

OK

OIL GAS WELL
7-8
SUMMARY REPORT

API No. 45-105-20345-00-03 VDMR Well Rep. No. _____

DMQ File No. LE-50

Operator ROWLETT AND ADKINSON OIL COMPANY

Farm ROWLETT

Co. Well No. #1

County LEE Quadrangle EWING - 7 1/2'

Location (UTM) N4,057,160; E286,260 UTM Zone 17

(Lat. and Long.) _____

Field ROSE HILL Province VALLEY AND RIDGE

Elev. (specify) 1625' GR TD 2540 Form. at TD TRENTON

Age ORDOVICIAN

Date compl. or abandoned FEBRUARY 9, 1980

Result OIL WELL

Gas Shows _____

Gas Pays _____

Main Production _____ Prod. Form. CLINCH SANDSTONE

Age ORDOVICIAN

Treatment: NONE

Initial Production SHOW

SETTLED PRODUCTION - 1 BARREL PER DAY

Oil shows _____

Water FW YES at 340' at 500' at _____

SW _____ at _____ at _____ at _____

Coal _____

Plat X Plotted X Completion Report X

Drillers Log X Geologic Log _____

Samples _____ Interval Sheet _____

Sample Interval _____

Remarks _____

Geophysical Logs S.P. _____ Res _____ Gamma _____ Neutron _____

Density _____ Sonic _____ Other _____

Stratigraphic Data Source CURTIN ROWLETT AND JEWELL ADKINSON

<u>Formation</u>	<u>Top</u>	<u>Datum (Subsea)</u>	<u>Thickness</u>
<u>NO SAMPLES</u>	<u>0</u>	<u>+1625</u>	<u>100</u>
<u>OVERTHRUST</u>	<u>100</u>	<u>+1525</u>	<u>400</u>
<u>SHALE</u>	<u>500</u>	<u>+1125</u>	<u>100</u>
<u>CLINCH</u>	<u>600</u>	<u>+1025</u>	<u>600</u>
<u>REEDSVILLE</u>	<u>1200</u>	<u>+ 425</u>	<u>695</u>
<u>TRENTON</u>	<u>1895</u>	<u>- 270</u>	<u>645</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Remarks _____

References _____

Released to Open File: Completion MAY 10, 1980
 Samples NO

(Note: UTM measurements in meters, all others in feet)

OIL AND GAS WELL SUMMARY REPORT

API No.: 45-105-20345-00-03

VDMR Well Rep. No.

Div. Gas & Oil File No.: LE-50

Operator: ROWLETT AND ADKINSON OIL COMPANY

Farm: ROWLETT

County: LEE

Co. Well No.: #1

Quadrangle: EWING - 7-1/2'

Location (UTM): N 4,057,160; E 286,260 UTM Zone: 17

Field: ROSE HILL Province: VALLEY AND RIDGE

Elev. (specify): 1625' GR TD: 2540 Formation at TD: TRENTON

Initial Gas Flow Age: ORDOVICIAN

Date compl. or abandoned: FEBRUARY 9, 1980

Result: OIL WELL

Gas Shows

Gas Pays

Main Production

Producing Formation: CLINCH SANDSTONE

Final Gas Flow

Age: ORDOVICIAN

Treatment: NONE

Initial Oil Production: SHOW

Settled Production: 1 BARREL PER DAY

Final Production:

Oil Shows

Water	FW: YES	at: 340'	at: 500'	at
	SW:	at:	at	at

Coal

Plat: X

Plotted: X

Completion Report: X

Drillers Log: X

Geologic Log

Samples

Interval Sheet

Sample Interval

Geophysical Logs

S.P.

Res

Gamma:

Neutron

Density

Sonic

Other:

Stratigraphic Data Source: CURTIN ROWLETT AND JEWELL ADKINSON

<u>Formation</u>	<u>Top</u>	<u>Datum (Subsea)</u>	<u>Thickness</u>
NO SAMPLES	0	+1625	100
OVERTHRUST	100	+1525	400
SHALE	500	+1125	100
CLINCH	600	+1025	600
REEDSVILLE	1200	+ 425	695
TRENTON	1895	- 270	645

Remarks:

References:

Released to Open File: Completion: MAY 10, 1980
Samples: NO

(Note: UTM measurements in meters, all others in feet)

