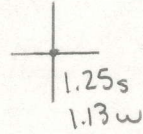


39° 35' 00"

Latitude

80° 12' 30"

Longitude



Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company _____

Farm _____

15' Quad _____
(sec.)

7.5' Quad Grant Town

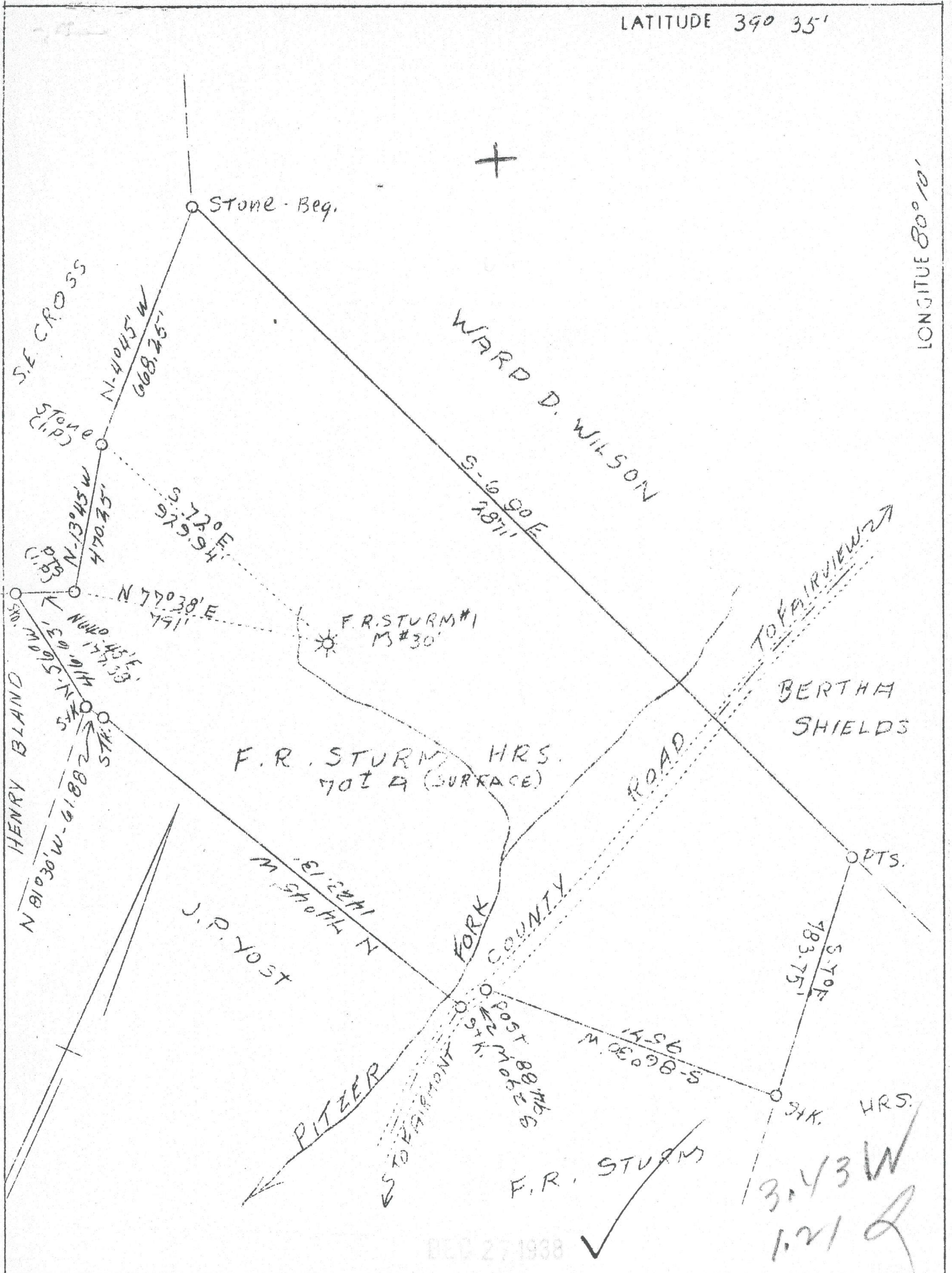
District Lincoln

WELL LOCATION PLAT

County 049 Permit 30207

LATITUDE 39° 35'

LONGITUDE 80° 10'



Company Monongahela West Penn
Public Service Co.
Address Fairmont, W. Va.
Farm F. R. Sturm Hrs.
Acres 6 (formerly 75 plus acres)
Lease No. 11
Well (Farm) No. One
Serial No. M #30
Elevation 1275.89
Quadrangle Blacksville
County Marion
District Lincoln
Engineer F. A. H. Kelley
Eng. Reg. No. 695
Drawing No. B-121038-G
Date Dec. 10, 1938
Scale 1" - 400'

STATE OF WEST VIRGINIA
Department of Mines
OIL & GAS DIVISION
Charleston
WELL LOCATION MAP
File No. MOX-207-A
x Denotes location of well on U. S. Topo-
graphic 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.

