

RECEIVED

JAN 28 1985



1) Date: January 24, 1985

2) Operator's Well No. Everett Cain #1

3) API Well No. 47 - 013 - 3886
State County Permit

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

OIL & GAS DIV.
DEPT. OF MINES

- 4) WELL TYPE: A Oil / Gas
B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow)
- 5) LOCATION: Elevation: 855 Watershed: Little Rowles Run
District: Lee County: Calhoun Quadrangle: Annamoriah 7.5
- 6) WELL OPERATOR United Petro, Ltd. 50850 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 Unknown
Address Rt. 1, Box 5 Address _____
Sandridge, WV 25274 (655-7398)
- 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 trata depths: Fresh, 150 feet; salt, 1200 feet.
- 14) Approximate coal seam depths: unknown 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									Minds
Fresh water	8-5/8		16	X		250	250	to surface	by rule 15.05
Coal									Size
Intermediate									
Production	4 1/2		10.5	X		2500	2500	100 sks.	Depth set by rule 15.01
Tubing									Perforations:
Liners									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-013-3886

February 27, 1985
Date

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 February 27, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
165	MW	MW	MW	116

Margaret Hassel
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.

12/01/2023



OFFICE USE ONLY

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

1) Estimated depth of completed well: _____ feet

2) Approximate gas depths: Fresh _____ feet, Salt _____ feet

3) Approximate coal seam depths: _____ feet

4) CASING AND TUBING PROGRAM

5) WELL OPERATOR: _____

6) DRILLING CONTRACTOR: _____

7) DESIGNATED AGENT: _____

8) OIL & GAS INSPECTOR TO BE NOTIFIED: _____

9) LOCATION: _____

10) PROPOSED WELL WORK: _____

11) GEOLOGICAL TARGET FORMATION: _____

12) Estimated depth of completed well: _____ feet

13) Approximate gas depths: Fresh _____ feet, Salt _____ feet

14) Approximate coal seam depths: _____ feet

15) CASING AND TUBING PROGRAM

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: _____

12/01/2023



IV-9
(Rev 8-81)

RECEIVED

JAN 28 1985

OIL & GAS DIV.
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

DATE 1/3/85
WELL NO. CAIN No 1
API NO. 47-013-3886

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 DAVID Keyes SOIL CONS. DISTRICT Little Kanawha
Revegetation to be carried out by John Sr. Taylor (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 1/7/85 (Date)

Russell Wilkinson
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Ditch (A)
Spacing Upper Side Road
Page Ref. Manual 2-12
Structure Culverts 12" (B)
Spacing 800' (as needed)
Page Ref. Manual 2-7
Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure Diversion Ditch (1)
Material Soil
Page Ref. Manual 2-12
Structure Sediment Barrier (2)
Material Hay Bales
Page Ref. Manual 2-18
Structure Drilling Pit (3)
Material Soil
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

Lime 2 3 Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/acre
Seed* Ky 31 Fescue 40 lbs/acre
Rye 5 lbs/acre
_____ lbs/acre

Treatment Area II

Lime 2 3 Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch HAY 2 Tons/acre
Seed* Ky 31 Fescue 40 lbs/acre
Rye 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 Leo Hines 12/01/2023

ADDRESS Box 575
Spencer WVa 25276
PHONE NO. 927-3549

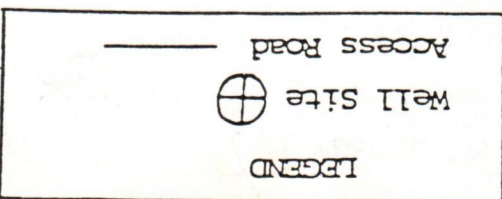
NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE ANNAMORIM 7.5