OIL AND GAS WELL
SUMMARY REPORT

API No. 45-105-20345-00-03 VDMR Well Rep. No. _____
DMQ File No. LE-50

Operator ROWLETT AND ADKINSON OIL COMPANY

Farm ROWLETT

Co. Well No. #1

County LEE Quadrangle EWING 7½'

Location (UTM) N4,057,160; E286,260 UTM Zone 17

(Lat. and Long.) _____

Field ROSE HILL Province VALLEY AND RIDGE

Elev. (specify) 1625' GR. TD 2540 Form. at TD TRENTON

Age ORDOVICIAN

Date compl. or abandoned FEBRUARY 9, 1980

Result OIL WELL

Gas Shows _____

Gas Pays _____

Main Production _____ Prod. Form. CLINCH SANDSTONE

Age ORDOVICIAN

Treatment: NONE

Initial Production SHOW

~~SETTLED PRODUCTION - 1 BARREL PER DAY~~

Oil shows _____

Water FW YES at 340' at 500' at _____

SW _____ at _____ at _____ at _____

Coal _____

Plat x Plotted x Completion Report x

Drillers Log x Geologic Log _____

Samples _____ Interval Sheet _____

Sample Interval _____

Remarks _____

Geophysical Logs S.P. _____ Res _____ Gamma _____ Neutron _____

Density _____ Sonic _____ Other _____

Stratigraphic Data Source

CURTIS ROWLETT AND JEWELL ADKINSON

Formation.	Top	Datum (Subsea)	Thickness
NO SAMPLES	0	+1625	100
OVERTHRUST	100	+1525	400
SHALE	500	+1125	100
CLINCH	600	+1025	600
REEDSVILLE	1200	+ 425	695
TRENTON	1895	- 270	645

Remarks

References

Released to Open File: Completion MAY 10, 1980

Samplou NO

(Note: UTM measurements in meters, all others in feet)

API WELL NO. Lee - 345
State _____ County _____ Permit _____

Date: 2-5-88
Operator's Well Name: Curtis Rowlett

ROWLETT AND ADKINSON OIL CO.
ROWLETT

VIRGINIA OIL AND GAS INSPECTOR
205 W. MAIN STREET
ABINGDON, VA 24210
703-628-8115

#1
SUR. EL. - 1625' GR.
LE-50
EWING - 7 1/2'

REPORT OF COMPLETION OF WELL WORK

Pursuant to Regulation 4.06 of the Regulations under the Virginia Oil and Gas Act, the undersigned well operator reports completion of the type(s) of well work specified below on the referenced well in 9th District, Lee County, Virginia on _____ day, Feb month, 19 80.

WELL TYPE: Oil / Gas _____ / Enhanced recovery _____ / Waste Disposal _____ / If "Gas", Production _____ / Underground Storage _____
Exempt by Code Section 45.1-300.B.1. from general oil and gas conservation law: yes _____ / no _____
WELL WORK: Drill / Deepen _____ / Redrill _____ / Stimulate _____ / Plug off old formation _____ / Perforate new formation _____ / Plug / Replug _____ / Other physical change in well (specify _____)

The well work was done as shown in the Appendix(es) applicable to the type(s) of well work involved.

CONFIDENTIALITY STATUS UNDER CODE OF VIRGINIA SECTION 45.1-332.

- _____ Ninety days from the filing of this report OR
- _____ Two years from _____, 19____, the date on which the referenced well was COMPLETED, the well being an exploratory well as defined in Code of Virginia Section 45.1-288.21.

APPLICANT: Curtis Rowlett
BY: Gene
ITS _____
ADDRESS: Ewing VA
TELEPHONE _____

Form 16
Appendix A, Sheet 1 (Reverse)
Continued from Obverse side

OTHER GENERAL INFORMATION

An electric log survey was ___/ was not / conducted pursuant to Code of Virginia Section 45.1-333.B.2, at the coal owner's or operator's request.

An electric log survey was ___/ was not / run for other purposes. This survey did ___/ did not / disclose the vertical location of a coal seam.

Note: If a coal seam was located, the part of the survey from the surface through the coal is attached in accordance with Code of Virginia Section 45.1-333.B.3.

Deviation surveys were ___/ were not / required under Code of Virginia Section 45.1-333.C "to the bottom of the lowest published coal seam depth."

Note: If deviation surveys were required, the survey results are attached.

A continuous survey was ___/ was not / required under Code of Virginia Section 45.1-333.C.

