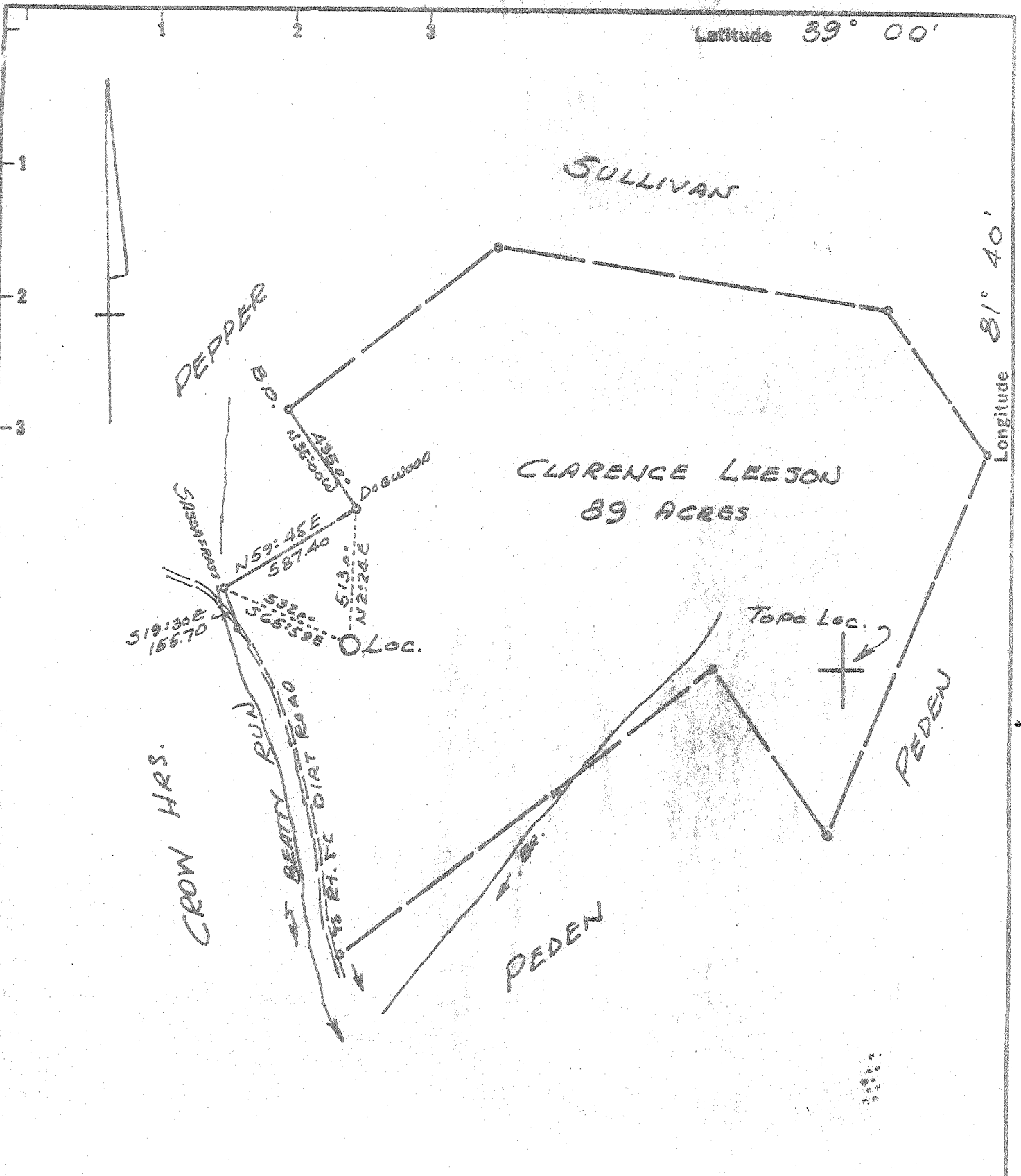


Latitude 39° 00'

Longitude 81° 40'



