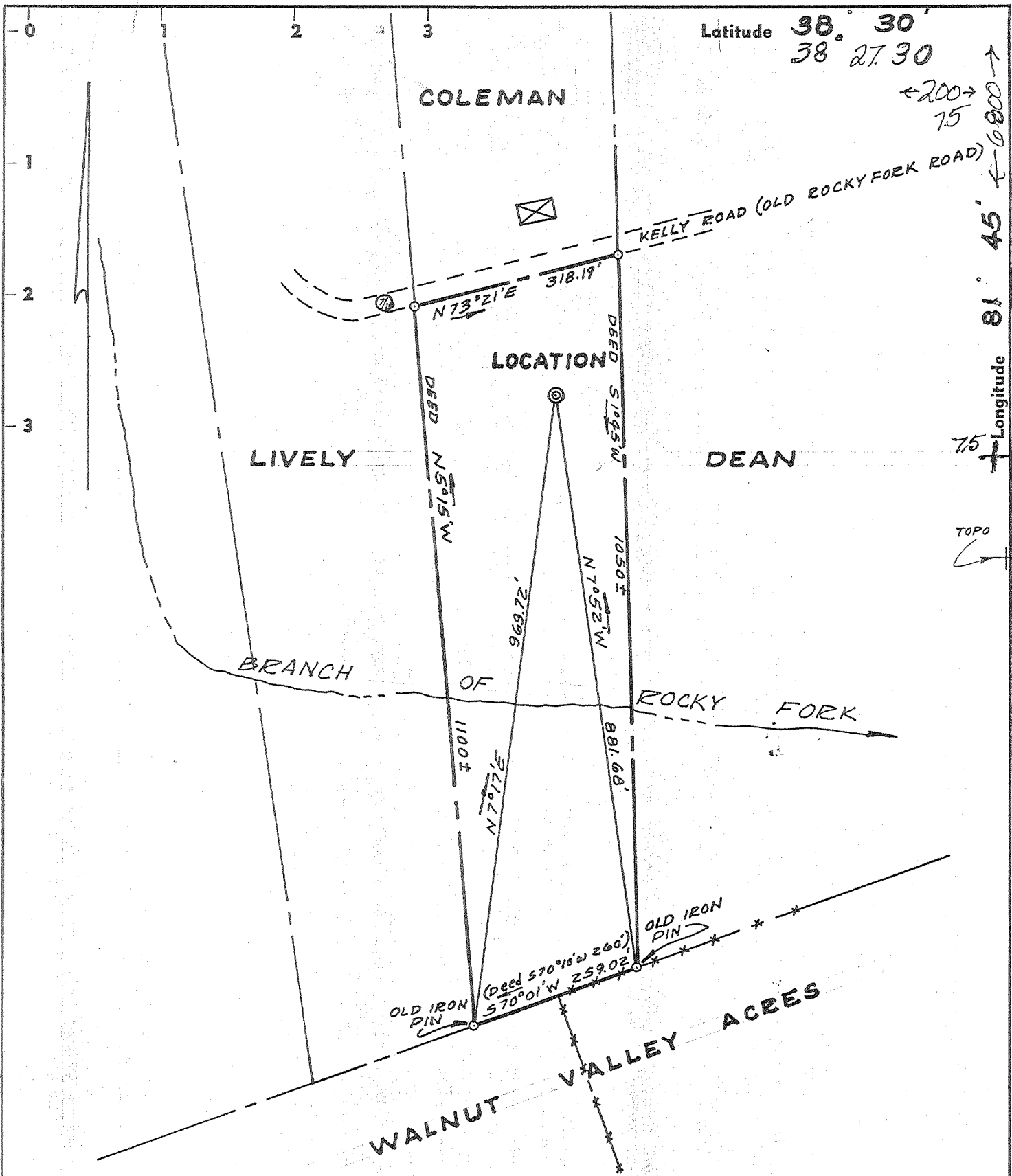


6/15/67 CEN



Latitude  $38^{\circ} 30'$   
 $38^{\circ} 27.30'$

Longitude  $81^{\circ} 45'$   
 $81^{\circ} 45.75'$

TOPO

Partial Plug  - 5/29/83

- New Location
- Drill Deeper
- Redrill
- Abandonment

ELEVATION FROM U.S.G.S. (630') AT INTERSECTION OF STATE ROUTES 10 & 7/10 - ACCURACY 1' IN 1000'