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

307

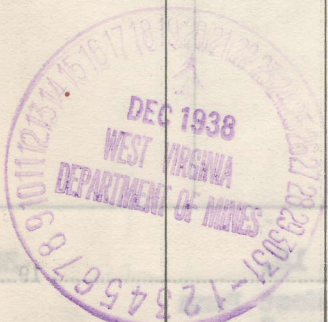
WELL RECORD

Permit No. AP-207-A.

Oil or Gas Well Gas
(Kind)

Company <u>Monongahela West Penn Public Service Co.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Gas Dept. - Fairmont, W. Va.</u>				
Farm <u>F. R. Sturm Hrs.</u> Acres <u>70 ±</u>	Size			
Location (waters) <u>Pitzer Fork - Bethel Run</u>				
Well No. <u>1 M #30</u> Elev. <u>1275.89</u>	16			Kind of Packer
District <u>Lincoln</u> County <u>Marion</u>	13			<u>2-Anchor Packers</u>
The surface of tract is owned in fee by <u>Mimmie V. Sturm</u>	10 <u>Casing</u>	<u>570 (est)</u>	<u>Pulled</u>	Size of <u>6 5/8" x 2"</u>
<u>R. F. D. #4</u> Address <u>Fairview, W. Va.</u>	8 1/4	<u>1553</u>	<u>1553</u>	
Mineral rights are owned by <u>Mimmie V. Sturm, et al.</u>	6 5/8	<u>1825</u>	<u>1825</u>	Depth set <u>2941</u>
<u>R. F. D. #4</u> Address <u>Fairview, W. Va.</u>	5 3/16			<u>and 2518</u>
Drilling commenced <u>1910</u>	3			Perf. top <u>-</u>
Drilling completed <u>Sept. 4, 1910</u>	2 <u>Tubing</u>	<u>2974</u>	<u>2974</u>	Perf. bottom <u>-</u>
Date shot <u>April 14, 1919</u> Depth of shot <u>2963 & 2947</u>	Liners Used			Perf. top <u>-</u>
Open Flow (Original) /10ths Water in <u>-</u> Inch				Perf. bottom <u>-</u>
/10ths Merc. in <u>-</u> Inch				
Volume <u>1,400,000</u> Cu. Ft.	CASING CEMENTED <u>No</u>	SIZE	No. FT.	Date
Rock Pressure <u>480</u> lbs. <u>24</u> hrs.				
Oil <u>-</u> bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT <u>440</u> FEET	<u>96</u> INCHES		
Fresh water <u>-</u> feet <u>-</u> feet	<u>550</u> FEET	<u>108</u> INCHES	FEET	INCHES
Salt water <u>-</u> feet <u>-</u> feet	FEET	INCHES	FEET	INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Mapletown Coal			440	448			
Pittsburgh "			550	559			
Little Dunkard Sand			950	970			
Gas Sand			1300	1350			
1st Salt Sand			1400	1450			
2nd Salt Sand			1540	1600			
Maxton Sand			1700	1740			
Little Lime			1810	1818			
Pencil Cave			1818	1823			
Big Lime			1823	1893			
Big Injun Sand			1893	2033	Gas	2008'	
Gantz Sand			2325	2350			
50 ft. Sand			2500	2550			
30 ft. Sand			2600	2640			
Gordon Stray Sand			2760	-			
Gordon Sand			2775	-			
4th Sand			None				
5th Sand			2940		1st Gas	2948'	
					2nd "	2964'	
Total Depth - 2974'							



APPROVED
By
Date

JAN 6 1939

By C. W. Hart (Title) Mgr. Gas Dept.

APPROVED Public Service Co. Owner

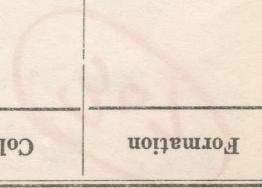
Date Dec. 15, 1938

Formation	Color	Soft or Hard	Top	Bottom	Hard or Soft or Gas	Depth	Remarks
Self water		feet		feet	FEET	INCHES	FEET
Flow water		feet		feet	FEET	INCHES	FEET
Oil		feet		feet	FEET	INCHES	FEET
Rock Pressure		psi		psi			
Volume		cu ft		cu ft			
Open Flow		cu ft		cu ft			
Date spot		Depth of spot		Depth of spot			
Drilling completed							
Drilling commenced							
Mineral water							
The surface of this is shown in							
District							
Well No.							
Location (meters)							
Rate							
Address							
Company							
Permit No.							

