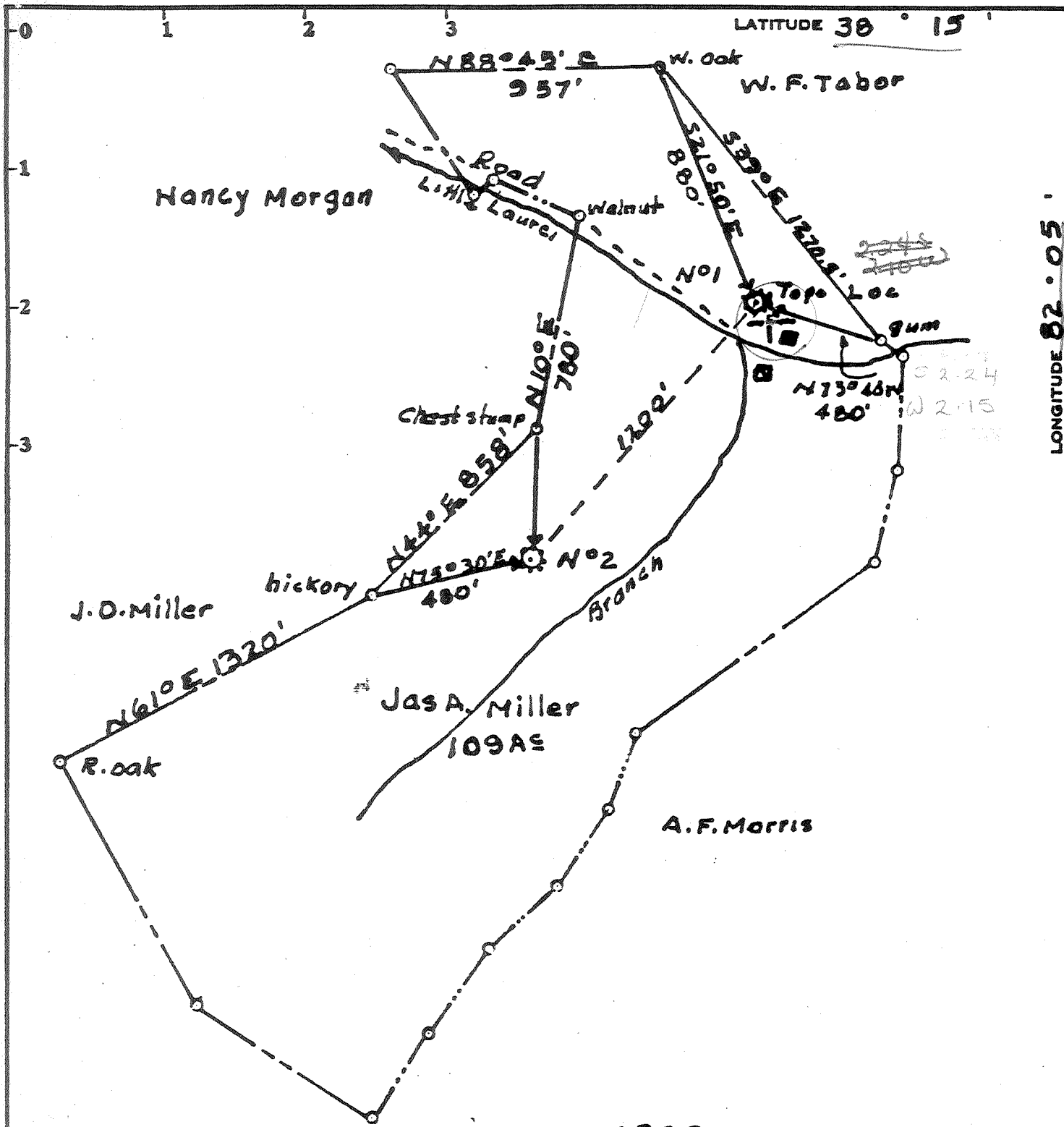


30 15



Source of Elevation J.A. Miller well N°1 760

Fracture
 New Location
 Drill Deeper
 Abandonment 10/22/75

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: Am. J. Watts L.L.S.
 Squares: N S E W