"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	Rubid Resources, Inc.
Address	1007 C Bridge Rd. - CHARLESTON, W. VA.
Farm	MARY R. WEBB
Tract	Acres 7.62 Lease No.
Well (Farm) No.	1 Serial No. 2
Elevation (Spirit Level)	688.10
Quadrangle	SAINT ALBANS 3-45 ST. ALBAN 7.5
County	KANAWHA District UNION
Engineer	J. P. Holselaw
Engineer's Registration No.	1341
File No.	Drawing No.
Date	JUNE 6 '67 Scale 1" = 200'

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

WELL LOCATION MAP

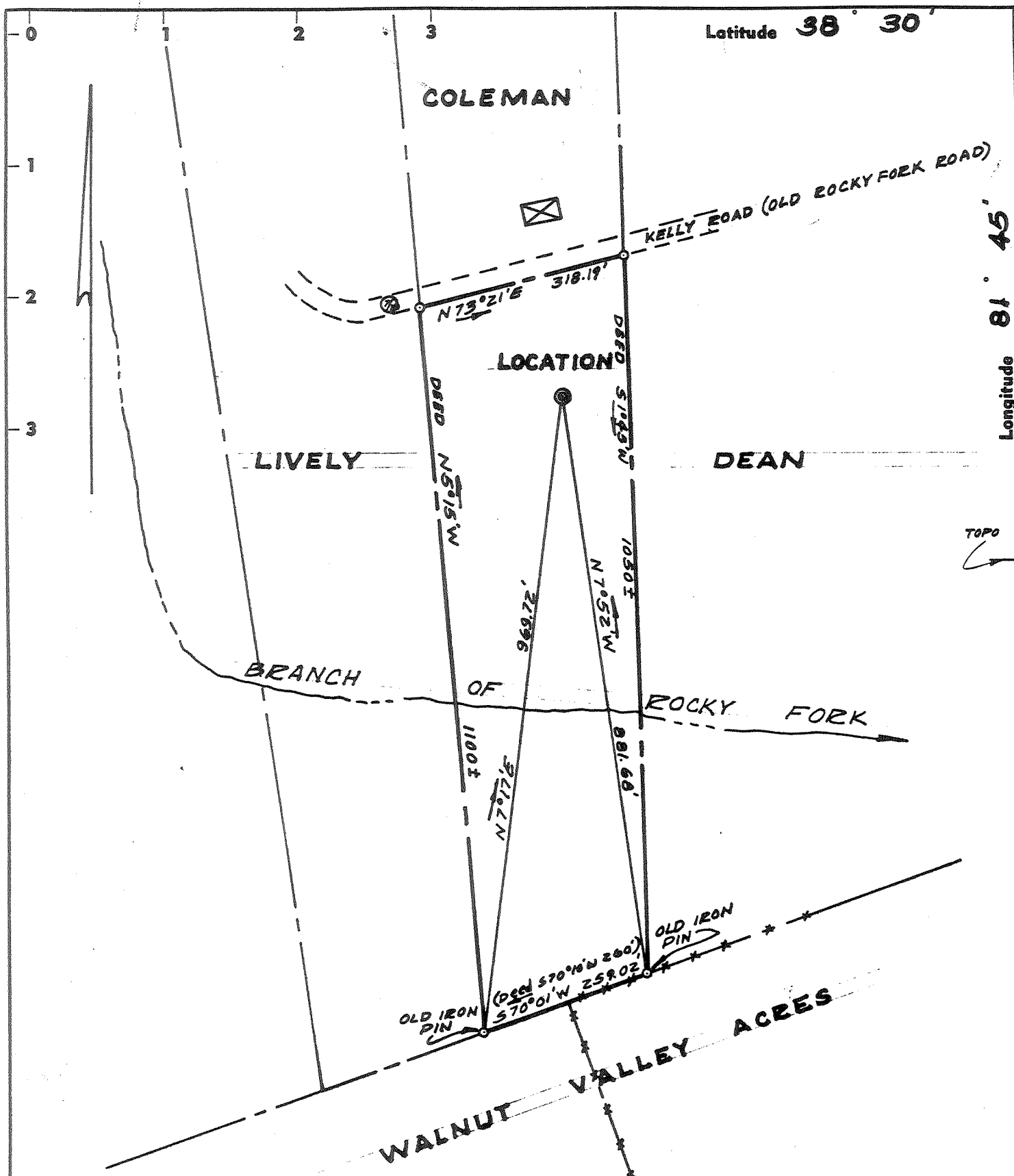
FILE NO. KAN-2134-P

+ 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.