Copy of Topo Attached

Existing Road to be improved
All roads to be maintained
Slopes 2:1

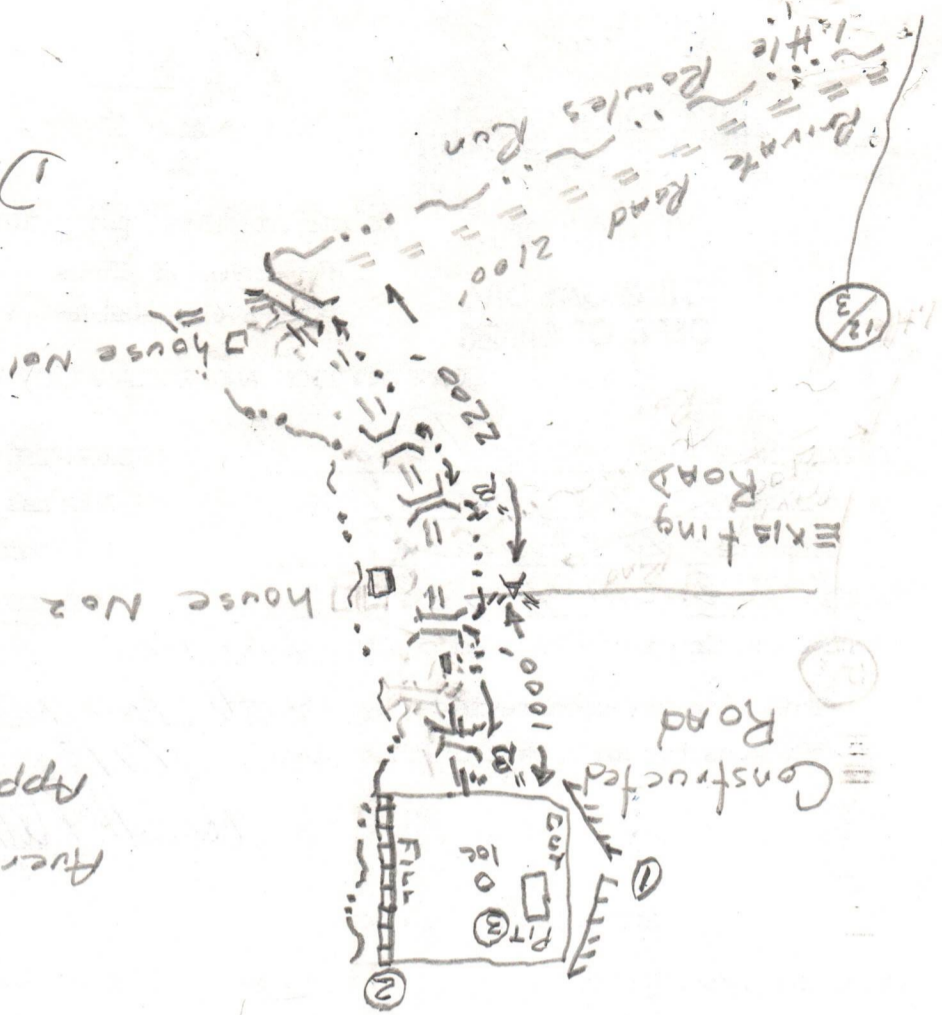
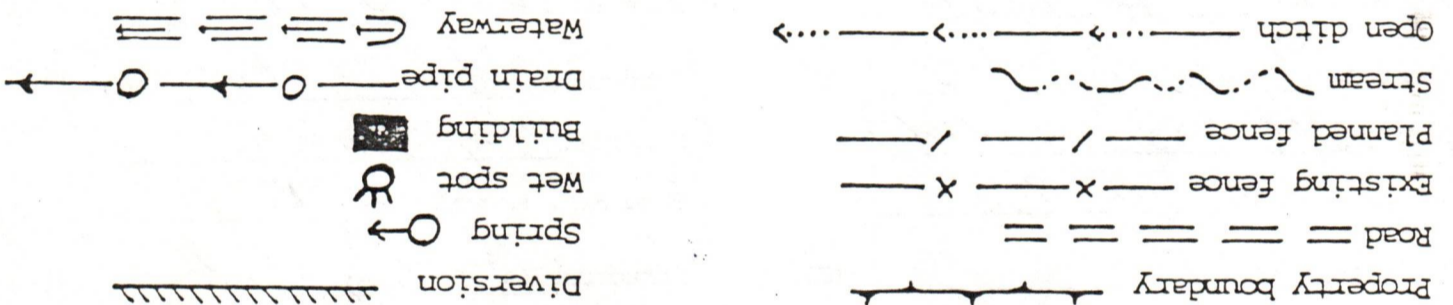
12/01/2023



