO 013-3715
FARM & WELL NO Helen Holt Hollohan
Bullington #1
DIST. & COUNTY Lee/Calhoun

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

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

SIGNED W. S. Mace
DATE 3-6-85

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

T. L. v. B.
Administrator-Oil & Gas Division

March 13, 1985

DATE

*1.0 API well number: (If not available, leave blank. 14 digits.)	47-013-3715
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	2510 feet
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name: <u>United Petro, Ltd.</u> P.O. Box 767 Street: <u>Spencer,</u> WV 25276 City: _____ State: _____ Zip Code: _____
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Richardson Oilfield Field Name: <u>Calhoun</u> WV County: _____ State: _____
(b) For OCS wells:	Area Name: _____ Block Number: _____ Date of Lease: _____ Mo. Day Yr. OCS Lease Number: _____
(c) Name and identification number of this well: (35 letters and digits maximum.)	Bullington #1
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	_____
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	CNG Development Company Name: _____ Buyer Code: _____
(b) Date of the contract:	Contract being negotiated Mo. Day Yr.
(c) Estimated annual production:	13 MMcf.
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	Oct. 84 2.933 .411 .010 3.354
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	Oct. 84 2.933 .411 .010 3.354
9.0 Person responsible for this application:	William A. Lamb President Name: _____ Title: _____ Signature: <u>William A. Lamb</u> October 17, 1984 (304) 927-4126 Date Application is Completed Phone Number

RECEIVED

NOV - 9 1984
 OIL & GAS DIV.
 DEPT. OF MINES
 Seller Code

Agency Use Only
Date Received by Juris. Agency NOV - 9 1984
Date Received by FERC

05/17/2024

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

NOV 30 1984

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: October 17, 1984

AGENCY USE ONLY

Applicant's Name: United Petro, Ltd.

WELL DETERMINATION FILE NUMBER

Address: P.O. Box 767
Spencer, WV 25276

841109 - 103-013-3715

Gas Purchaser Contract No. Contract being negotiated

Use Above File Number on all Communications Relating to This Well

Date of Contract Contract being negotiated
(Month, day and year)

Designated Agent: Leo Hines

First Purchaser: CNG Development Company

Address: P.O. Box 575

Address: One Park Ridge Center, P.O. Box 15746
(Street or P.O. Box) Pittsburgh, PA 15244
(City) (State) (Zip Code)

Spencer, WV 25276

FERC Seller Code _____

FERC Buyer Code _____

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL BE ADDRESSED:

Name: William A. Lamb President
(Print) (Title)

Signature: *William A. Lamb*

Address: P.O. Box 767
(Street or P.O. Box) Spencer, WV 25276

Telephone: (304) 927-4126
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser) Certified Mail P 388 025 522

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

- 108 Stripper Well Natural Gas
- 108- Stripper Well
- 108-1 Seasonally Affected
- 108-2 Enhanced Recovery
- 108-3 Temporary Pressure Buildup

- 103 New Onshore Production Well
- X 103 New Onshore Production Well

- 107 High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressed Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

AGENCY USE ONLY

QUALIFIED

05/17/2024

RECEIVED

NOV - 9 1984

OIL & GAS DIV.
DEPT. OF MINES

Date Received

Determination Date

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

Date October 17, 19 84

Operator's Well No. Bullington #1

API Well No. 47 - 013 - 3715
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

DESIGNATED AGENT Leo Hines
ADDRESS P. O. Box 575
Spencer, WV 25276

WELL OPERATOR United Petro. Ltd.
ADDRESS P. O. Box 767
Spencer, WV 25276

LOCATION: Elevation 1025'
Watershed Little Rowles Run
Dist. Lee County Calhoun Quad. Annamoriah7.5

GAS PURCHASER CNG Development Company
ADDRESS P.O. Box 15746
Pittsburgh, PA 15244

Gas Purchase Contract No. Contract being negotiated
Meter Chart Code _____
Date of Contract _____

* * * * *

Date surface drilling was begun: April 28, 1984

Indicate the bottom hole pressure of the well and explain how this was calculated:

$$BHP = P_1 + P_1 (e^{GL/53.34T} - 1) \quad P_1 = 434.73$$
$$T = 545$$
$$G = .80$$
$$L = 2505$$

BHP = 466 PSIA

AFFIDAVIT

I, William A. Lamb, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

William A. Lamb

STATE OF WEST VIRGINIA,

COUNTY OF Roane, TO WIT:

I, Eileen Hines, a Notary Public in and for the state and county aforesaid, do certify that William A. Lamb, whose name is signed to the writing above, bearing date the 17th day of October, 19 84, has acknowledged the same before me, in my county aforesaid

Given under my hand and official seal this 17th day of October, 19 84.