47-039

KAN-2134



Partial Plug  - 5/29/83  
 ELEVATION FROM U.S.G.S. (630') AT INTERSECTION OF STATE ROUTES 10 & 7/10. ACCURACY 1' IN 1000'  
 Drill Deeper   
 Redrill   
 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."

Company	L. G. BURDETTE, D.B.A. BURDETTE OIL & GAS CO.
Address	CHURCH ST., CHARLESTON, W.VA.
Farm	MARY E. WEBB
Tract	Acres 7.62 Lease No.
Well (Farm) No.	1 Serial No. 2
Elevation (Spirit Level)	688.10
Quadrangle	SAINT ALBANS 3-45*
County	KANAWHA District UNION
Engineer	J. C. Tolson
Engineer's Registration No.	1341
File No.	Drawing No.
Date	JUNE 6 '67 Scale 1" = 200'

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

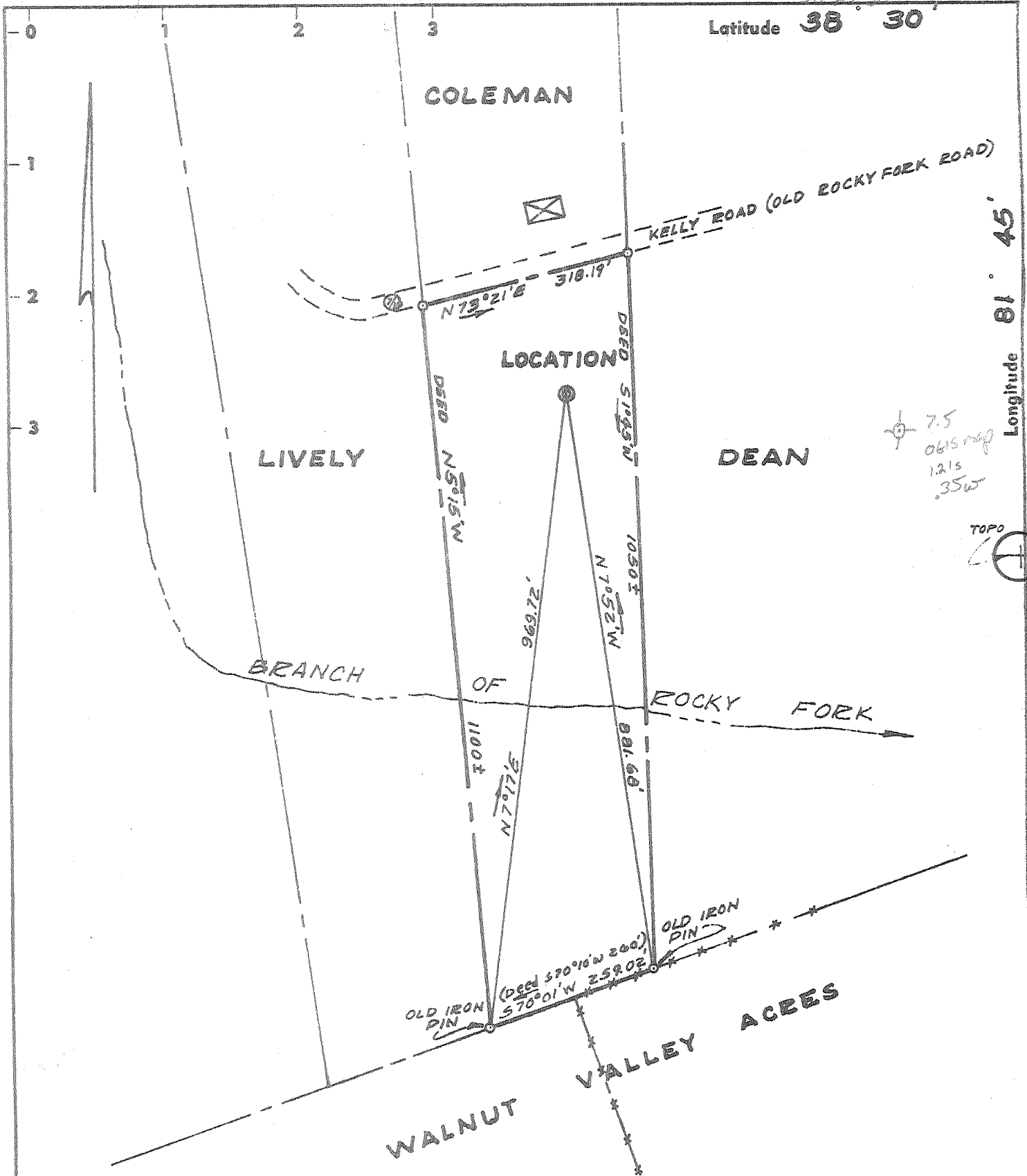
**WELL LOCATION MAP**  
 FILE NO. KAN-2134-PP