Note: If a continuous directional survey was required, the survey results are attached.

CHANGES IN THE PERMITTED WELL WORK

The well operator did ___/ did not / make any change(s) in the permitted well work, verbally approved by the Inspector or Assistant Inspector under Regulation 4.03 of the Regulations under the Virginia Oil and Gas Act, for the purpose of insuring successful completion of the well work.

Note: The nature and purpose of each such change, if any, is set out below or on additional sheets if such are required.

CASING AND TUBING PROGRAM

PRELIMINARY INFORMATION

Is the subject well underlaid by the red shales? Yes ___ / No /
If Yes, was a coal protection string set to the red shales? Yes ___ / No ___

SIZE	TOP	BOTTOM	LENGTH	PERFORATION:	
				FROM	TO

CONDUCTOR:

CASING CIRCULATED AND CEMENTED IN TO SURFACE:

4" 500' 475'

COAL PROTECTION CASING SET UNDER SPECIAL RULE OF CODE OF VIRGINIA 45.1-334.B:

OTHER CASING AND TUBING LEFT IN WELL;

25' surface pipe 12" pipe

LINERS LEFT IN WELL UNDER CODE OF VIRGINIA SECTION 45.1-336 OR OTHERWISE:

PACKERS OR BRIDGE PLUGS:

<u>KIND</u>	<u>SIZE</u>	<u>SET AT</u>
0	0	0

REMARKS: SHUT DOWN DEPTHS, DATES; FISHING JOB DEPTHS, DATES; CAVING; ETC.)

2540 Feb. 1980 " " "

SAMPLES AND CUTTINGS(?)

WILL ___ WILL NOT BE AVAILABLE FOR EXAMINATION BY A MEMBER OF THE VIRGINIA DIVISION OF MINERAL RESOURCES

WILL ___ WILL NOT ___ BE FURNISHED THE VIRGINIA DIVISION OF MINERAL RESOURCES UPON REQUEST

WILL ___ WILL NOT ___ REQUIRE SACKS TO BE FURNISHED BY THE VIRGINIA DIVISION OF MINERAL RESOURCES.

DRILLER'S LOG ✓

Compiled by Quintus Rowlett & Jewell Adkins

Geolo- gical Age	Formation	General Lithology	Color	Depth (feet)		Thickness	Remark
				Top	Bottom		
	Overthrust			100	500		
	Chert Shale			500	600		
	Chinch Sand			600	1200		
	Reidsville			1200	1895		
	Jrenton			1895	2540		

Complete on supplemental sheet as necessary

APPENDIX TO REPORT OF COMPLETION OF WELL WORK
ON A WELL DRILLED IN SEARCH OF OIL OR GAS

DISCOVERY OF OIL OR INDICATIONS THEREOF

Indicated potential flow before stimulation None BOD
Gravity and grade: _____

DISCOVERY OF GAS OR INDICATIONS THEREOF

Indicated potential flow before stimulation _____ MCFD
Rock pressure: _____ psig _____ hour test

RECORD OF STIMULATION

Full description of stimulation: None
Zone 1: _____ Formation

Perforated _____ # Perfs. _____ Perf. Size _____
Breakdown _____ psig. Avg. Injection _____ psig.
Avg. I.R. _____ BPM Init. S.I.P. _____ psig 15 Min. S.I.P. _____ psig

Zone 2: _____ Formation

Perforated _____ # Perfs. _____ Perf. Size _____
Breakdown _____ psig. Avg. Injection _____ psig.
Avg. I.R. _____ BPM Init. S.I.P. _____ psig 15 Min. S.I.P. _____ psig