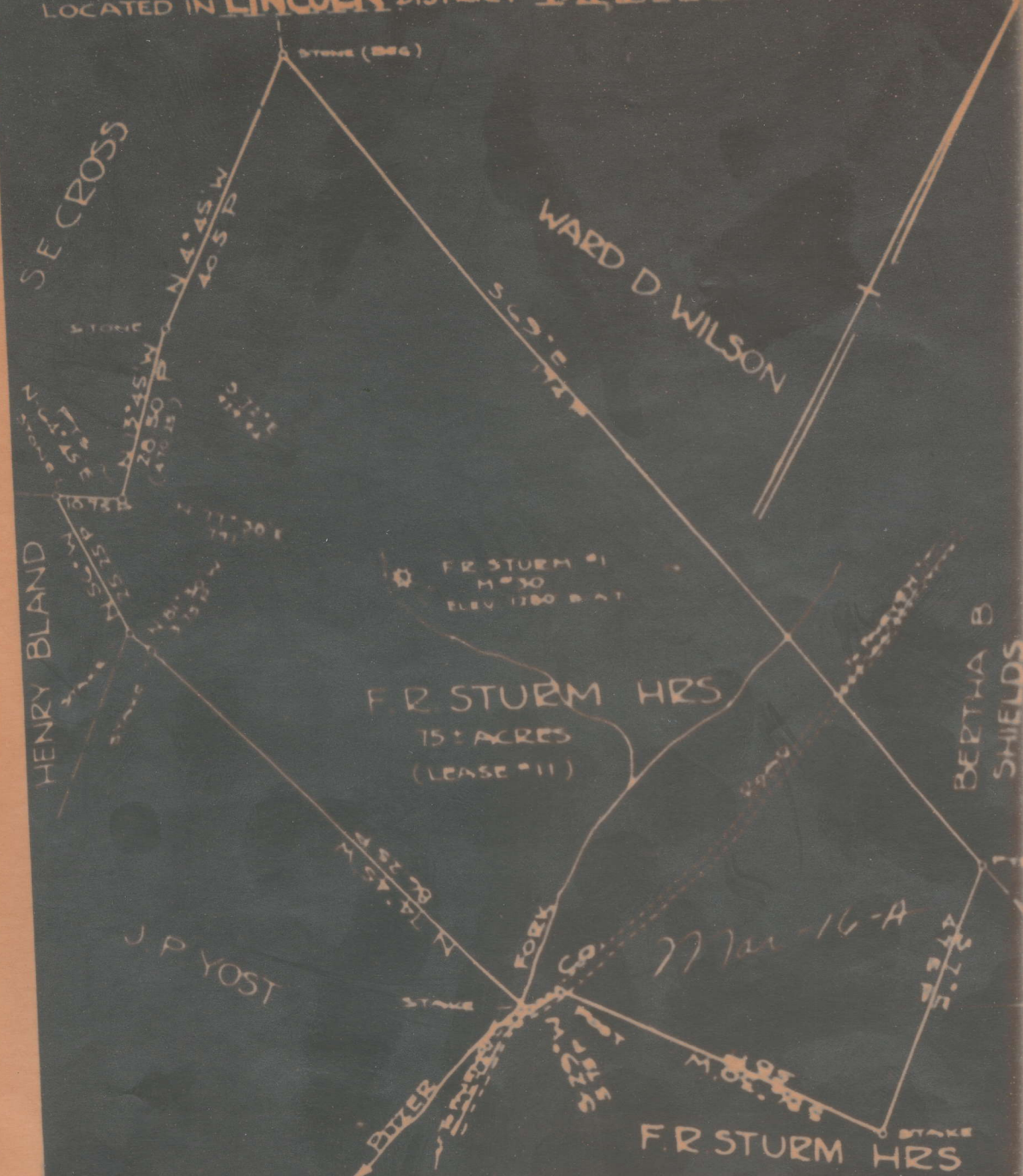
WELL RECORD

OIL AND GAS DIVISION

DEPARTMENT OF MINES



F. R. STURM HRS. FARM CONSISTING OF 75± ACRES
LOCATED IN LINCOLN DISTRICT MARION COUNTY.



ENGINEER'S CERTIFICATE

I, THE UNDERSIGNED HEREBY CERTIFY THAT THIS MAP IS CORRECT AND SHOWS ALL THE INFORMATION TO THE BEST OF MY KNOWLEDGE AND BELIEF, REQUIRING BY THE MINING LAWS OF WEST VIRGINIA.

27 Jan 16 A

MONONGAHELA WEST PENN PUBLIC SERVICE CO.