Company PIP PETROLEUM CORP
 Address BOX 505, WAYNE, W.VA
 Farm JAMES A. MILLER
 Tract _____ Acres 109 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 885.33
 Quadrangle MIDKIFF 15' NU
 County LINCOLN District CARROLL
Wm. T. WATTS L.L.S.
 Registration No. 395
 File No. _____ Drawing No. _____
 Date 7-21-75 Scale 1" = 500'

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

WELL LOCATION MAP

FILE NO. Lin - 1617 - P - Red.
DEEP WELL

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

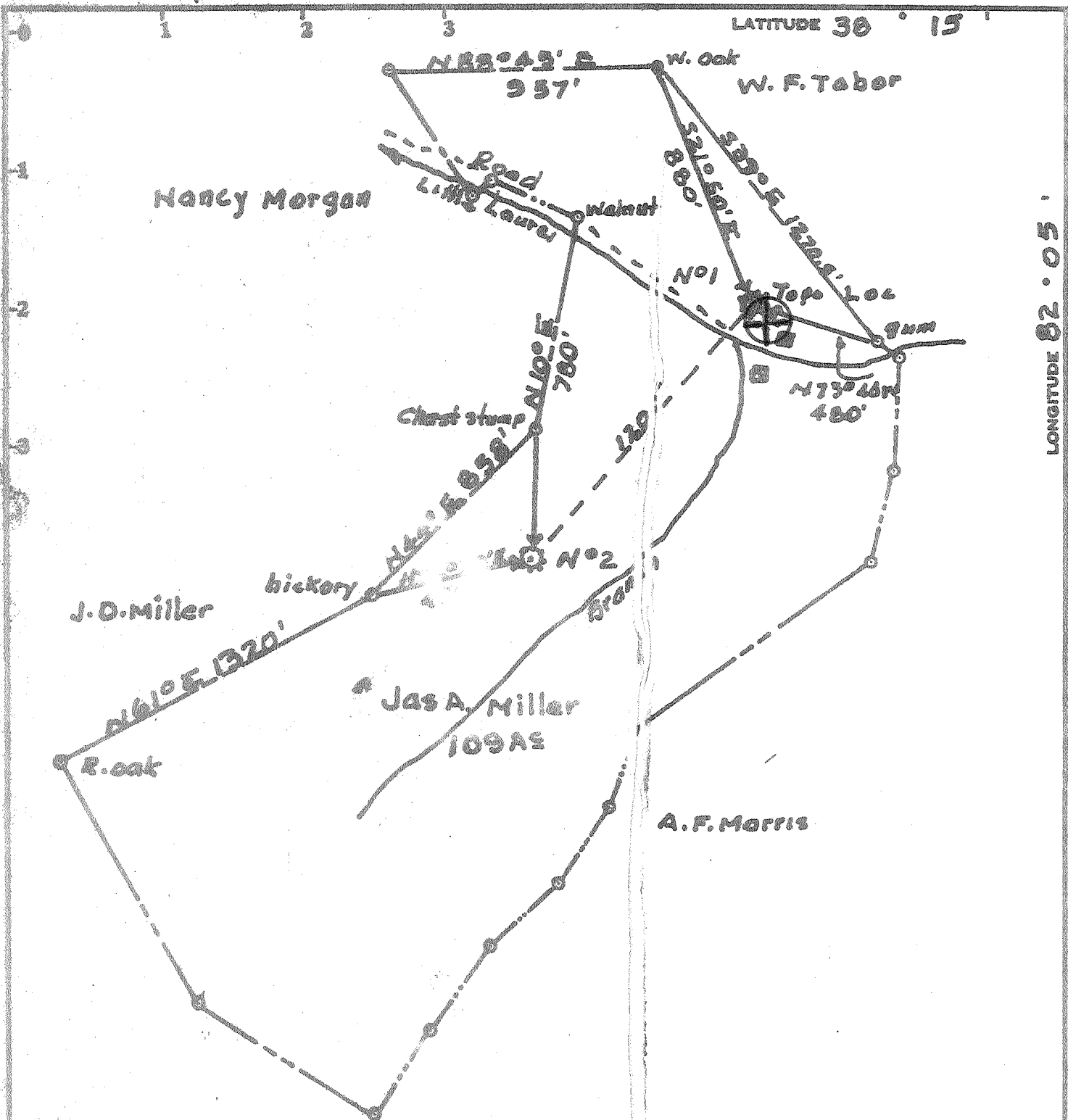
- Denotes one inch spaces on border line of original tracing.