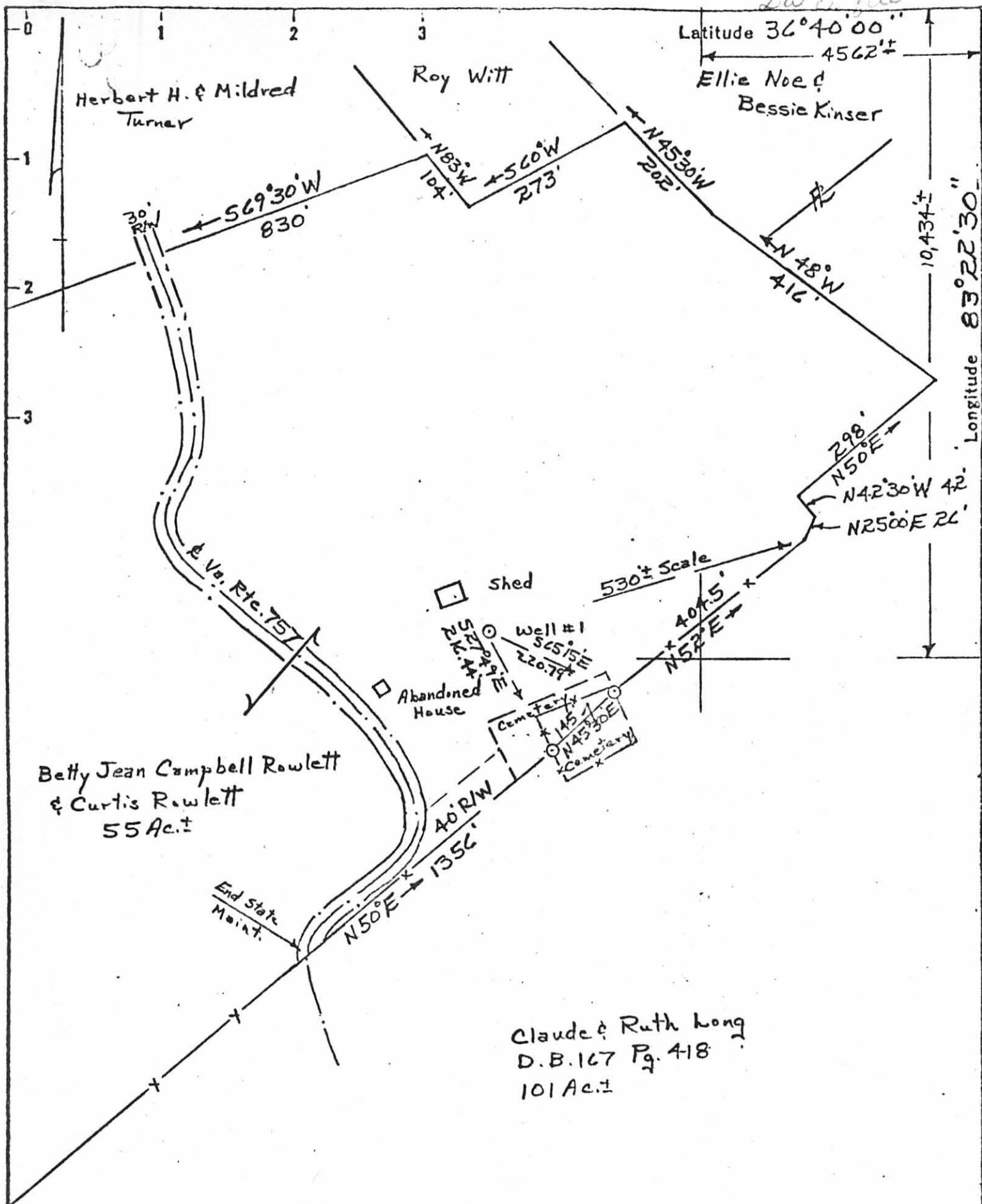
Zone 3: _____ Formation

Perforated _____ # Perfs. _____ Perf. Size _____
Breakdown _____ psig. Avg. Injection _____ psig.
Avg. I.R. _____ BPM Init. S.I.P. _____ psig 15 Min. S.I.P. _____ psig

Final production () natural () after stimulation

	BOD	MCFD	Hours Tested	Rock Pressure	Hours Tested
Zone 1:	_____	_____	_____	_____	_____
Zone 2:	_____	_____	_____	_____	_____
Zone 3:	_____	_____	_____	_____	_____

Final production if gas zones are comingled: _____ MCFD
_____ hours tested: _____ psig. _____ hours tested



- New Location
- Drill Deeper
- Abandonment

Company Rowlett & Adkison Oil Co.
 Address 1/2 Curtis Rowlett P.O. Box 115 Ewing Va.
 Farm Betty Jean Campbell Rowlett & Curtis Rowlett
 Tract _____ Acres 55± Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1625.0±
 Quadrangle Ewing
 County Lee District Rose Hill
 Engineer G.L. Hatfield
 Engineer's Registration No. _____
 File No. _____ Drawing No. 0-39-10

COMMONWEALTH OF VIRGINIA
 DIVISION OF MINES
 BIG STONE GAP, VA.

