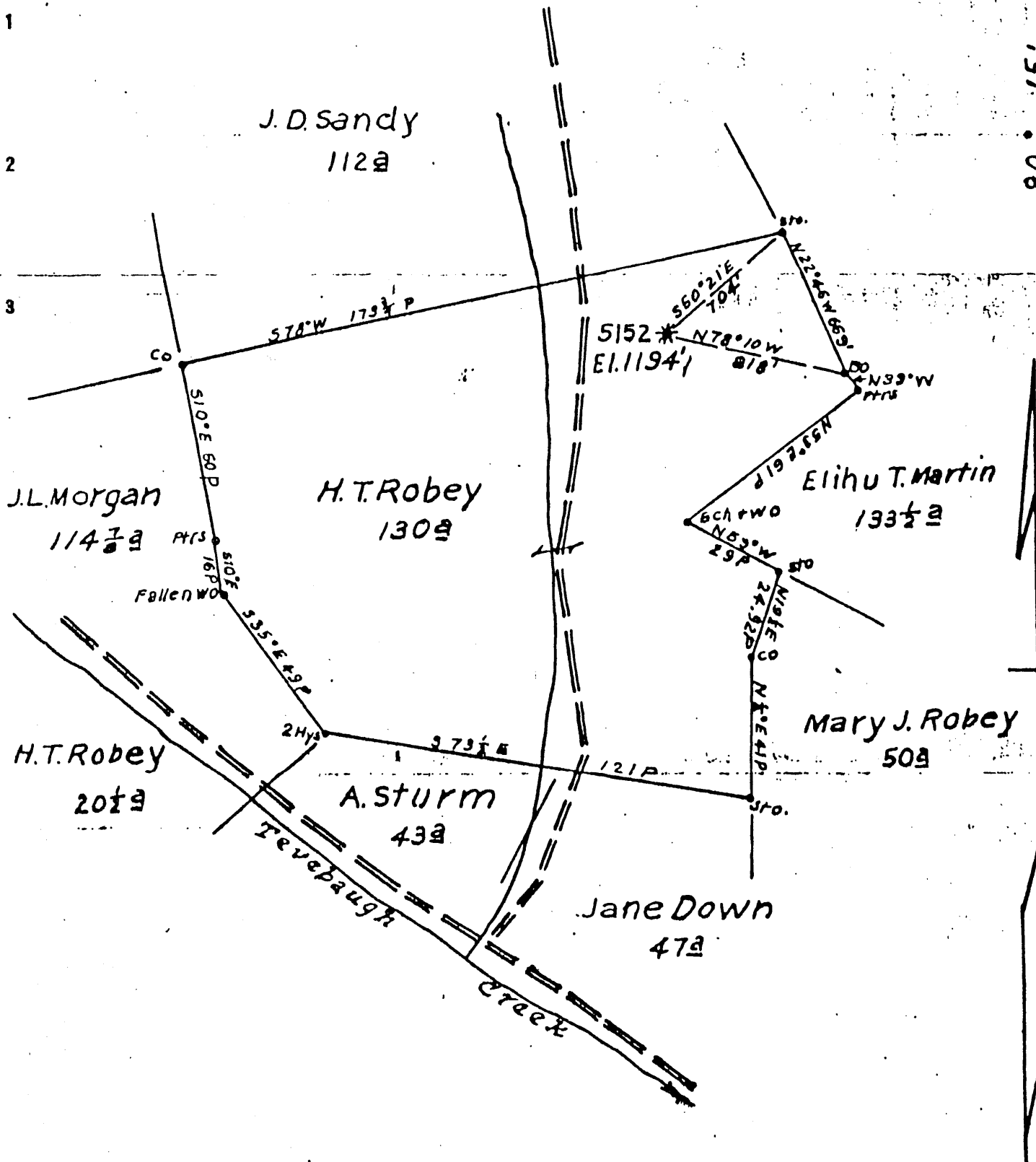


+ 5.9

Longitude 80° 15'



New Location...
 Drill Deeper.....
 Abandonment..... **Partial**

Map Sh. 30 N 3 W 17 F. B. 939 P. 5-6

Company	<u>Hope Natural Gas Co.</u>
Address	<u>Clarksburg, W. Va.</u>
Farm	<u>H. T. Robey</u>
Tract	Acres <u>130</u> Lease No. <u>4963</u>
Well (Farm) No.	Serial No. <u>5152</u>
Elevation (Spirit Level)	<u>1194'</u>
Quadrangle	<u>Clarksburg</u>
County	<u>Marion</u> District <u>Lincoln</u>
Engineer	<u>Wm Bowers</u>
Engineer's Registration No.	<u>900</u>
File No.	Drawing No.
Date	<u>8-11-49</u> Scale <u>1" = 40 P</u>