47-043 SEP

OWWO 4/5/75 676 Palermo (Mud River) (234)

73075 15

Log Card CSD Mflm



Minimum Error of Closure 1.00
 Source of Elevation Jas A Miller wall N°1 760

Fracture
 New Location
 Drill Deeper
 Abandonment 10/22/75

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signature Wm. J. Watts L.L.S.
 Directions: N S E W

Company PIP PETROLEUM CORP
 Address BOX 505, WAYNE, W.VA
 Farm JAMES A. MILLER
 Tract Acres 109 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 885.33
 Quadrangle MIDKIFF NC
 County LINCOLN District CARROLL
 Surveyor Wm. J. Watts L.L.S.
 Registration No. 395
 File No. _____ Drawing No. _____
 Date 7-21-75 Scale 1" = 500'

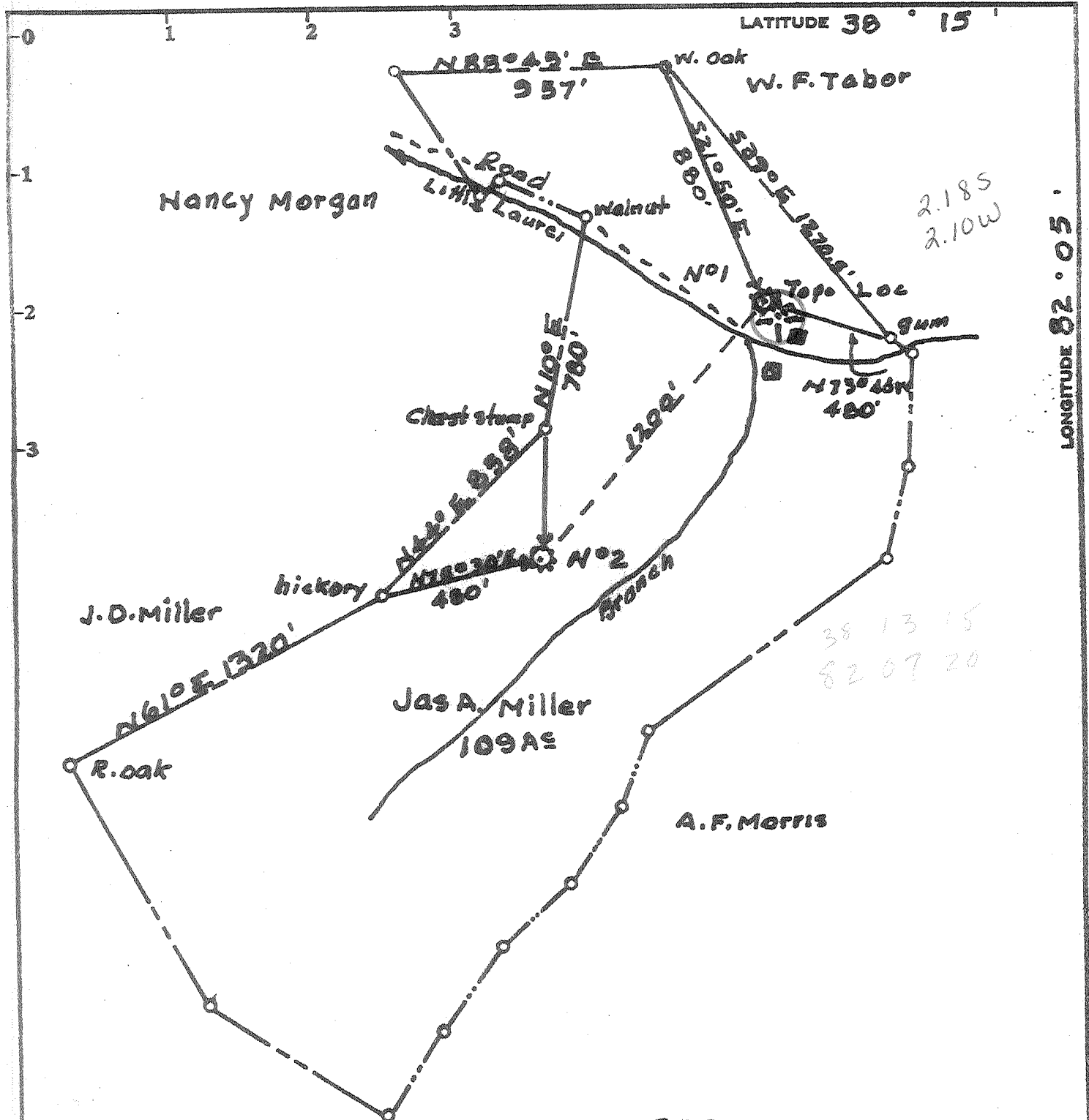
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. Lin - 1617 - P