New Location
 Drill Deeper
 Abandonment
 12-29-72

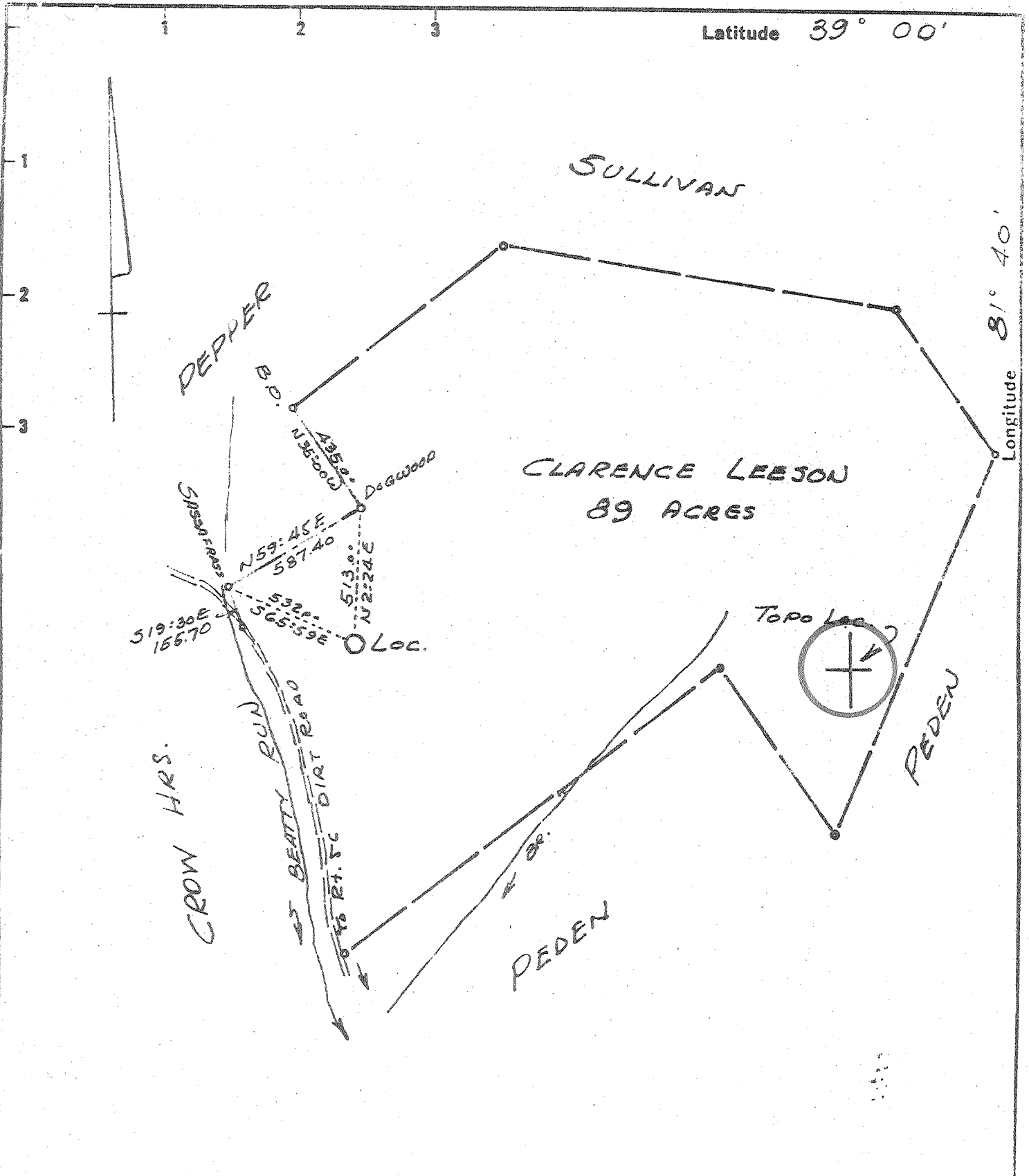
Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. Elev 663 Road Intersection on Beatty Run
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company Big B. Drilling Co.
 Address P.O. Box 20, Sissonville, W.Va.
 Farm CLARENCE LEESON, ETAL
 Tract _____ Acres 89 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 835.0
 Quadrangle RIPLEY NW
 County JACKSON District RAVENSWOOD
 Engineer N. G. Lytton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date SEPT 23 72 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. Jac-1344-P

+ 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.