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



Average grade approximately 3%

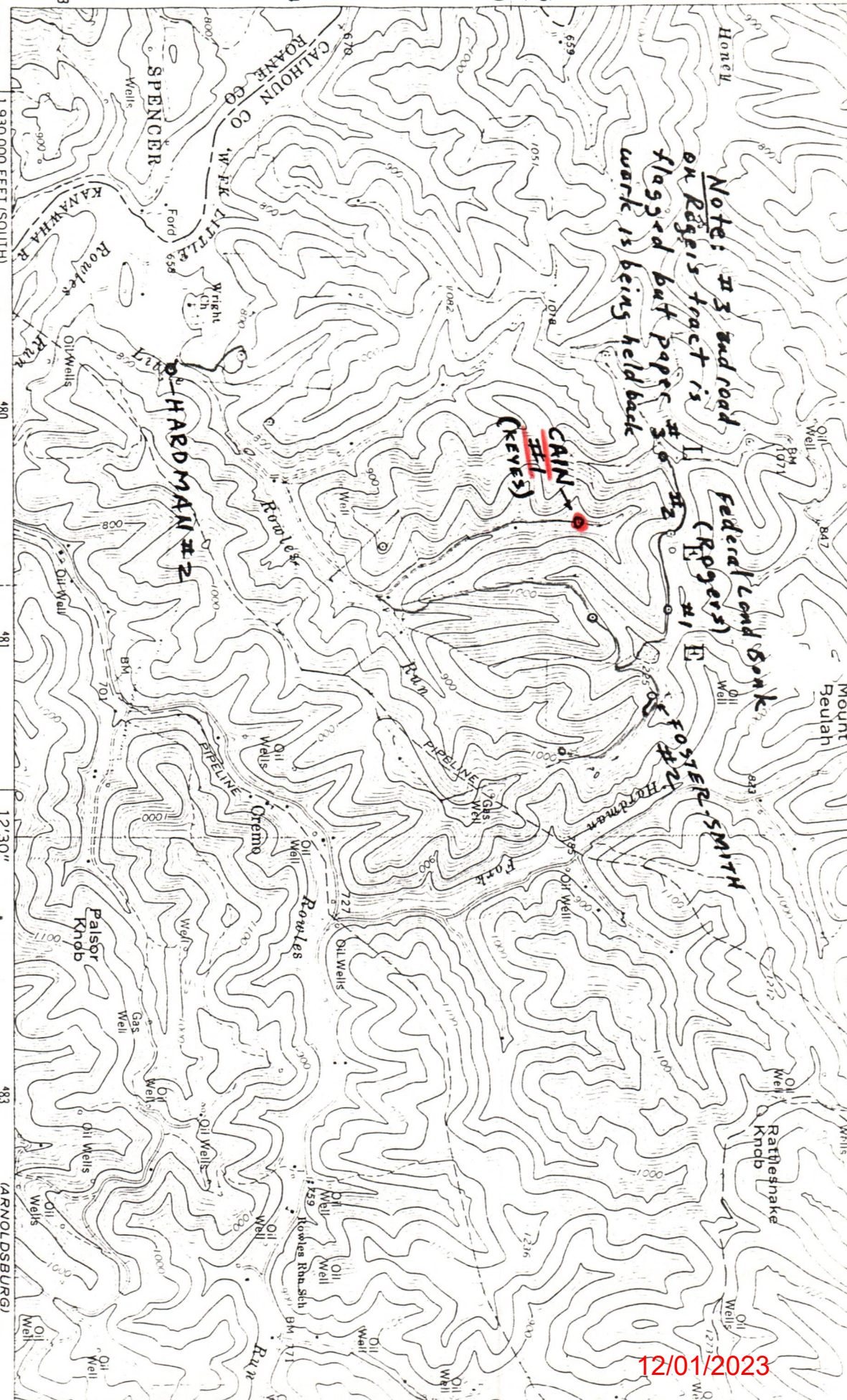
Drawing Not to Scale!