WELL LOCATION MAP
 FILE NO. _____

+ Denotes location of well on United States Topographic Maps, scale 1 to 25,000 latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

Commonwealth of Virginia
DEPARTMENT OF LABOR AND INDUSTRY
Division of Mines
Big Stone Gap, Virginia

REDRILL,
NOTICE OF INTENTION TO DRILL OIL OR GAS WELL
DEEPEEN

(One copy of this report and three identical copies of a plat or map, on a scale not smaller than 400 feet to the inch, and showing information required by Section 45-114, Code of Virginia, 1950, must be submitted to the Division of Mines, and copies sent by registered mail to all persons defined in above law, prior to obtaining a permit to drill.)

TO: DIVISION OF MINES
BIG STONE GAP, VIRGINIA

Lee County, Virginia
Place

April 24, _____, 1980
Date

Gentlemen:

The undersigned proposes to begin as soon as a permit therefor is obtained from the Division of Mines, to drill, ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~ a well for oil or gas on the Rowlett Farm, comprising 55 acres, in the Rose Hill District of Lee County, Virginia, having the fee title thereto, or as the case may be, under grant or lease dated April 9, 1980, made by Campbell Heirs to Curtis & Betty Jean Rowlett and recorded on the 9th day of April, 1980 in the office of the County Clerk for said County in Book 218, page 515.

The proposed location of the well, as shown on the attached plat or map, is about 10,434 feet ~~XXXXX~~ South of 36° 40' 00" and about 4562 feet ~~XXXXX~~ West of 83° 22' 30'.

It is proposed to drill this well to a depth of about 2,500 feet. Samples or cuttings therefrom ~~XXXXXX~~ will be available for examination by a member of the staff of the Virginia Geological Survey. Cuttings ~~XXXXXX~~ will be furnished the Survey.

A plat or map, in triplicate, on a scale not smaller than 400 feet to the inch, showing the proposed location of the well and other information, required in Section 45-114, Code of Virginia, 1950, is attached hereto. Copies of the plat and notice of intention to drill, redrill or deepen the aforementioned well have been sent to all interested persons as required by Section 45-114, above cited, as follows (List names and mail address of each. Use back of sheet if additional space is required):