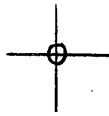
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. 049-0393

+ 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 39° 30'



80° 17' 30"

LONGITUDE

7'5 OGIS topo location

7.5' LOC	<u>0.625</u>	15' LOC	_____
	<u>1.09W</u>	(calc.)	_____

Company _____

Farm _____

Elevation 1194

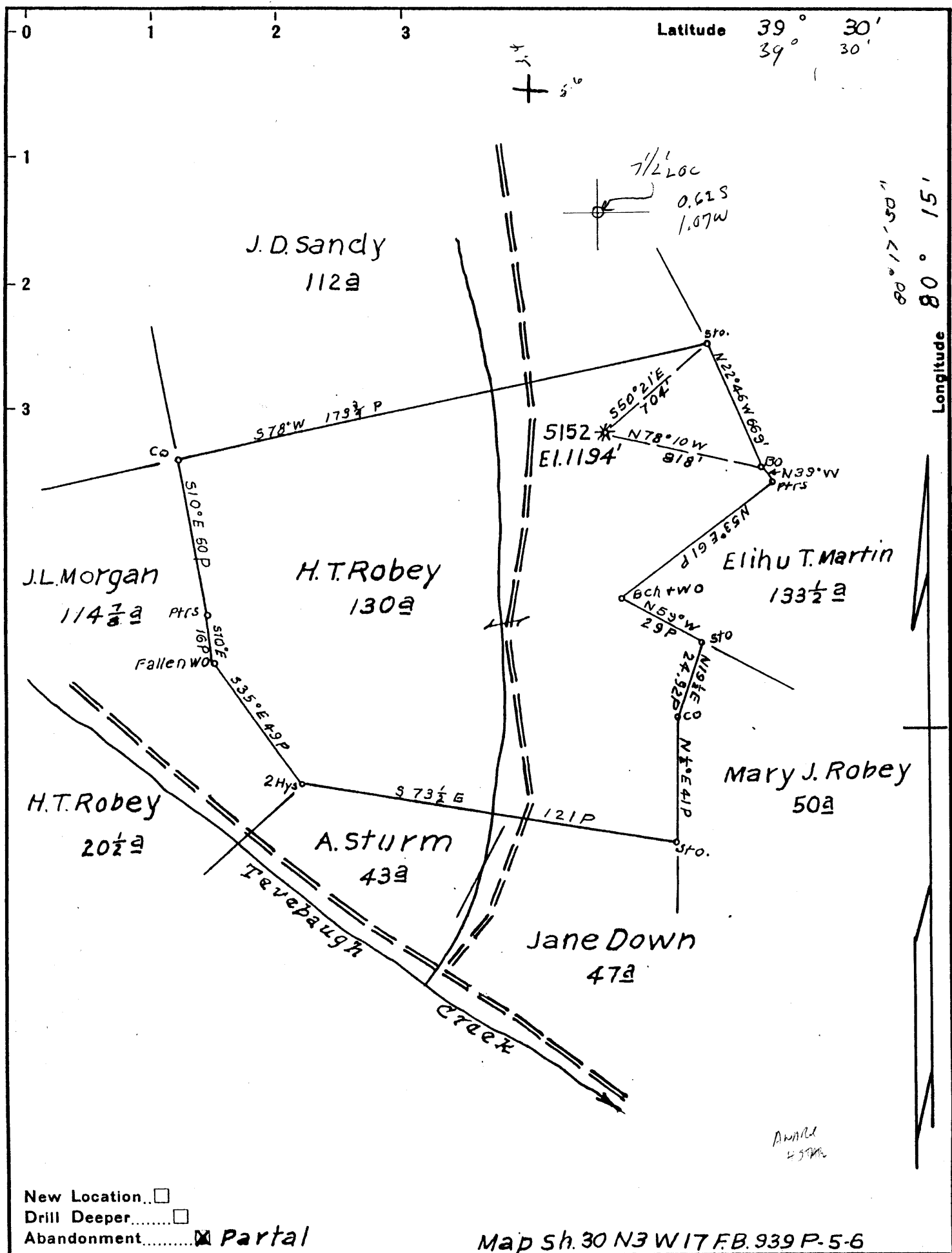
Quad SHINNSTON 7 1/2'