+ 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.

MAY 31 1983  
 47-039

38° 27' 30" 6/15/67



ELEVATION FROM U.S.G.S. (630') AT INTERSECTION OF STATE ROUTES 10 & 710 - ACCURACY 1' IN 1000'

- New location
- Drill Deeper
- Redrill
- 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."

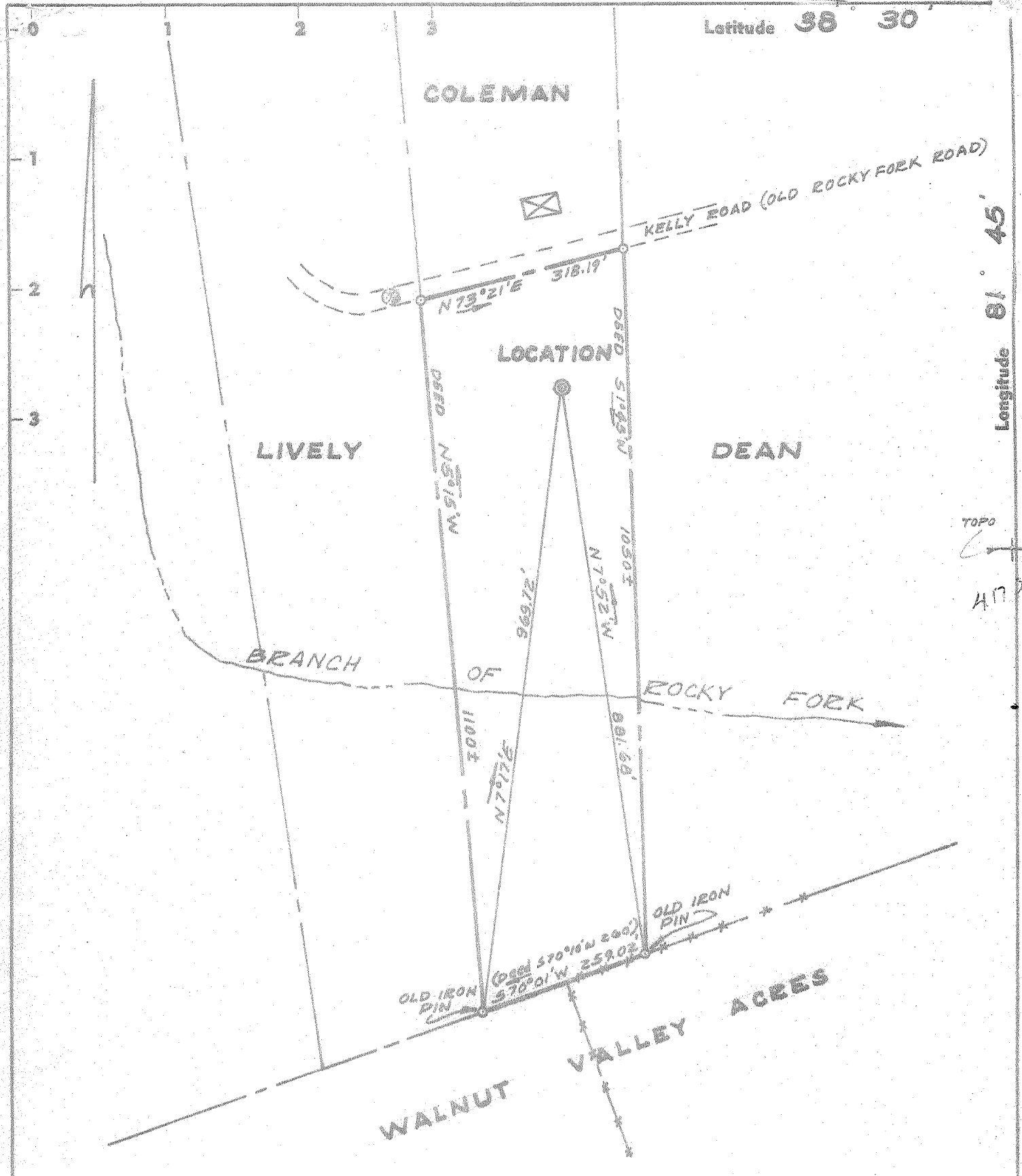
Company L. G. BURDETTE, D.B.A. BURDETTE OIL & GAS CO.  
 Address 7 1/2 SPRING ST., CHARLESTON, W. VA.  
 Farm MARY R. WEBB  
 Tract \_\_\_\_\_ Acres 7.02 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. 2  
 Elevation (Spirit Level) 688.10 NW  
 Quadrangle SAINT ALBANS  
 County KANAWHA District UNION  
 Engineer J. A. Johnson  
 Engineer's Registration No. 1341  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date JUNE 6 '67 Scale 1" = 200'