My term of office expires on the 29th day of July, 19 87.

[NOTARIAL SEAL]

Eileen Hines
Notary Public

05/17/2024

RECEIVED

APR 17 1984

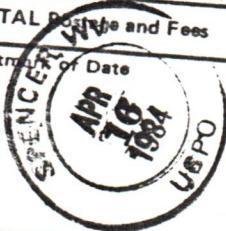
OIL & GAS DIVISION
DEPT. OF MINES

P 380 550 492

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Mrs. Helen H. Mollohan	
Street and No. 912 Sylvan Avenue	
P.O., State and ZIP Code Fairmont, WV 26554	
Postage	\$ 37
Certified Fee	75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	60
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1.72
Postmark of Date 	

PS Form 3800, Feb. 1982

05/17/2024

THIS ASSIGNMENT, Made this the 16th day of
April, 1984, by and between

PETRO RESOURCES, LTD, party of the first
part, Assignor,

and

UNITED PETRO, LTD, party of the second
part, Assignee.

W I T N E S S E T H :

That for and in consideration of One (\$1.00) Dollar,
cash in hand paid, the receipt of which is hereby acknow-
ledged, the said Assignor does hereby assign unto the said
Assignee, full operating rights for oil and gas development
and related purposes in and to that certain well site # 1
and that certain lease known as G. V. Bullington, et. al.
Lease, situate on a certain oil and gas lease and oil and gas
leasehold estate, covering a tract of land situate in the
District of Lee, County of Calhoun, and State
of West Virginia, on the waters of Little Rowles Run,
on a tract of land containing 27 acres and being the same
leasehold estate granted to Petro Resources, LTD, by _____
Francis E. Cain, by their lease agreement
dated the 24th day of February, 1984, and of record
in the Office of the Clerk of the County Commission of
Calhoun County, West Virginia, in Lease Book
87 at page 645.

It is understood and agreed that the operating and
development rights herein contained shall include the drilling
maintenance and abandoning and plugging of the oil and gas lease.

05/17/2024

IN WITNESS WHEREOF, the said PETRO RESOURCES, LTD., a corporation, has caused this assignment to be executed, acknowledged and delivered on its behalf by its duly authorized officer and its corporate seal to be affixed and attested by its secretary.

PETRO RESOURCES, LTD.

ATTEST:

BY:

ITS:

Eileen Hines
Assistant Secretary

William A. Lamb
President

STATE OF WEST VIRGINIA,

COUNTY OF Roane, to-wit:

The foregoing instrument was acknowledged before me this 16th day of April, 1984, by William A. Lamb, the President of PETRO RESOURCES, LTD., a corporation, on behalf of the corporation.