+ Indicates location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing. 47-043

1100 Shale



2.185
2.10W

38 13 15
82 07 20

Minimum Error of Closure 1:200
Source of Elevation JAS. MILLER WELL N°1 760

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: Ann. J. Watts L.L.S.
Squares: N S E W

Company	<u>PIP PETROLEUM CORP</u>
Address	<u>BOX 505, WAYNE, W. VA</u>
Farm	<u>JAMES A. MILLER</u>
Tract	<u>Acres 109</u> Lease No. _____
Well (Farm) No.	<u>2</u> Serial No. _____
Elevation (Spirit Level)	<u>885.33</u>
Quadrangle	<u>MIDKIFF</u>
County	<u>LINCOLN</u> District <u>CARROLL</u>
	<u>Wm. T. Watts L.L.S.</u>
	Registration No. <u>395</u>
File No.	Drawing No. _____
Date	<u>7-21-75</u> Scale <u>1" = 500'</u>

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

WELL LOCATION MAP
FILE NO. Lin - 1617

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
— Denotes one inch spaces on border line of original tracing.
47-043



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

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OCT 30 1975
OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Quadrangle Midkiff
Permit No. LIN 1617

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

Company Pip Petroleum Corp.
Address Box 505 Wayne, W. Va. 25570
Farm James A. Miller Acres 109
Location (waters) Little Laurel
Well No. 2 Elev. 885.33'
District Carroll County Lincoln
The surface of tract is owned in fee by James A. Miller
Address _____
Mineral rights are owned by JAMES A. MILLER
Address _____
Drilling Commenced 8-4-75
Drilling Completed 10-21-75
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"	10" MIN.	24'	
9 5/8			
8 5/8	233'	233'	
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Coal was encountered at 105-108 3 Feet _____ Inches
Fresh water 275-285 Feet 10 Salt Water 768-778 Feet 10
Producing Sand _____ Depth _____