New Location
 Drill Deeper
 Abandonment

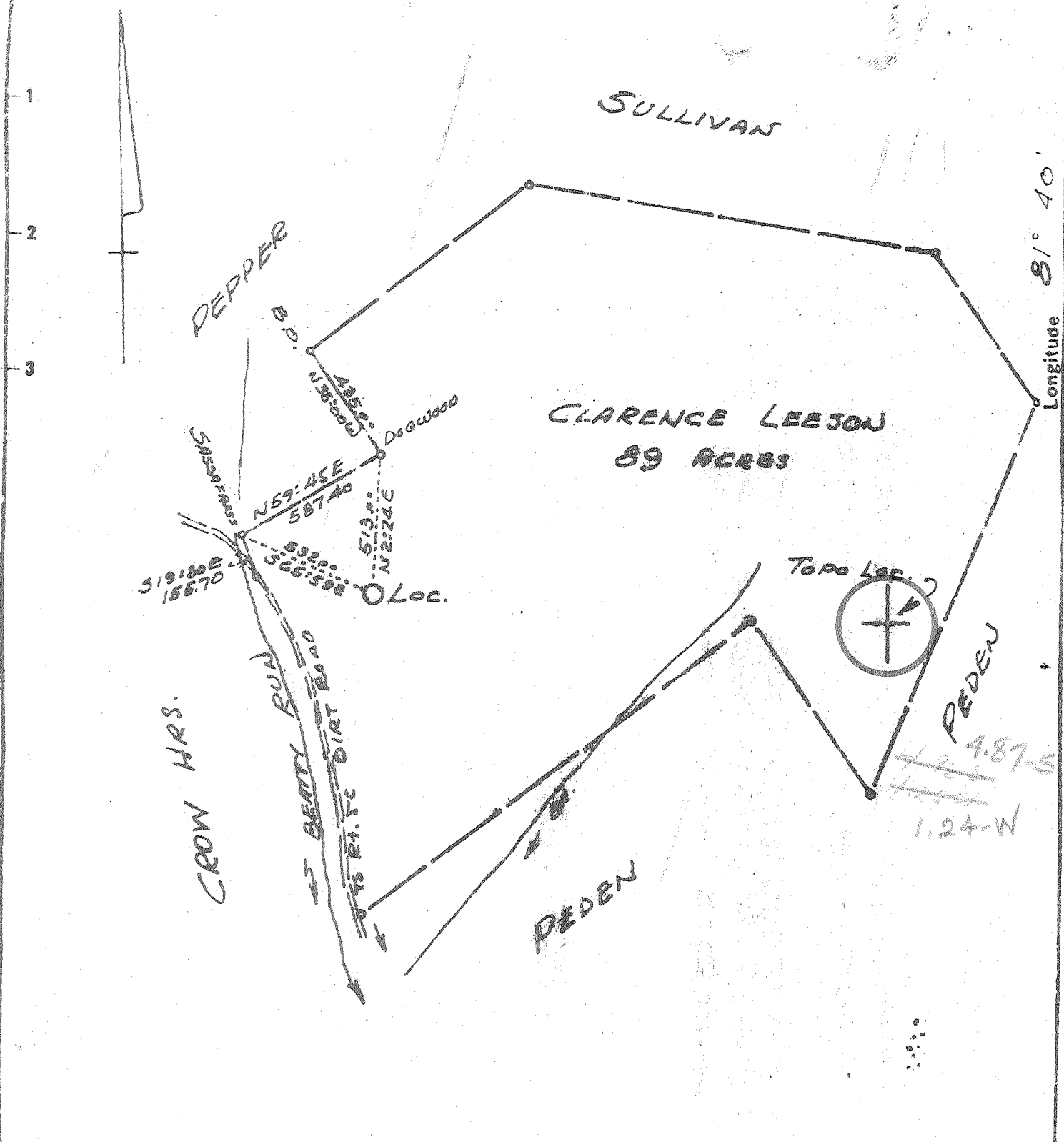
Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. elev. 663 Road Intersection of
Beatty Run
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company Big B. Drilling Co.
 Address P.O. Box 20, JISSONVILLE, W.Va.
 Farm CLARENCE LEESON, ETAL
 Tract _____ Acres 39 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 835.0
 Quadrangle RIPLEY NW
 County JACKSON District ROVENSWOOD
 Engineer N.L. Dutton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date SEPT. 23 72 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. Jac-1344

+ 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.



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. Elev 662 Road Intersection on Betty Run
 "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."

Company ALLEN BEARD
 Address P.O. Box 20, JISSONVILLE, W.VA.
 Farm CLARENCE LEEASON, ETAL
 Tract _____ Acres 89 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 835.0
 Quadrangle RIPLEY NW
 County JACKSON District RAVENSWOOD
 Engineer T.G. Sifton
 Engineer's Registration No. 1832
 File No. _____ Drawing No. _____
 Date SEPT 23 '12 Scale 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. Jac - 1344