Note: #3 and road on Rogers tract is flagged but paper #3 work is being held back

~~CHAIN~~
KEYS

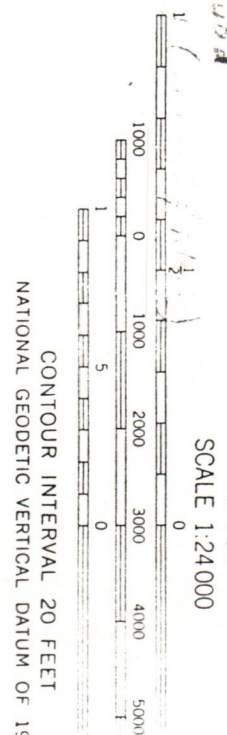
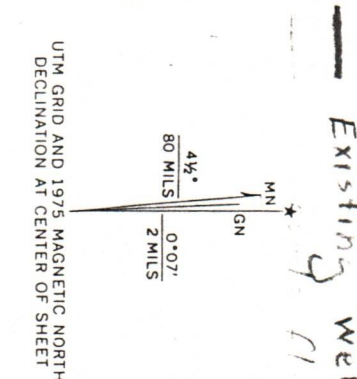
Federal Land Bank (Rogers)

FOSTER-SMITH



4306
4305
4304
4303
81° 15' 52.30" (SOUTH)
1 930 000 FEET (SOUTH)

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial photographs taken 1963. Field checked 1966
Polyconic projection. 1927 North American datum
10,000-foot grids based on West Virginia coordinate system, south and north zones
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue



12/01/2023

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTO

THIS ASSIGNMENT, Made this the 24th day of
January, 1985, 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 Everett Cain
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 106 acres and being the same
leasehold estate granted to Petro Resources, LTD, by _____
Francis E. Cain, by their lease agreement
dated the 16th day of January, 1985, and of record
in the Office of the Clerk of the County Commission of
Calhoun County, West Virginia, in Lease Book
91 at page 228.

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.

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JAN 28 1985
OIL & GAS DIV.
DEPT. OF MINES

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:
E. Hines
Secretary

BY: *William A. Lamb*
ITS: President

Asst.

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

The foregoing instrument was acknowledged before me this 24th day of January, 1985, by William A. Lamb, the President of PETRO RESOURCES, LTD., a corporation, on behalf of the corporation.

E. 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

12/01/2023

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:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
<i>Everett Cain, et al</i>	<i>Frances E. Cain</i>	<i>1/8</i>	<i>88-53</i>
<i>Frances E. Cain</i>	<i>Petro Resources, Ltd.</i>		<i>91-228</i>
<i>Petro Resources, Ltd.</i>	<i>United Petro, Ltd. assignment attached</i>		

1) Date: January 24, 1985
 2) Operator's
 Well No. Everett Cain #1
 3) API Well No. 47-013-3886
 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 William David and Mattie Metz Keyes
 Address P. O. Box 247
Summersville, WV 26651
 (ii) Name _____
 Address _____
 (iii) Name _____
 Address _____

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

LESSEE WITH DECLARATION ON RECORD:
 Name None
 Address _____

388 025 530
 RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

TO THE PERSON(S)	Sent to <u>W. D. and M. M. Keyes</u>
(1) The Applicant to be and de cement	Street and No. <u>P. O. Box 247</u>
(2) The plat	P.O., State and ZIP Code <u>Summersville, WV 26651</u>
(3) The Certificate plug a reclam	Postage \$ <u>71</u>
THE REASON WHICH ARE SUMMARY (FORM IV-2(B)) OF ACTION AT ALL.	Certified Fee <u>75</u>
Take notice erator proposes for a Well Work Department of Mines and depicted on Construction and by hand to the person before the day of	Special Delivery Fee
6) EXTRACTION RIGHTS	Restricted Delivery Fee
Check and provide <input checked="" type="checkbox"/> Included is I hold the require	Return Receipt Showing to whom and Date Delivered <u>60</u>
7) ROYALTY PROVISIONS	Return Receipt Showing to whom, Date, and Address of Delivery
Is the right to or other contract for compensation to the volume of oil or gas so extracted, produced or marketed? Yes <u>No</u>	TOTAL Postage and Fees \$ <u>206</u>

and the following documents:
 (or Form IV-4 if the well is the drilling or other work, the proposed casing and Form IV-6; and unless the well work is only sediment control and for

RIGHTS REGARDING THE APPLICATION THE COPY OF THE APPLICATION IS REQUIRED TO TAKE ANY

the undersigned well operator and accompanying documents and Gas, West Virginia filed on attached Application application, the plat, and the or certified mail or delivered in circumstances) on or

or contracts by which reverse side for specifics.)

upon a lease or leases or any similar provision or gas in place which is not inherently related

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.