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

WELL LOCATION MAP  
 FILE NO. KAN-2134-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.



Latitude **38 30'**

Longitude **81 45'**

TOPO   
417

- New Location
- Drill Deeper
- Redrill
- Abandonment

ELEVATION FROM U.S.G.S. (630') AT INTERSECTION OF STATE ROUTES 10 & 7/10 - ACCURACY 1' IN 1000

"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 <b>L. G. BURDETTE, D.B.A. BURDETTE OIL &amp; GAS CO.</b>	
Address <b>7 1/2 SPRING ST., CHARLESTON, W. VA.</b>	
Farm <b>MARY E. WEBB</b>	
Tract	Acres <b>7.62</b> Lease No.
Well (Farm) No. <b>1</b>	Serial No. <b>2</b>
Elevation (Spirit Level) <b>688.10</b>	
Quadrangle <b>SAINT ALBANS NE</b>	
County <b>KANAWHA</b> District <b>UNION</b>	
Engineer <b>J. A. Tolson</b>	
Engineer's Registration No. <b>1341</b>	
File No.	Drawing No.
Date <b>JUNE 6 '67</b> Scale <b>1" = 200'</b>	

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

WELL LOCATION MAP  
FILE NO. **KAN-2134**

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

Deep Well (Newburg)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle.....

WELL RECORD

Oil or Gas Well  Gas  
(KIND)

Permit No. KAN-2134

Company Burdette Oil & Gas Company  
Address 7 1/2 Spring St., Chas., W. Va.  
Farm Mary Webb Acres 7.62  
Location (waters).....  
Well No. One Elev. 688.10  
District Union County Kanawha  
The surface of tract is owned in fee by.....  
Address.....  
Mineral rights are owned by Mary Webb  
Russett Drive Address Charleston, W. Va.  
Drilling commenced June 26, 1967  
Drilling completed July 7, 1967  
Date Shot..... From..... To.....  
With.....

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer.....
16		65'	
13 3/8		1842'	Size of.....
9 5/8		5313'	Depth set.....
7			
6 3/4			
5 3/16			
4 1/2			Perf. top.....
3			Perf. bottom.....
2			Perf. top.....
Liners Used			Perf. bottom.....

Open Flow        /10ths Water in        Inch  
24 /10ths Merc. in 7 Inch  
Volume 7,797,000 MCF Cu. Ft.  
Rock Pressure..... lbs..... hrs.  
Oil..... bbls., 1st 24 hrs.

Attach copy of cementing record.  
CASING CEMENTED..... SIZE..... No. Ft..... Date.....  
Amount of cement used (bags).....  
Name of Service Co.....  
COAL WAS ENCOUNTERED AT..... FEET..... INCHES  
..... FEET..... INCHES..... FEET..... INCHES  
..... FEET..... INCHES..... FEET..... INCHES

WELL ACIDIZED (DETAILS).....

WELL FRACTURED (DETAILS).....