- 1. Waiver Attached
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____

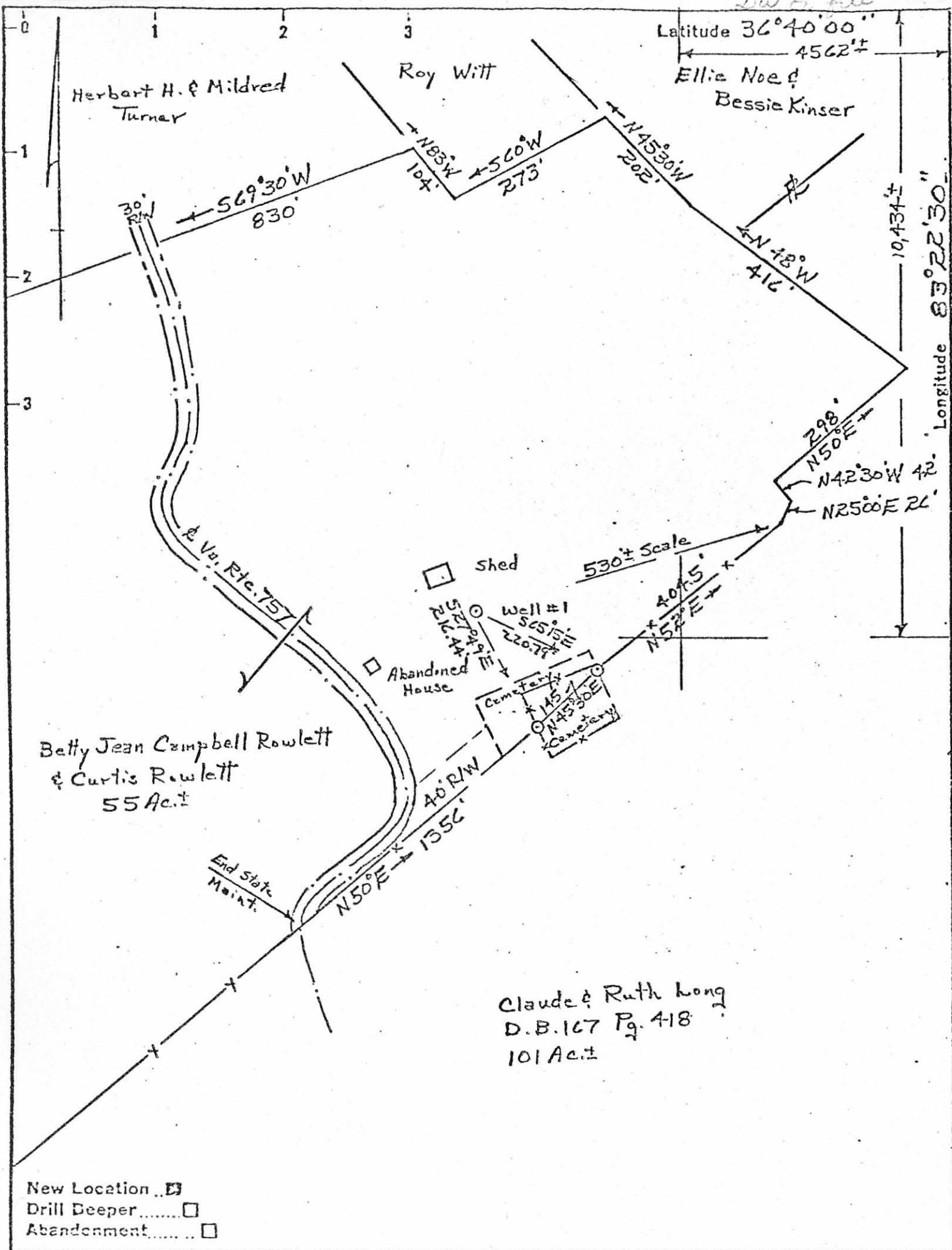
Very truly yours,

Signature of officer or certifying party:

Curtis Rowlett
Name
Same
Title

Rowlett & Adkinson Oil Company
Drilling Company or Operator
Box 115
Street Address
Ewing, Virginia 24248
City or Town, and State

File LE-50 Date Received 4-24-80 Well No. 1



Company Rowlett & Adkison Oil Co.
 Address 1/2 Curtis Rowlett P.O. Box 115 Ewing Va. 25248
 Farm Betty Jean Campbell Rowlett & Curtis Rowlett
 Tract _____ Acres 55± Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1625.0±
 Quadrangle Ewing
 County Lee District Rose Hill
 Engineer G.L. Hatfield
 Engineer's Registration No. _____
 File No. _____ Drawing No. 0-39-10
 Scale 1" = 200'

COMMONWEALTH OF VIRGINIA
 DIVISION OF MINES
 BIG STONE GAP, VA.
 WELL LOCATION MAP
 FILE NO. _____

± Denotes location of well on United States Topographic Maps, scale 1 to 24,000 latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF LABOR AND INDUSTRY
DIVISION OF MINES AND QUARRIES
BIG STONE GAP, VIRGINIA 24219
PHONE 703-523-0335

APPLICATION FOR PERMIT TO (DRILL) (REDRILL) (DEEPEN) OIL OR GAS WELL

(Required by Section 45.1-115, Code of Virginia, 1950, 1954 and the 1966 Cumulative Supplement, To be accompanied by Permit fee of twenty-five dollars and bond and surety therefor, as specified by Section cited. To be submitted in duplicate, one copy to be returned to applicant after action by Division of Mines and Quarries.

TO: Division of Mines and Quarries
Drawer V
Big Stone Gap, Virginia 24219

Lee County, Virginia

Place

April 24, 1980

Date

Gentlemen:

The undersigned hereby makes application for a Permit to drill, redrill, or deepen (strike out two) a well for oil or gas on the Rowlett Farm, comprising 55 acres, in the Rose Hill District of Lee County, Virginia, having the fee title thereto, or as the case may be, under grant or lease dated April 9, 1980 made by Campbell Heirs to Curtis & Betty Jean Rowlett

and recorded on the 4th day of April, 1980 in the office of the County Clerk for the said County in Book 218 page 515.

The proposed location of the well is shown on a location plat or map submitted to the Division of Mines and Quarries, by the undersigned, together with Notice of Intention to Drill, Redrill or Deepen a Well for Oil or Gas on the 24th day of April, 1980.

The proposed well will be known as Well No. 1 of Rowlett & Adkinson Oil Co. (company, etc.) It is proposed to drill this well to a depth of about 2,000 feet.