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 OIL & GAS DIV.
 DEPT. OF MINES

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 24 day of January, 1985. My commission expires 7/29, 1987.
Eileen Harris
 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

12/01/2023



IV-35
(Rev 8-81)

RECEIVED
MAY 20 1985

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

State of West Virginia
Department of Mines
Oil and Gas Division

Date May 17, 1985
Operator's Well No. Cain #1
Farm Everett Cain
API No. 47- 013 - 3886

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production X / Underground Storage ___ / Deep ___ / Shallow X /)

LOCATION: Elevation: 865KB Watershed Little Rowles Run
District: Lee County Calhoun Quadrangle Annamoriah 7.5

COMPANY United Petro, Ltd.
ADDRESS P. O. Box 687, Spencer, WV 25276
DESIGNATED AGENT Leo Hines
ADDRESS P. O. Box 575, Spencer, WV 25276
SURFACE OWNER David Keyes
ADDRESS Summersville, WV
MINERAL RIGHTS OWNER Everett Cain et. al.
ADDRESS Big Bend, WV
OIL AND GAS INSPECTOR FOR THIS WORK
Deo Mace ADDRESS Sand Ridge, WV
PERMIT ISSUED 2/27/85
DRILLING COMMENCED 3/8/85
DRILLING COMPLETED 4/13/85
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	258	258	100 sks.
7			
5 1/2			
4 1/2	2363	2363	200 sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Berea Depth 2312 feet
Depth of completed well 2398 feet Rotary X / Cable Tools _____
Water strata depth: Fresh 80 feet; Salt 1140 feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Berea Pay zone depth 2314-22 feet
Gas: Initial open flow N/A Mcf/d Oil: Initial open flow N/A Bbl/d
Final open flow 681 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 500 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--) (Production co-mingled)
Second producing formation Big Lime Pay zone depth 1918-26 feet
Gas: Initial open flow N/A Mcf/d Oil: Initial open flow N/A Bbl/d
Final open flow N/A Mcf/d Oil: Final open flow N/A Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

CAL 3886

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

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 DEPT. OF MINES
 OIL & GAS DIVISION

Perforated: Berea 2312-22 (10 holes)

Fractured with: 250 gal. acid, 10,000 lbs. 80/100 sand, 30,000 lbs. 20/40 sand,
200 bbl. water, 491,000 SCF Nitrogen

Perforated: Big Lime 1918-26 (10 holes)

Fractured with: 1000 gal. acid, 10,000 lbs. 80/100 sand, 30,000 lbs. 20/40 sand,
512 bbl. water, 156,000 SCF Nitrogen

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Soil			0	8	Drilled with Rotary Fluid
Shale			8	35	Log Tops from 1000 to TD
Sand			35	50	
Shale			50	75	
Shale, Red Rock, Sand			75	1000	
Shale, Sandy			1000	1138	
Sand			1138	1262	
Shale			1262	1330	
Sand			1330	1372	
Shale			1372	1504	
Sand			1504	1606	
Shale			1606	1640	
Sand			1640	1680	
Shale			1680	1702	
Sand			1702	1762	
Little Lime			1762	1790	
Pencil Cave			1790	1800	
Big Lime			1800	1936	
Big Injun			1936	1944	
Shale			1944	2298	
Coffee Shale			2298	2312	
Berea			2312	2324	
Shale			2324	2398	
				2398	Total Depth

(Attach separate sheets as necessary)

UNITED PETRO, LTD.

Well Operator
 By: William A. Lamb 12/01/2023
 Date: May 17, 1985

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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

RECEIVED
MAR 12 1985

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

Permit No. 13-3886

Oil or Gas Well _____
(KIND)

Company <u>United Petro</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Cain</u>	16			Kind of Packer _____
Well No. <u>1</u>	13			Size of _____
District <u>Lee</u> County <u>Cal.</u>	10			Depth set _____
Drilling commenced <u>3-8-85</u>	8 3/4			Perf. top _____
Drilling completed _____ Total depth _____	6 3/8			Perf. bottom _____
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Liners Used _____
Volume _____ Cu. Ft.				
Rock pressure _____ lbs. _____ hrs.				CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
Oil _____ bbls., 1st 24 hrs.				NAME OF SERVICE COMPANY _____
Fresh water <u>46</u> feet _____ feet				COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
Salt water _____ feet _____ feet				_____ FEET _____ INCHES _____ FEET _____ INCHES
				_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names C. Moore 1

Remarks:
258' of 8 7/8" casing, 80 SKS cement, B. J. Hughes 3-8-85. cement did not return, 25 SKS pumped down outside of casing.