County MARION

District LINCOLN

WELL LOCATION MAP

File No. 049-393



New Location...
 Drill Deeper...
 Abandonment... *Partial*

Map Sh. 30 N3 W17 E.B. 939 P-5-6

Company Hope Natural Gas Co.
 Address Clarksburg, W.Va.
 Farm H.T. Robey
 Tract _____ Acres 130 Lease No. 4963
 Well (Farm) No. _____ Serial No. 5152
 Elevation (Spirit Level) 1194'
 Quadrangle Clarksburg SHANNON 7 1/2'
 County Marion District Lincoln
 Engineer Wm Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 8-11-49 Scale 1" = 40 P

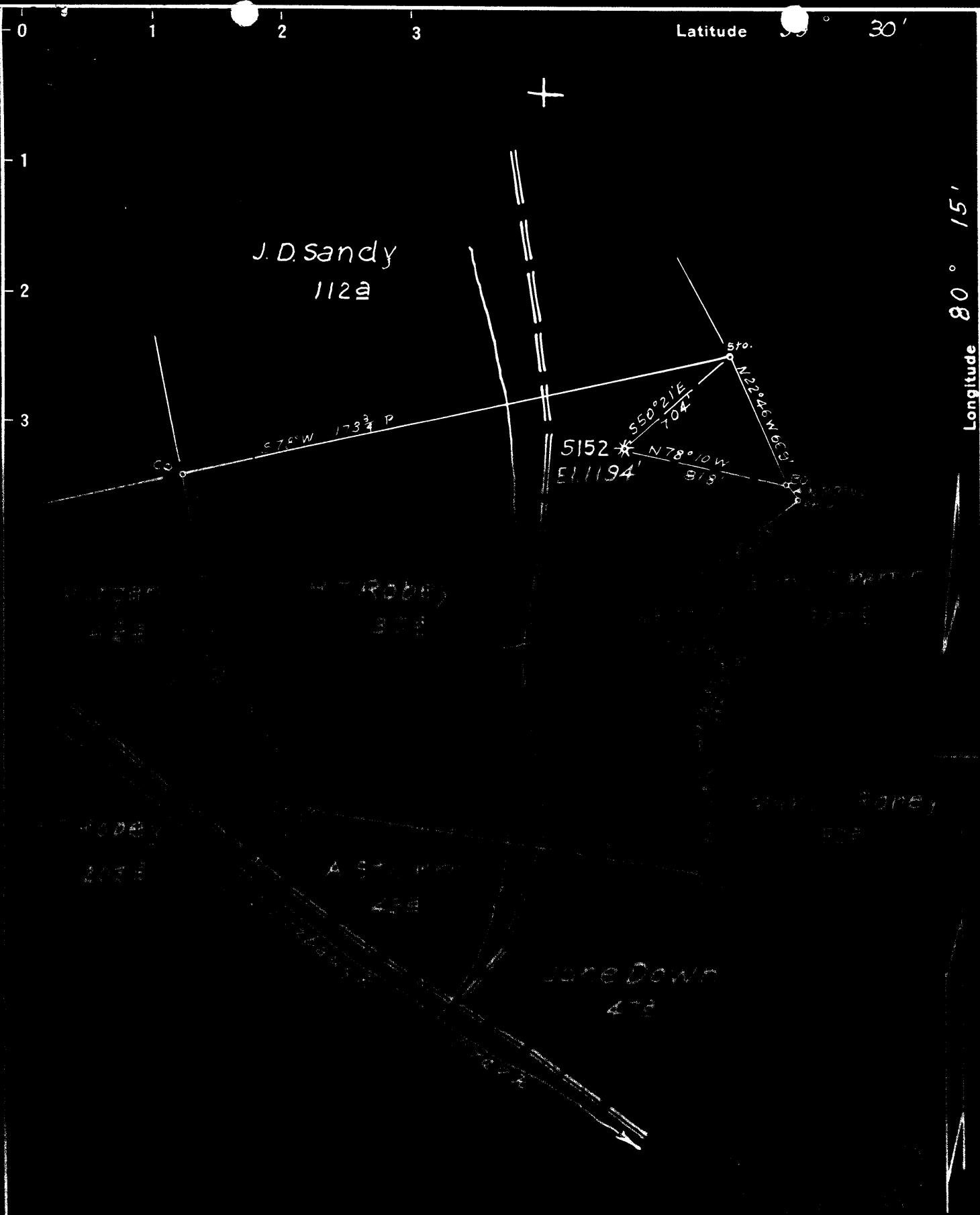
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. MAR-649-A

