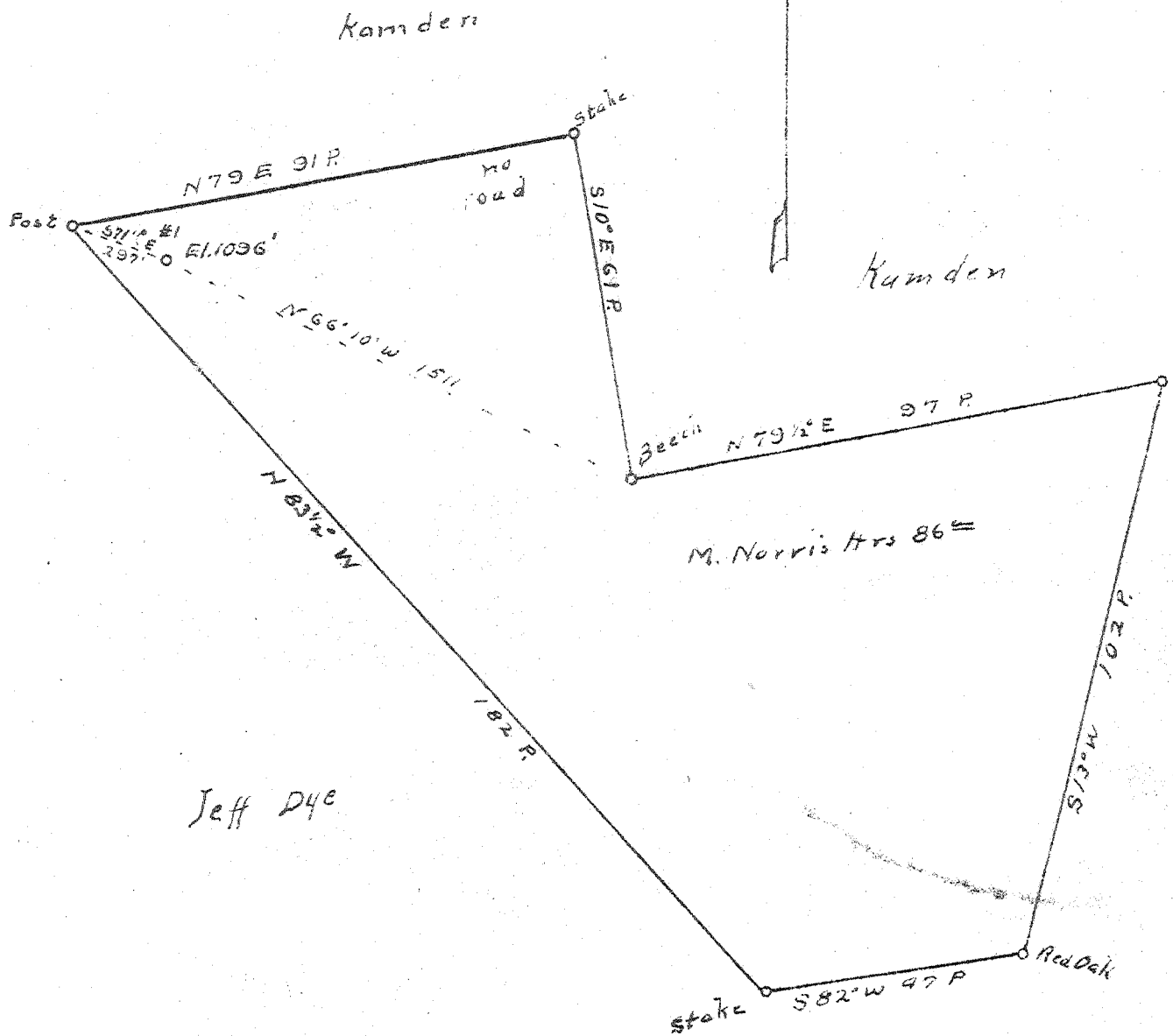


+ 0.745
344W



New Location
 Drill Deeper
 Abandonment

Company Bowser Gas and Oil Co.
 Address Union Trust Bg. Parkersburg, W. Va.
 Farm Milton Norris Trs
 Tract _____ Acres 86 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1096'
 Quadrangle Arnoldsburg
 County Calhoun District Center
 Engineer C. Meredith
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date May 7 1948 Scale _____

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

WELL LOCATION MAP
 FILE NO. CAL-234-B

+ 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.



400

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

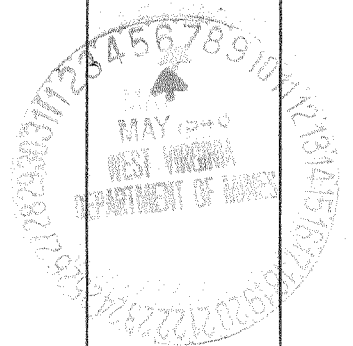
Permit No. 2044 Oil or Gas Well gas (KIND)

Company Bowser Gas & Oil Co.
Address Box 1518, Parkersburg, W. Va.
Farm Milton Norris Heirs Acres 10 *
Location (waters) Yellow Creek
Well No. 1 (one) Elev. 1096
District Center County Calhoun
The surface of tract is owned in fee by Milton Norris Heirs Address Big Springs
Mineral rights are owned by same Address _____
Drilling commenced 7 July 1904
Drilling completed 3 August 1904
Date Shot none 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 _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	<u>#880</u>	<u>#880</u>	Size of
8 3/4	<u>1080</u>	<u>1080</u>	
6 5/8			Depth set
5 3/16	<u>1837</u>	<u>1837</u>	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Dunkard			1070	1100			
1st salt			1550	1600	gas	1580	
Maxon			1810	?	gas	?	
Injun			1995	2043			
Berea			2412	2420			
Well was originally drilled to 2500 then was filled up to 1895, which is the present total depth. ϕ 5 3/16" casing was split at 1580 and has perforations from 1837 to 1817.							
*This lease is 10 acres surrounding well in a tract of 86 acres as shown on plat.							



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

Date 27 April, 1948

APPROVED Bowser Gas & Oil Co., Owner

By Queen P. Bowser
Manager (Title)