The proposed location is about 216 feet distant from the nearest property or lease line; about N/A feet distant from the nearest mining opening, or quarry (strike out words not applicable) and/or about N/A feet distant from the nearest drilling, abandoned, producing, or applied for (strike out words not applicable) oil or gas (strike out words not applicable) well.

There is enclosed herewith a certified check or U.S. Postal Money Order, in the amount of twenty-five (\$25.), payable to the Treasurer of Virginia, covering fee for a Permit to Drill a Well for Oil or Gas, as required by Section 45.1-115, Code of Virginia, 1950, 1954 and the 1966 Cumulative Supplement. Bond and Surety therefor to insure compliance with the provisions of Chapter 8, Title 45, Code of Virginia, 1950 and the 1966 Supplement, for this well, in the amount of \$2,500.00 is submitted herewith of (give status of) _____

Correspondence regarding this well should be addressed to _____

Very truly yours,

Signature of officer or certifying party:

Curtis Rowlett
Name

Same
Title

Rowlett & Adkinson Oil Company

Drilling Company or Operator
Box 115

Ewing Street

City or Town

Virginia, 24248

State

Space below this line is for the use of the Board only.

ACTION OF DIVISION OF MINES AND QUARRIES

Received on April 24, 1980

Approved and Permit (no. _____) granted on April 24, 1980

Denied

Reasons for denial _____

DIVISION OF MINES AND QUARRIES

By Deborah J. Johnson State V. I. H. Assoc. Pres.
Title

File No. LE-50

Well No. 1

Permit No. 345

Commonwealth of Virginia
DEPARTMENT OF LABOR AND INDUSTRY
Division of Mines
Big Stone Gap, Virginia

REDRILL
NOTICE OF INTENTION TO DRILL OIL OR GAS WELL
DEEPEEN

(One copy of this report and three identical copies of a plat or map, on a scale not smaller than 400 feet to the inch, and showing information required by Section 45-114, Code of Virginia, 1950, must be submitted to the Division of Mines, and copies sent by registered mail to all persons defined in above law, prior to obtaining a permit to drill.)

TO: DIVISION OF MINES
BIG STONE GAP, VIRGINIA

Lee County, Virginia
Place

April 24, _____, 1980
Date

Gentlemen:

The undersigned proposes to begin as soon as a permit therefor is obtained from the Division of Mines, to drill, ~~redrill or deepen~~ a well for oil or gas on the Rowlett Farm, comprising 55 acres, in the Rose Hill District of Lee County, Virginia, having the fee title thereto, or as the case may be, under grant or lease dated April 9, 1980, made by Campbell Heirs to Curtis & Betty Jean Rowlett and recorded on the 9th day of April, 1980 in the office of the County Clerk for said County in Book 218, page 515.

The proposed location of the well, as shown on the attached plat or map, is about 10,434 feet ~~xxxxx~~ South of 36° 40' 00" and about 4562 feet ~~xxxxx~~ West of 83° 22' 30'.

It is proposed to drill this well to a depth of about 2,500 feet. Samples or cuttings therefrom ~~will~~ ~~xxxxxxx~~ be available for examination by a member of the staff of the Virginia Geological Survey. Cuttings ~~will~~ ~~xxxxxxx~~ be furnished the Survey.

A plat or map, in triplicate, on a scale not smaller than 400 feet to the inch, showing the proposed location of the well and other information, required in Section 45-114, Code of Virginia, 1950, is attached hereto. Copies of the plat and notice of intention to drill, redrill or deepen the aforementioned well have been sent to all interested persons as required by Section 45-114, above cited, as follows (List names and mail address of each. Use back of sheet if additional space is required):