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

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface			0	15		
Clay			15	25		
Slate			25	35		
and			35	105		
Coal			105	108		
Slate			108	114		
Broken Sand			114	200		
Coal			200	203		
Slate-Shell			203	270		
Sand			270	323		
Slate			323	343		
Sand			343	393		
Slate-Shell			393	459		
Sand			459	489		
Slate-Shell			489	563		
Sand			563	572		
Slate			572	703		
Salt-Sand			703	834		
Slate-Shell			834	839		
Sand			839	933		
Slate			933	948		
Sand			948	980		
Slate-Shell			980	1000		
Sand			1000	1155		
Slate-Shell			1155	1200		
Red rock			1200	1206		
Slate-shell			1206	1220		
Sand			1220	1235		
Slate-Shell			1235	1245		
Maxon-Sand			1245	1301		
Slate			1301	1305		
Little Lime			1305	1343		
Pencil Cave			1343	1346		
Big Lime			1346	1587		
Slate			1587	1590		
Red injun Sand			1590	1615		
Grey injun Sand			1615	1645		
Slate-Shell			1645	1835		
Lime-Shell			1835	1870		
Slate-Shell			1870	2100		
Shale			2100	2114		
Grit			2114	2134		
Slate			2134	2150		
Shell			2150	2220		
Slate			2220	2365		
Brown Shale			2365	2480		
Slate-Shell			2480	2764		
Brown Shale			2764	2820		
Slate			2820	3070		
Brown shale			3070	3378		
Slate			3378	3388		

TD in M. Devonian Shales

Date 10-21, 1973

APPROVED [Signature] Owner

By [Signature]
(Title)



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JUL 25 1983

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Quadrangle _____

Permit No. Lin 1617

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

Company Pip Petroleum Corp
Address P.O. Box 505 Wayne N.C.
Farm James Miller Acres 109
Location (waters) Little Laurel
Well No. 2 Elev. 885.33
District Carroll County Lincoln
The surface of tract is owned in fee by James Miller
Address P.O. Box 921 Bucks Lake, Ohio
Mineral rights are owned by James Miller
Address _____
Drilling Commenced _____
Drilling Completed _____
Initial open flow 14000 cu. ft. per day _____ bbls.
Final production 49000 cu. ft. per day _____ bbls.
Well open 40 hrs. before test _____ 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	233	233	
7	1361	1361	
5 1/2			
4 1/2			
3			
2		3127"	
Liners Used			

8 7/8 Cement on first drill

Well treatment details:

Attach copy of cementing record.

Shot Shale from 3758 Top to 3858 Bottom
Shot with 250 Quarts Glycerine 49 MCF
Shot Shale from 3010 Top to 3827 Bottom
Shot with Judy Mite
Log CDL-SNL-GR IEL Logs TEL-GR Temp Log GDL-SNL-GR Temp
Coal was encountered at 105-108 3-3 Feet 10 Inches
Fresh water 275-285 Feet 10 Salt Water 768-778 Feet 10
Producing Sand Brown Shale Merion Depth 3010 to 3200

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface			0	15		
Clay			15	25		
SLATE			25	35		
Sand			35	105		
Coal			105	108		
SLATE			108	114		
BROKEN SAND			114	200		
COAL			200	203		
SLATE-SHELL			203	270		
SAND			270	323		
SLATE			323	343		
SAND			343	393		

(over)

* Indicates Electric Log tops in the remarks section.

over

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
LATE SHELL			393	459		
SAND			459	489		
LATE SHELL			489	563		
SAND			563	572		
LATE			572	703		
SAND			703	834		
LATE-SHELL			834	839		
SAND			839	933		
LATE			933	948		
SAND			948	980		
LATE-SHELL			980	1000		
SAND			1000	1155		
LATE-SHELL			1155	1200		
SAND			1200	1206		
LATE-SHELL			1206	1220		
SAND			1220	1235		
LATE-SHELL			1235	1245		
SAND			1245	1301		
LATE			1301	1805		
LITTLE LIME			1305	1343		
PRINCIPAL CAVE			1343	1346		
BIG LIME			1346	1587		
LATE			1587	1590		
SAND			1590	1615		
KEY SAND			1615	1645		
LATE-SHELL			1645	1835		
LIME-SHELL			1835	1870		
LATE SHELL			1870	2100		
SAND			2100	2114		
TRIT BRIA			2114	2134		

Date _____, 19____

APPROVED _____, Owner

By _____

(Title)

JUL 25 1983

Lin 1617

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
SLATE			2134	2150		
Shell			2150	2220		
SLATE			2220	2365		
Brown Shale			2365	2480		
Slate Shell			2480	2764		
Brown Shale			2764	2820		
SLATE			2820	3070		
Brown Shale			3070	3378		
SLATE			3378	3750		
Brown Shale			3750	<u>3858</u>		Onon. Horon © T.D.