3-8-85

DATE

W. Moore 12/01/2023

DISTRICT WELL INSPECTOR

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

RECEIVED
ENERGY

INSPECTOR'S WELL REPORT

APR 23 1986

Permit No. 13-3886

(12-27-85)

Oil or Gas Well _____
(KIND)

Company <u>United Petro</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Cain</u>	16			Kind of Packer _____
Well No. <u>1</u>	13			
District <u>Lee</u> County <u>Cal.</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ 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:
Release Reclamation.

4-19-86

DATE

W. Mace

12/01/2023
DISTRICT WELL INSPECTOR

JUN 14 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: May 17, 19 85

Applicant's Name: United Petro, Ltd. **50850**

Address: P. O. Box 687
Spencer, WV 25276

Gas Purchaser Contract No. GMA 3-035

Date of Contract Oct. 10, 1984
(Month, day and year)

First Purchaser: CNG Development Co. **P 634**

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

FERC Seller Code

AGENCY USE ONLY

WELL DETERMINATION FILE NUMBER

850521 -1030-013-3886

Use Above File Number on all
Communications Relating to This Well

Designated Agent: Leo Hines

Address: P. O. Box 575
Spencer, WV 25276

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 687
(Street or P.O. Box)
Spencer WV 25276
(City) (State) (Zip Code)
Telephone: (304) 927-4126
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser) *Certified mail # P 388 025 542*

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

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

AGENCY USE ONLY

QUALIFIED 12/01/2023

RECEIVED

MAY 21 1985

OIL & GAS DIV.
DEPT. OF MINES

Date Received

Determination Date

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

Operator's Well No. Cain #1
API Well No. 47 - 013 - 3886
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

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

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

GAS PURCHASER CNG Development Co.
ADDRESS One Park Ridge Center; P. O. Box
15746
Pittsburgh, PA 15244

LOCATION: Elevation 855'
Watershed Little Rowles Run
Dist. Lee County Calhoun Quad Annamoriah
Gas Purchase Contract No. GMA3-035
Meter Chart Code L686
Date of Contract Oct. 10, 1984

* * * * *

Date surface drilling was begun: 3/8/85

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

$$BHP = P_1 + P_1 e^{(GL/53.34T_{-1})}$$

$P_1 = 514.73$
 $T = 541$
 $G = .70$
 $L = 2120$

BHP = 542

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 May, 1985, has acknowledged the same before me, in my county aforesaid

Given under my hand and official seal this 17th day of May, 1985.