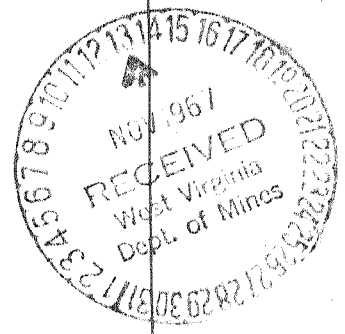
RESULT AFTER TREATMENT (Initial open Flow or bbls.).....

ROCK PRESSURE AFTER TREATMENT..... HOURS.....

Fresh Water 100 Feet..... Salt Water..... Feet.....

Producing Sand Newberg Depth.....

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Soil			0	20			
Shale			20	50			
Red Rock			50	60			
Lime			60	74			
Sandy Lime			74	285			
Shale & Lime Shells			285	590			
Coal			590	592			
Shale & Lime Shells			592	794			
Sandy Lime			794	850			
Shale			850	947			
Sandy & Lime			947	1037-			
Sand			1037	1502-			
Big Lime			1502	1668			
Lime Break			1668	1678	176		
Keener Sand			1678	1708			
Injun Sand			1708	1775	67		
Shale & Lime			1775	2150-	375		
Berea Sand			2150	2163			
Shale			2163	4559			
Lime (Cornf.)			4559	4650	91		
Oriskany Sand		<i>no shell</i>	4650	4760			
Lime			4760	5364	104		
Newberg Sand			5364	5382	TD		
			<u>704</u>				
			<u>4660</u>				



CONTRACTUAL PLUGGING OF WELL NO. 47-039-2134  
IN KANAWHA COUNTY

0392134

- 3-09-87 Moved dozer and service rig to location. Rigged up. Removed monument from well.
- 3-10-87 Got 3000 (feet) of 2 7/8 (inch) upset tubing in Hamlin and hauled to location. Dozer dug pit. Put pit liner in pit. Ready to start drilling.
- 3-11-87 Dug out around 9 5/8 (inch). Started drilling inside 9 5/8 (inch) at 9:00 a.m. with a 8 1/2 (inch) tooth bit. The first 5 (feet) was dirt. Cement started at 5 (feet). Drilled hard from 5 (feet) to 15 (feet). The hole was open from 15 (feet) to 20 (feet) with a show of gas. Drilled cement to 90 (feet) where rig encountered a gas pocket, tried to blow drill pipe out of the hole. Drilled from 90 (feet) to 100 (feet) where rig drilled out the top plug. Pump circulated gel out of hole to 600 (feet). Well was making gas but not enough to be gauged.
- 3-12-87 Ran ten joints of tubing thru the gel and circulated hole for 1/2 hour. Continued this procedure until we got down to 1509 (feet). Sat down on something hard at 1509 (feet). Circulated at 1509 (feet) and shut down. Well still making a little gas.
- 3-13-87 Rig shut down. Had to take valves out of duplex pump to machine shop to be built up.
- 3-16-87 Started drilling at 1509 (feet) and found bit was on the second cement plug. Caught cement cuttings while circulated the gel. Drilled hard from 1509 (feet) to 1580 (feet). Hit soft spot from 1580 (feet) to 1600 (feet). Hit hard cement again from 1600 (feet) to 1770 (feet). Hit open hole at 1770 (feet) and gas started increasing. Ran tubing and circulated from 1770 (feet) to 2185 (feet). Tagged next plug at 2185 (feet). Gas got stronger as rig went deeper in open hole with a show of oil. Pulled 2 joints of tubing. Shut down.
- 3-17-87 Gauged well before blowing down and had 65 PSI. Blew well down and ran 2 joints back in hole. Drilled from 2185 (feet) to 2190 (feet) to make sure we were on plug. Circulated at 2190 (feet) and brought cement cuttings. Circulated hole until NOWSCO WELL SERVICE arrived on location. NOWSCO pumped 52 sacks of NEAT cement at 2190 (feet). Rig pulled up 5 joints and pumped 55 sacks of NEAT cement at 2042 (feet). Rig pulled 5 more joints and pumped 60 sacks of NEAT cement at 1889 (feet). Pulled all of tubing out of the hole. Dug out around 9 5/8 (inch) and found that the top of the 13 3/8 (inch) was tapered and welded to the 9 5/8 (inch). We cut the 13 3/8 (inch) from the 9 5/8 (inch) with torches. Then put the 9 5/8 (inch) elevators around the 9 5/8 (inch) and tried to pull the stretch out of the pipe. It budged only 1/4 (inch) with 65000 pounds of torque on the rig. Shut down.