1. Waiver Attached
2. _____
3. _____
4. _____
5. _____
6. _____

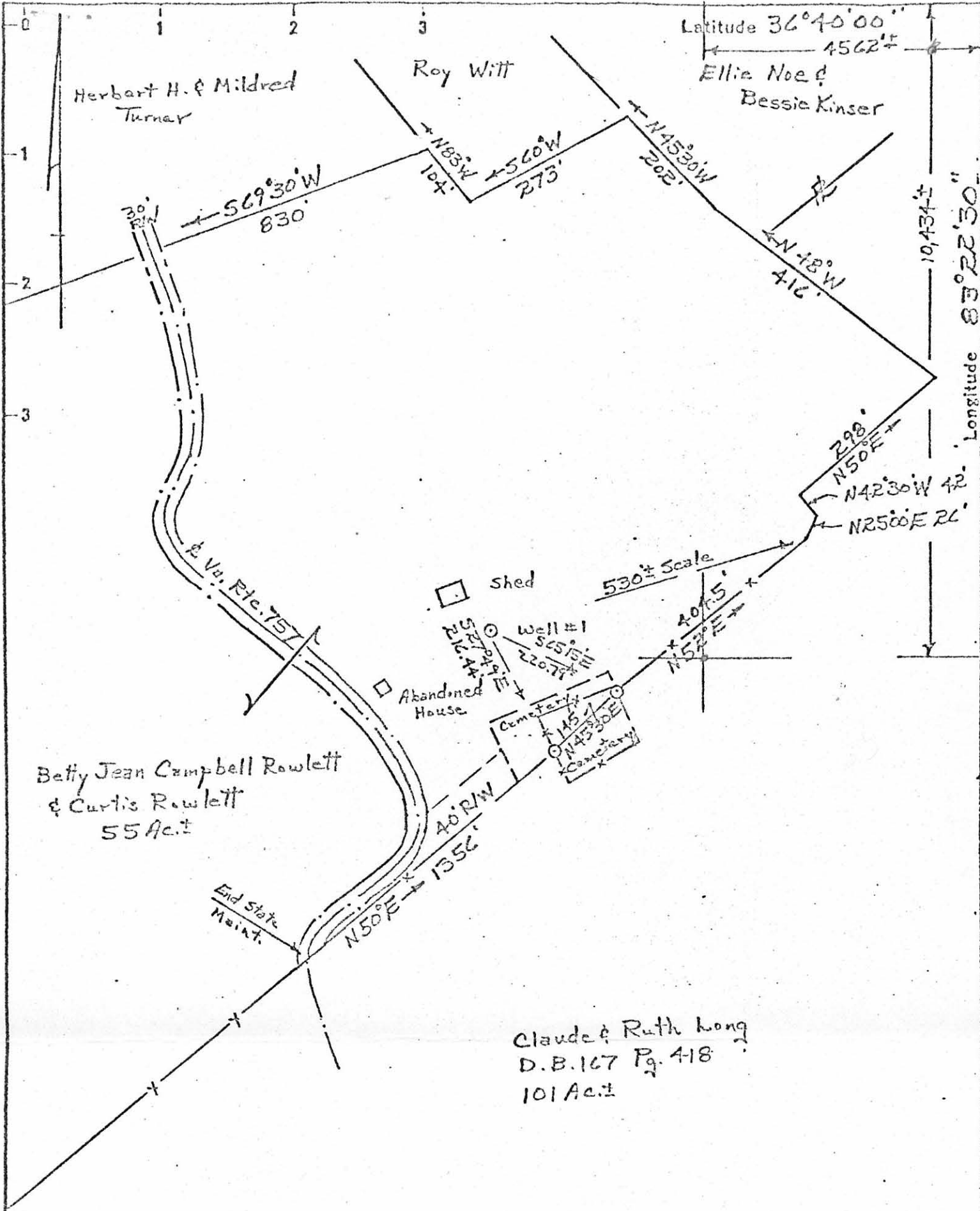
Very truly yours,

Signature of officer or certifying party:

Curtis Rowlett
Name
Same
Title

Rowlett & Adkinson Oil Company
Drilling Company or Operator
Box 115
Street Address
Ewing, Virginia 24248
City or Town, and State

File LE-50 Date Received 4-24-80 Well No. 1



Claude & Ruth Long
 D.B. 167 Pg. 418
 101 Ac.±

- New Location
- Drill Deeper
- Abandonment

Company Rowlett & Adkison Oil Co.
 Address 1/2 Curtis Rowlett P.O. Box 115 Ewing Va.
 Farm Betty Jean Campbell Rowlett & Curtis Rowlett
 Tract _____ Acres 55± Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1625.0±
 Quadrangle Ewing
 County Lee District Rose Hill
 Engineer G.L. Hatfield
 Engineer's Registration No. _____
 File No. _____ Drawing No. 0-39-10
 Scale 1" = 200'

COMMONWEALTH OF VIRGINIA
 DIVISION OF MINES
 BIG STONE GAP, VA.

WELL LOCATION MAP
 FILE NO. _____

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- Denotes one inch spaces on border line of original tracing.