REISSUED AS: MAR-393

+ 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 **x Partial**

Map Sh 30 N3 W17 FB 935 P-5-6

Company	<i>Hope Natural Gas Co.</i>
Address	<i>Clarksburg, W. Va.</i>
Farm	<i>H. T. Robey</i>
Tract	Acres <i>130</i> Lease No. <i>4963</i>
Well (Farm) No.	Serial No. <i>5152</i>
Elevation (Spirit Level)	<i>1194'</i>
Quadrangle	<i>Clarksburg</i>
County	<i>Marion</i> District <i>Lincoln</i>
Engineer	<i>Wm Bowers</i>
Engineer's Registration No.	<i>900</i>
File No.	Drawing No.
Date	<i>1-11-49</i> Scale <i>1" = 40 P</i>

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

WELL LOCATION MAP
 FILE NO. *MAR-649-A*

+ 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

Quad: Clarksburg

Permit No. MAR-393

WELL RECORD

Oil and Gas Well (KIND)

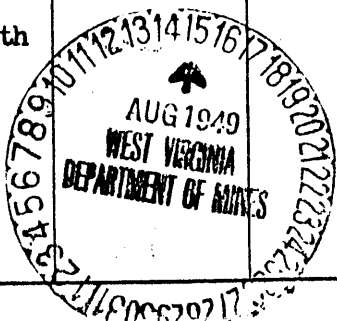
Company Hope Natural Gas Company.
Address 445 West Main St., Clarksburg, W. Va.
Farm H.T. Robey Acres 130
Location (waters) _____
Well No. 5152 Elev. 1194
District Lincoln County Marion
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced May 6, 1918
Drilling completed Aug. 13, 1918
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water 1468 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			
10	591	591	Size of
8 1/2	1520	1520	
6 3/8	1878	1878	Depth set
5 3/16	2696	2696	
8			Perf. top
2	2970	2970	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 10 SIZE 591 No. Ft. 1918 Date

COAL WAS ENCOUNTERED AT 145 FEET 36 INCHES
252 FEET 60 INCHES 415 FEET 60 INCHES
534 FEET 72 INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			145	148			
Coal			252	257			
Coal			415	420			
Bitts. Coal			534	540			
Little Dunkard			902	917			
Big Dunkard			992	1140			
Gas sand			1240	1290			
First Salt			1312	1380			
Second Salt			1457	1507	water	1468	
Little Lime			1833	1841			
Pencil cave			1841	1846			
Big Lime			1846	1901			
Big Injun			1901	2003	gas	1973 78	
Squaw			2014	2033	gas	2015	
Berea			2095	2135			
Gantz			2327	2343	gas		
Fifty foot			2457	2556	gas	2469	
Thirty foot			2570	2592			
Gordon stray			2695	2713			
Gordon			2718	2741			
Fourth			2763	2781			
Fifth			2918	2937	gas	2920	
Total depth				2970			



*1970 Perm
5137.570*



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

735

WELL RECORD

Permit No. 049-A

591 Gas Well (KIND)

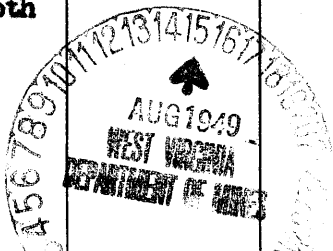
Company Hope Natural Gas Company.
Address 445 West Main St. Clarksburg, W. Va.
Farm H.T. Robey Acres 130
Location (waters) _____
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Volume _____ Cu. Ft.
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Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water 1468 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	<u>591</u>	<u>591</u>	Size of
8 1/4	<u>1520</u>	<u>1520</u>	
6 5/8	<u>1878</u>	<u>1878</u>	Depth set
5 3/16	<u>2696</u>	<u>2696</u>	
3			Perf. top
2	<u>2970</u>	<u>2970</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 10 SIZE 591 No. Ft. 1918 Date _____

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Big Lime			1846	1901			
Big Injun			1901	2003	gas	1973 78	
Squaw			2014	2033	gas	2015	
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Gantz			2327	2343	gas		
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Gordon stray			2695	2713			
Gordon			2718	2741			
Fourth			2763	2781			
Fifth			2918	2937	gas	2920	
Total depth				2970			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date August 11, 1949., 19

APPROVED Hope Natural Gas Company., Owner

By _____

(Title) JKM