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

WELL RECORD

Rotary X Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ Dry (Kind) NO. 1

Quadrangle Ripley
Permit No. Jac - 1344

Company Big B Drilling Co.
Address P.O. Box 20 Sissonville, W. Va.
Farm Clarence Leeson Acres 89
Location (waters) Beatty Run
Well No. 1 Elev. 840 KB
District Ravenswood County Jackson
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 12-7-72
Drilling Completed 1-4-73
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"	19'	19'	90 sks.
9 5/8			
8 5/8			
7	2170'	2170'	300 sks. 12-13
5 1/2			
4 1/2	5685	1557	104 sks. 12-19
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	10		
Sand & Shale			10	25		
Lime			25	50		
Shale			50	280		
Sand			280	390		
Shale & Sand			390	1000		
Sand			1000	1770		
Lime			1770	1990		
Siltstone - <u>Big Lime (P.I.)</u>			1990	2035		
Sand - <u>Injun (P.I.)</u>			2035	2125		
Shale			2125	4835		
Lime - <u>Huntersville - 463</u>			4835	4970		
Sand - <u>ORISKANY</u>			4970	4985		
Lime & Dolomite - <u>HELDRETH & SAUNA</u>			4985	5700		
<u>Newburg</u>			5700	5708		
Shale & Dolomite - <u>MCKENZIE</u>			5708			
TOTAL DEPTH				5734		
				<u>545</u>		

RECEIVED
FEB 5 1973

OIL & GAS DIVISION
DEPT. OF MINES

P.I. - 4830 - 4931
P.I. - 4931 - 4954
P.I. - 4954 - 5700
Light show oil
P.I. NTB - 5712

(over)

* Indicates Electric Log tops in the remarks section.

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

COAL OPERATOR OR OWNER Big B Drilling Co. NAME OF WELL OPERATOR
ADDRESS P.O. Box 20 Sissonville, W. Va. COMPLETE ADDRESS
COAL OPERATOR OR OWNER 1-15 1973 WELL AND LOCATION
ADDRESS Ravenswood District
LEASE OR PROPERTY OWNER Jackson County
ADDRESS Well No. 1
Clarence Leeson Farm
STATE INSPECTOR SUPERVISING PLUGGING Mr. Fred Burdette Sissonville, W. Va.

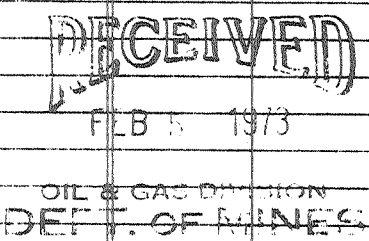
AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Kanawha

SS:

Fred Suhy and M. L. Fisher
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Dowell & Burdette Oil and Gas, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 4 day of Jan., 1973, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
5734 - 5634	Cement	13 3/8"	-	19'
5634 - 4128	Jel			
4128 - 4078	Cement	7"	-	2170'
4078 - 2180	Jel			
2180 - 2130	Cement	4 1/2"	4128	1557
2130 - 50	Jel			
50 - 0	Cement			
				
COAL BEAMS	DESCRIPTION OF MONUMENT			
(NAME)	7" casing			
(NAME)				
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 5 day of Jan., 1973.

And further deponents saith not.

Sworn to and subscribed before me this 31st day of January, 1973.

My commission expires:

October 30, 1977

M. L. Fisher

Fred W. Fisher
Notary Public.

Permit No. Jac - 1344 P C. NOLL

FEB 13 1973



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

SEP 25 1972

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Clarence Leeson
Address Ravenswood, W. Va.
Mineral Owner Clarence Leeson, etal
Address Ravenswood, W. Va.
Coal Owner not operated
Address _____
Coal Operator _____
Address _____

DATE September 23, 1972
Company Allen Beard
Address Box 20, Sissonville, W. Va. 25320
Farm Clarence Leeson, etal Acres 89
Location (waters) Beatty Run
Well No. 1 Elevation 835
District Ravenswood County Jackson
Quadrangle Ripley

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 1-25-73.

Robert Stoad
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED
Box 190
Ripley Route PH: 984-9263
Sissonville
W. Va. 25185

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 Sent 20, 19 72 by Clarence Leeson made to Allen Beard and recorded on the 21st day of Sent. 19 72, in Jackson County, Book 122 Page _____
 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,
(Sign Name) Allen Beard
Well Operator

Address
of
Well Operator

P. O. Box 20
Street
Sissonville,
City or Town
West Virginia 25320
State

*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.

BOND DRILL

Jac-1344 PERMIT NUMBER
Summ

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME Allen Beard
 ADDRESS _____ ADDRESS Box 20, Sissonville, W. Va.
 TELEPHONE _____ TELEPHONE 984-9934
 ESTIMATED DEPTH OF COMPLETED WELL: 5500 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Newburg
 TYPE OF WELL: OIL _____ GAS X 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			
13 - 10	200	200	top to bottom
9 - 5/8			
8 - 5/8			
7	2400	2400	top to bottom
5 1/2			
4 1/2	5500		
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS _____
 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