See back

GAS DEPT
WELL RECORD

No. _____ Well No. 30
 Well #1 Drilled on F. R. Sturm Farm of 75 Acres situate in
 Lincoln Dist. ~~Marion~~ Marion County—State W. Va. Lease No. 11

RIG	WELL
Commenced _____	Location Made _____
Completed _____	Commenced Drilling _____
Contractor _____	Completed " September 4, 1910
Work Order No. _____	Contractor _____
	Drillers _____

ROCK FORMATION	TOP	BOTTOM	REMARKS	PRESSURE AND VOLUME	
Conductor				1 Minute	Lbs.
Mapletown Coal	440	448		2 "	"
Pittsburgh Coal	550	559		3 "	"
Little Dunkard	950	970		4 "	"
Gas Sand	1300	1350		5 "	"
1st Salt Sand	1400	1450		10 "	"
2nd Salt Sand	1540	1600		15 "	"
Maxton Sand	1700	1740		30 "	"
Little Lime	1810	1818		1 Hour	"
Pencil Cave	1818	1825		24 " 480#	"
Big Lime	1823	1893		Rock	"
Big Injun	1893	2033	Gas-2008	Size of Tubing	Inch
Berea				Size of Casing	"
Gants Sand	2325	2350		Vol. by Water	
30 ft. Sand	2500	2580		" " Mercury	
30 Ft. Sand	2600	2640		" " Pressure	
Gordon Stray	2760			Open Flow 1,400,000 Cu. Ft.	
Gordon Sand	2775			CONNECTED TO MAIN LINE	
4th Sand	No 4th Sand				
* 5th Sand	2940		1st Gas-2940 2nd Gas-3060	length of Line	Feet
Bayard Sand				Size of Line	Inch
Elizabeth				DISCONNECTED FROM LINE	
Speckley					
Bradford				Notified Lessor	
				Abandoned	
* Main Producing Sand				Repacked	
				With Feet Tubing	
Total Depth 2974		Feet at \$ _____		per Foot \$ _____	

CASING RECORD

	SIZE	CHARGED		PUT IN WELL		PULLED		LEFT IN WELL		TRANSFERRED		LEFT AT WELL	
		Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches
Casing	10"			570	(Estimated)			Pulled					
"	8 1/2"			1553				1553					
"	6-5/8"			1825				1825					
Tubing	2"			2974				2974					

Casing Cemented in Well _____ by _____ Company Employee

PACKER

WELL

KIND	SIZE	FEET SET AT		DATE	BY	QUARTS	DEPTH
Anchor	6-5/8" x 2"	2945		Apr. 1919		10	2963
"	6-5/8" x 2"	2558		"		10	2947

HISTORY OF WELL.

This well was originally tubed with 3". The well was cleaned out and shot on April 14, 1919 with 20 quarts of Nitro-glycerine increasing the open flow from 12/10 water in 2" to 21/10 water in 2". The tops of the first and second shells were 2963 and 2947 feet respectively. (Each pay being shot with 10 quarts). The well was retubed with 2947 feet of 2".

NOTICE OF INTENTION TO PLUG AND ABANDON WELL
(REQUIRED BY SECTION 5, CHAPTER 26, ACTS 1929)
WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS SECTION

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

Monongahela West Penn
Public Service Company

Keystone Coal & Coke Co. (Pitts. Coal)
COAL OPERATOR

Fairmont, W. Va.
COMPLETE ADDRESS

Greensburg, Pa.
ADDRESS

March 28, 1930
WELL TO BE ABANDONED

Laurel Run Coal Co. (Sawickley Coal)
COAL OPERATOR

William Swiger, Secretary
Fairview, W. Va.
ADDRESS

Lincoln District

Marion County

Mrs. Minnie Sturm (All other coals)
COAL OPERATOR

Fairview, W. Va.
ADDRESS

Well No. M #30

F. R. Sturm Heirs' Farm

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence the

work of plugging and abandoning said well on the 7th day of April, 1930, (which date shall be not less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by law.

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,
Monongahela West Penn Public Service Co.

By Gustave
Manager Well Operator.

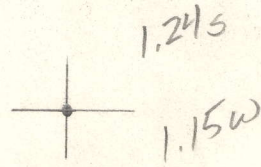
NOTE: Upon the abandonment of all wells drilled prior to June 1, 1929, a plat prepared by a competent engineer, showing the district and county in which the tract of land is located, the name and acreage of same, the name of the owner of adjacent tracts, and the location of the about to be abandoned well, determined by survey, and the common and approved name of such well from two permanent points or landmarks on said tract, shall be submitted with this notice.

OK
C.L.L.
7/7

APR - 2 1930

Discontinued Well (see letter)

LATITUDE 39 35



LONGITUDE 86 12 30

7'5 OGIS topo location

7.5' loc _____ 15' loc _____
 (calc.) _____

Company _____

Farm FR STORM HEIRS M#30

Quad GRANT TOWN

County MARION

District LINCOLN

WELL LOCATION MAP

File No. 30016