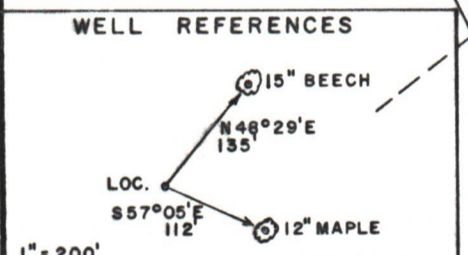
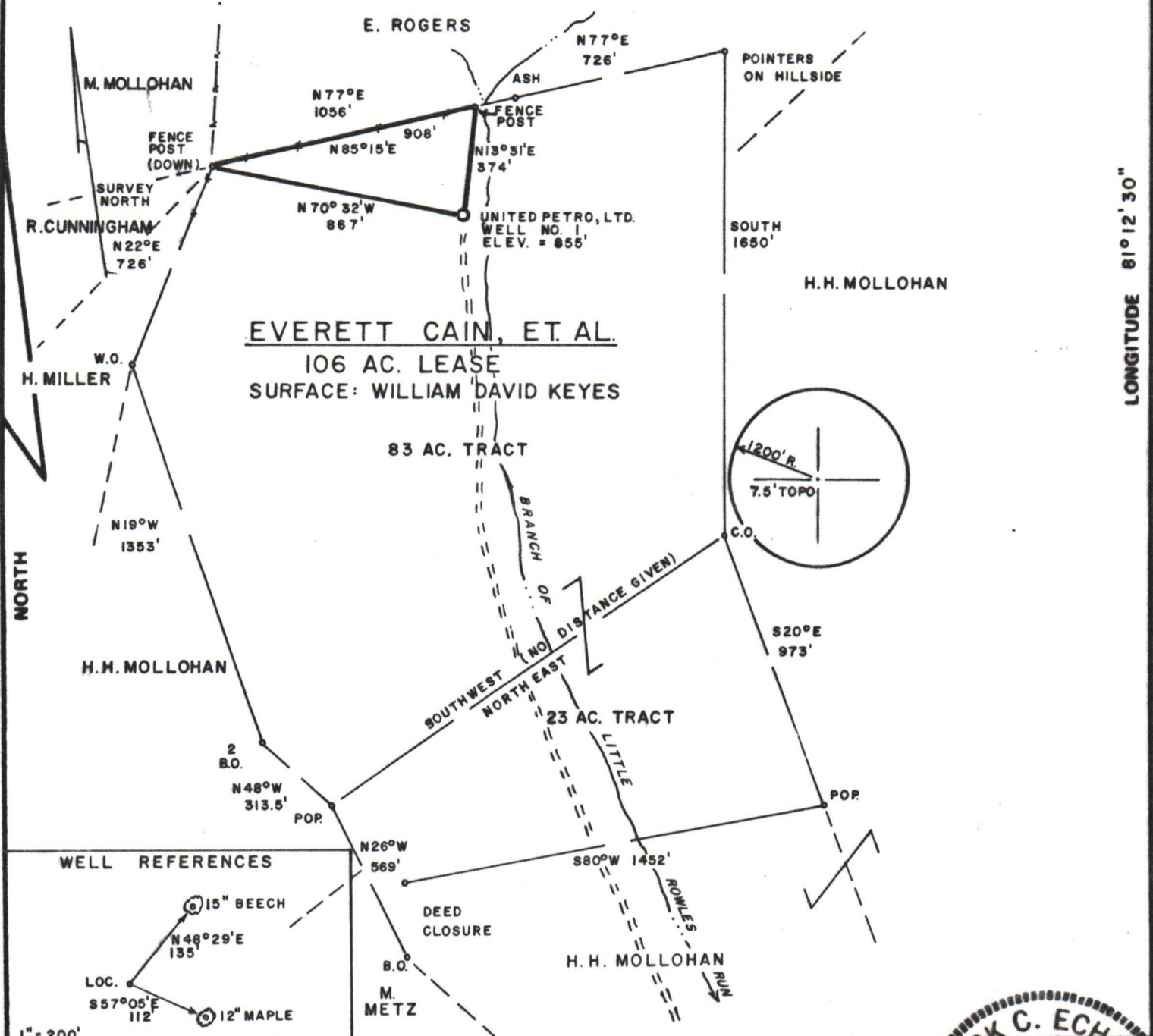
My term of office expires on the 29th day of July, 1987.

[NOTARIAL SEAL]

Eileen Hines
Notary Public

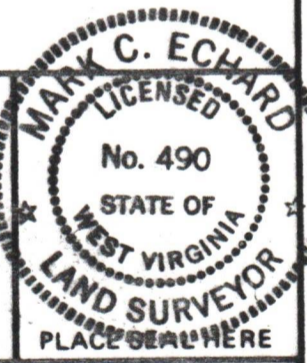


12/01/2023



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 2100' ± N.E. OF LOCATION, ELEV. = 1225'

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.
Mark C. Echard
 (SIGNED) 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 NOVEMBER 2, 1984
 OPERATOR'S WELL NO. ONE
 API WELL NO. 47-013-3886
 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 855' WATER SHED BRANCH OF LITTLE ROWLES RUN
 DISTRICT LEE COUNTY CALHOUN
 QUADRANGLE ANNAMORIAH 7.5'
 SURFACE OWNER WILLIAM DAVID KEYES ACREAGE 106
 OIL & GAS ROYALTY OWNER EVERETT CAIN, ET AL. LEASE ACREAGE 106
 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, WV 25276 SPENCER, WV 25276

12/01/2023