3858
2134
 1724

Date _____, 19 73

APPROVED _____, Owner



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AUG - 9 1984

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

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

WELL RECORD

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

Quadrangle Branchland

Permit No. 1617

Company Pip Petroleum Corp.
Address P.O. Box 505 Wayne W. VA.
Farm James Miller Acres 106
Location (waters) Little Laurel
Well No. 2 Elev. 885.33
District Carroll County Lincoln
The surface of tract is owned in fee by James Miller
Address P.O. Box 921 Buckeye Lake, Ohio
Mineral rights are owned by James Miller
Address _____
Drilling Commenced 8-25-81
Drilling Completed 11-1-81
Initial open flow 1490 cu. ft. _____ bbls.
Final production 49.43 cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.
Well treatment details:
Shot Shale 3758 to 3854 and 3010 to 3827

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"	10"	24'	
9 5/8			
8 5/8	233"	233"	
7	1361	1361	
5 1/2			
4 1/2			
3			
2			
Liners Used			

Monday
Attach copy of cementing record.

Dogs IND. GAMMA/RAY, EXPER. NOISE, COMP. DEN. SWN, TEMP.

Coal was encountered at 105-108 Feet _____ Inches _____
Fresh water 275-285 Feet 10 Salt Water 768-778 Feet 10
Producing Sand Brown Shale UCC Depth 3750-3810

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface			0	15		
Clay			15	25		
slate			25	35		
Sand			35	105		
998 Coal			105	108		
slate			108	114		
Broken Sand			114	200		
998 Coal			200	203		
Slate-Shale			203	270		
Sand			270	323	Water	
Slate			323	343		
Sand			343	393		
Slate-Shale			393	459		
Sand			459	489		
Slate-Shale			489	563		
Sand			563	572		
Slate			572	703		
792 Salt Sand			703	834		
Slate-Shale			834	839		
Sand			839	933		
Slate			933	948		
Sand			948	980		
Slate-shale			980	1000		
Sand			1000	1155		

(over)

* Indicates Electric Log tops in the remarks section.

SEP 17 1984

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Slate-Shale			1155	1200		
Red Rock			1200	1206		
Slate-Shale			1206	1220		
Sand			1220	1235		
Slate-Shale			1235	1245		
325 Maxon Sand			1245	1301		
Slate			1301	1305		
321 Little Lime			1305	1343		
320 Pencil Cave			1343	1346		
240 Big Lime			1346	1587		
Slate			1587	1590		
Red Injun Sand			1590	1615		
265 Grey Injun Sand			1615	1645		
Slate-Shale			1645	1835		
Lime-Shale			1835	1870		
Slate-Shale			1870	2100		
Shale			2100	2114		
Grit			2114	2134		
Slate			2134	2150		
Shale			2150	2220		
Slate			2220	2365		
Brown Shale			2365	2480		
Slate-Shale			2480	2764		
Brown Shale			2764	2820		
Slate			2820	3070		
Brown Shale			3070	3378		
Slate			3378	3388		
Slate-Shale			3388	3750		
Brown Shale			3750	3810		
Lime ✓ Onondaga			3810	3858		

D. Neal

top Beren 2082

top Huron 3066

top Java 3360

top W. Falls 3471

top Rhinest. 3654

Date Aug 7, 19 74

APPROVED _____, Owner

By Coy O. Leck
 (Title)
Dr.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUL 30 1975

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE July 30, 1975

Surface Owner James A. Miller

Company Pip Petroleum Corporation

Address Hamlin, W.Va.

Address Box 505, Wayne, W.Va. 25570

Mineral Owner

Farm James A. Miller Acres 109

Address

Location (waters) Little Laurel

Coal Owner Same

Well No. 2 Elevation 885.33'

Address

District Carroll County Lincoln

Coal Operator

Quadrangle Midkiff

Address

THIS PERMIT MUST BE POSTED AT THE WELL SITE.