- 3-18-87 Young Wireline came out in the morning to free point and cut the 9 5/8 (inch) at about 1700 (feet) so we could pull the pipe before continuing with the plug job. Because we were not able to pull any slack on the 9 5/8 (inch) the evening before we decided to run a bond log. We ran a bond log from 900 (feet) to the surface. From 800 (feet) to 65 (feet) there was approximately 60 to 65 percent bond which we presumed to be cave in. But in the top 65 (feet) there appeared to be 70 to 80 percent bond and we were told that this was thought to be cement. Thus we could not pull the 9 5/8 (inch). After consulting with Mike Lewis, we agreed to perforate the pipe at about 840 (feet) and try to squeeze cement up the back side of the 9 5/8 (inch). We could not get any circulation so we agreed to run the 2 7/8 (inch) tubing back in the hole and set a 100 (feet) plug from 850 (feet) to 750 (feet). Then we pulled tubing up to 150 (feet) and set plug from 150 (feet) to surface.
- 3-19-87 Set monument so it would sit about 3 (feet) above the ground. Cemented around 9 5/8 (inch) about 2 (inches) under ground and filled in above with dirt. Started moving off location.
- 3-20-87 Finished moving off locaton and dozer reclaimed site.
- 3-24-87 Got a Gravelly tractor and tilled the location.
- 3-25-87 Finished tilling location and put seed, fertilizer, lime and straw down.

NOTE: Rubin Resources consulted with the Department of Energy at least once a day throughout the project thru Mike Lewis. Nothing was done without Mike's prior approval.

We thank the Department of Energy for the opportunity to do this work and hope we can be of service in the future.

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Division, 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.

Rubin Resources Inc for W.Va. Dept. of Energy  
Name of Well Operator

1007 C Bridge Road  
Complete Address

Charleston WV 19 \_\_\_\_\_  
WELL AND LOCATION

Union District

KANAWHA County

Coal Operator or Owner \_\_\_\_\_  
Address \_\_\_\_\_

Coal Operator or Owner \_\_\_\_\_  
Address \_\_\_\_\_

Lease or Property Owner \_\_\_\_\_  
Address \_\_\_\_\_

WELL NO. 047-039-2134

\_\_\_\_\_ Farm

STATE INSPECTOR SUPERVISING PLUGGING Mike Lewis, Carlos Hively

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Kanawha ss:  
Rick Rubin and William Shreve

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 Rubin Resources Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 9th day of March, 19 87, 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
<u>See Attached</u>				<u>1842'</u> of <u>9 5/8"</u>
<u>Berea 2150' - 2163'</u>	<u>NEAT CEMENT</u>	<u>2190 - 1740</u>		
	<u>Gel</u>	<u>1740 - 850</u>		
<u>Big Lignite 1708' - 1775'</u>	<u>NEAT CEMENT</u>	<u>850 - 750</u>		
	<u>Gel</u>	<u>750 - 150</u>		
<u>Keoper 1618' - 1708'</u>	<u>NEAT CEMENT</u>	<u>150 - Surface</u>		
<u>Big Lignite 1502' - 1618'</u>				
<u>Salt Sand 1037' - 1502'</u>				
				<u>4/6/87</u>
Coal Seams		Description of Monument		
(Name)		<u>10 3/4" Pipe - Rounded off</u>		
(Name)		<u>on top w/</u>		
(Name)		<u>cement</u>		
(Name)				

and that the work of plugging and filling said well was completed on the 25th day of March, 19 87.

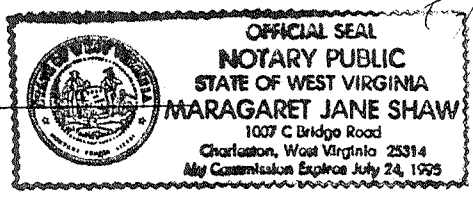
And further deponents saith not.

Sworn to and subscribed before me this 3rd day of April, 19 87.

Rick Rubin  
William Shreve

Margaret Jane Shaw  
Notary Public

My commission expires:  
July 24, 1995



Permit No. 039-2134-P

APR 13 1987