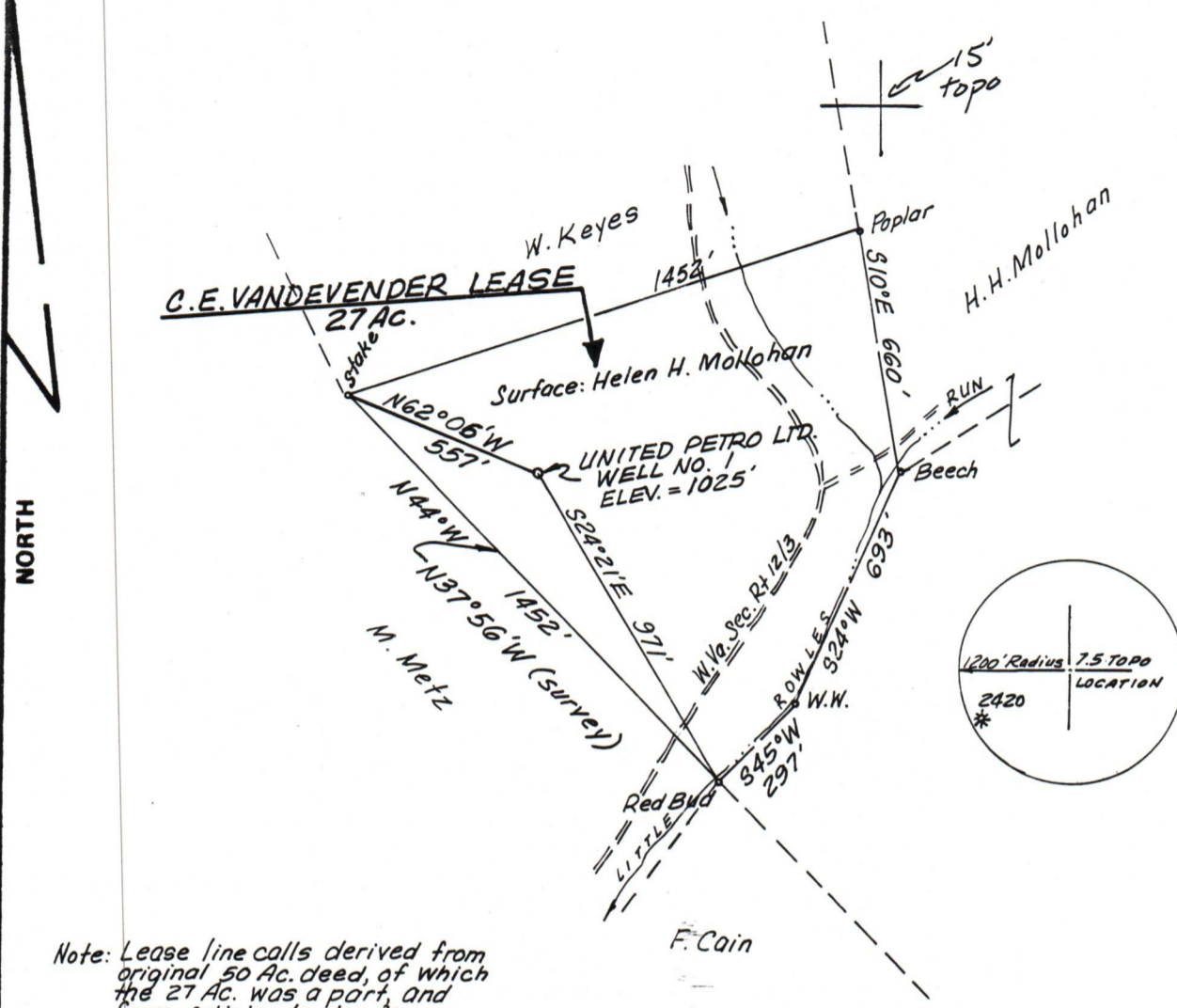
Eileen Hines
Notary Public

My commission expires: July 29, 1987

THIS INSTRUMENT PREPARED BY:

Richard H. Brumbaugh
Attorney-at-Law
212 Court Street
Spencer, WV 25276

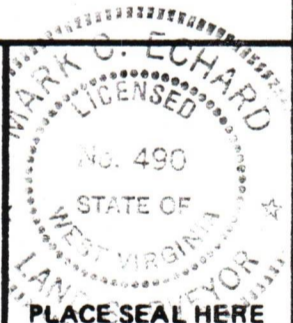
05/17/2024



Note: Lease line calls derived from original 50 Ac. deed, of which the 27 Ac. was a part, and from adjoiner's deeds.

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 3,000'± N.W. OF LOCATION, ELEV. = 1115'

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) Mark C. Echard
 MARK C. ECHARD
 R.P.E. _____ L.L.S. 490



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



DATE APRIL 9, 1984
 OPERATOR'S WELL NO. ONE
 API WELL NO. 47 - 013 - 3715
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1025' WATER SHED LITTLE ROWLES RUN
 DISTRICT LEE COUNTY CALHOUN
 QUADRANGLE ANNAMORIAH 7.5'
 SURFACE OWNER HELEN HOLT MOLLOHAN ACREAGE 27
 OIL & GAS ROYALTY OWNER G.V. BULLINGTON, ET. AL LEASE ACREAGE 27 05/17/2024
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION BEREA ESTIMATED DEPTH 2500'
 WELL OPERATOR UNITED PETRO, LTD. DESIGNATED AGENT MR. LEO HINES
 ADDRESS P.O. BOX 767 ADDRESS P.O. BOX 767
SPENCER, W.VA. 25276 SPENCER, W.VA. 25276