All provisions being in accordance with Chapter 22 of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 11-30-75.

Robert K. Todd
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Kenneth Butcher
PH: 736-4885 ADDRESS Barboursville, W.Va.

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated _____ 19____ by _____ made to _____ and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____

XXX NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, Pip Petroleum Corporation

(Sign Name) By: *B. J. Claborn*
Well Operator

Box 505

Street

Wayne

City or Town

West Virginia 25570

State

Address of Well Operator

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

LIN-1617 PERMIT NUMBER
47-043

Sumner

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XXXXX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME PIP Petroleum Corporation NAME B. V. Claborn
 ADDRESS Box 505, Wayne, W.Va. ADDRESS Box 505, Wayne, W.Va.
 TELEPHONE 304-272-3201 TELEPHONE _____
 ESTIMATED DEPTH OF COMPLETED WELL: 4,000 ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Br. Shale
 TYPE OF WELL: OIL _____ GAS _____ COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
18 - 10	235'		Cement to Surface
9 - 5/8			
8 - 5/8	1260'		
7			
5 1/2	4000'		50 Sacks Cement
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50+ FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 160' - 202'
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

 For Coal Company

 Official Title



Well No. 2
Farm James A. Miller
API 47-043-1677-Red
Date 8-20-81

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas
(If "Gas", Production / Underground storage / Deep / Shallow)

LOCATION: Elevation: 885.33 Watershed: _____
District: _____ County: LINCOLN Quadrangle: MIDKIFF

WELL OPERATOR Pip Petroleum Corp.
Address P.O. Box 505
Wayne, WVA. 25570

DESIGNATED AGENT Coy D. Lehman
Address RT 1 Box 1465A
Wayne, W. VA. 25570

OIL AND GAS ROYALTY OWNER James A. Miller
Address P.O. Box 921
Buckeye Lake, Ohio
Acreage 109

COAL OPERATOR _____
Address _____

SURFACE OWNER James A. Miller
Address P.O. Box 921
Buckeye Lake, Ohio
Acreage 109

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

FIELD SALE (IF MADE) TO:
NAME _____
Address _____

NAME _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME _____
Address NONE

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Kenneth Butler
Address RFO-1
Barboursville WVA 25504
Telephone 736-4885

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AUG 29 1981

OIL & GAS DIVISION
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated _____, 19____, to the undersigned well operator from James A. Miller.

(If said deed, lease, or other contract has been recorded:)

Recorded on 3-10, 1981, in the office of the Clerk of County Commission of Lincoln County, West Virginia, in 39 Book at page 675. A permit is requested as follows:

PROPOSED WORK: Drill / Drill Deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

Pip Petroleum Corp.
Well Operator

By: Coy D. Lehman

Its: _____

BLANKET BOND

(Revised 3-81)

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Company Tools

Address _____

GEOLOGICAL TARGET FORMATION Coniferous lime

Estimated depth of completed well 4500 feet. Rotary 1 Cable tools 1

Approximate water strata depths: Fresh, 275 feet; salt, 768 feet.

Approximate coal seam depths:

Is coal being mined in this area: Yes 1 No 1

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill-ling	Left in Well		
Conductor	10"	2	32		✓	24'	24'		Kinds
Fresh water	8"	2		✓		233	233'	<u>Top To Bottom</u>	Sizes
Coal	7"	2		✓		1360			
Intermed. Production	4 1/2"	2		✓					Depths set
Tubing									
Liners									Perforations: Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-5, (iii) Form IV-8, "Reclamation Plan" applicable to the reclamation required by Code §22-4-15b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-15a, and (v) if applicable, the consent required by Code §22-4-22 from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for redrilling. This permit shall expire if operations have not commenced by 4-25-82.

Julius B. Russell
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

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 regularions.

Date: _____, 19____.

By: _____

Its: _____