

39° 27' 30"

Latitude



100, 51, 08

Longitude

Topo Location

7.5' Loc.	<u>1.965</u>	15' Loc.	<u>4.845</u>
	<u>1.78W</u>	(calc.)	<u>1.78W</u>

Company H. N. G. Co. # 1640

Farm Henry A. Davis

15' Quad Chickney (NE)  
(sec.)

7.5' Quad Sherrinton

District Clay

WELL LOCATION PLAT

County 033 Permit 1311

Record of *W. J. Stortz*  
 No. *1640*  
 Located on *Henry Shavers*  
 District *Harrison* County *W. Va.*  
 Location made *March 10-10* First work done *March 26-10*  
 Commenced *March 26-10* Rig Completed *April 1-10*  
 Drilling Commenced *April 2-10* Drilling Completed *May 26-10*  
 Contractor *H. W. Y. Co.* (Drilling Contractor *H. W. Y. Co., Coal, Spring No. 1*)  
 Operators *J. B. Blow, O. L. (Nicholson)*  
 Dressers *W. J. Stortz, N. X. Hall*

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found	Gas or Oil	REMARKS
Coal						
Pittsburgh Coal	290	290	290-297			
Dunkard	450	660				
Dunkard	770	910				
Sand	910	930				
Salt	1070	1160				
and Salt	1180	1260				
	1604	1634				
Lime	1634	1640				
limestone	1640	1703				
limestone	1703	1788	1703-1788			
limestone	1820	1930				
	2170	2200	2170-2200			
limestone	2210	2248	2210-2248			
limestone	2380	2400	2380-2400			
limestone	2410	2420	2410-2420			
limestone	2628	2687	2628-2687			
limestone	2664	2689	2664-2689			
						Yes 4/10 Water 260 ft
						Well shut with 6 Cts. in Fifth
						Used 1-10x10 S.D. Flange in bottom of 10" Csg.
TOTAL DEPTH		2709	2709			

WELL BOOK .....  
 LEASE RECORD .....  
 WALL DOCKET .....  
 LINE MAP .....  
 LOCATION BOOK .....  
 CONTRACTOR'S PLAT .....  
 TITLE .....  
 ENTERED  
 G. W. Y. Co.  
 2-28-10

CASING RECORD										PACKER RECORD				
Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred before Completing		Left at Well Not in Use		Size	KIND	Depth
Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.			Feet
0	408	10	360			360				43	10	6 7/8 x 11	Bottom hole	1703
3 1/2	1527	1	1362			1362				165	1			
7 1/2	1834	11	1518			1718				116	11	Steel line		
1 1/2	2347	11								2347	11	man.		

Note.—If 10" casing cemented, so state, and at what depth *10" Csg. cemented from bottom to top of hole*

When tubed note size and amount of tubing

When more than two strings of casing are left in hole give reasons for leaving additional strings *10" Csg. left in Sect. of Outtsburg coal*

Steel line measurements should be made of Top and Bottom of Pittsburgh coal and all the principal sands.  
 Under Remarks note if any of principal sands are not found and if any peculiarities in sands, as looser or harder than ordinary, etc.  
 If any coal other than native or Pittsburgh be found, give steel line measurements of Top and Bottom and nature of coal.  
 Note if water found is fresh or salt.

Approved by  
*J. Nicholson*  
 Foreman

Well No. 1640

## REPAIR RECORD

Lawton District

Farm Name Henry S. Davis

N. S. &amp; E. 18 W.

Repairs Commenced June 14, 1945

Repairs Completed September 15, 1945

## CASING AND TUBING RECORD

Size	Before Repairs	Pulled	Put In Well	After Repairs	Disposition of Amount Pulled
10"	365'	none	none	365'	
8"	1362'	"	"	1362'	
6-5/8"	1718'	"	"	1718'	
5-3/16"	none	"	2656'	2656'	
3"	297'	297'	none	none	
2"	2432'	2432'	"	"	

## SHOOTING RECORD

Date	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT			TEST AFTER SHOT			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		
				Not Shot									

## RECORD OF ANY DEEPER DRILLING

Formation	Top	Bottom	Names of Drillers		Time (Days)	
			John M. Cowell			
Commenced drilling at depth of			Names of Tool Dressers		Time (Days)	
Cleaned out and ran 3tg. 5-3/16" casing on 5-3/16 X 6-5/8" Disc. Wall Packer and shut in on 5-3/16" casing.			Rector H. Wade			
5-3/16" casing shoe on bottom of 5"			PACKER RECORD (ALSO NOTE BELOW IF ANY PACKERS ARE PULLED)			
			Size	Kind	Anchor	Amount Above Anchor
			5-3/16 X 6-5/8" Disc. Wall		22	2656
			Pulled Old 2" Packer frame (steel line)			
OIL AND GAS DISCOVERIES IN DEEPER DRILLING						
			Oil at		Ft. In	Sands
			Gas at		Ft. In	Sands
Total Depth	S.L.	2709'				

## VOLUME AND PRESSURE REPORT

## BEFORE REPAIRS

Reading	Liquid	Opening	Rock or Minute Pressure	Sands Gas From
8/10	Water	21 (21,300')	100	Fifth

## AFTER REPAIRS

## VOLUME TEST

Date of Test	Flow Meter or Open Flow	Size of Opening	PITOT TUBE		OPEN FLOW	Sands Gas From
			Reading	Liquid Used		
11-1945	F.	1	29/10	Water	40,535	Fifth
Time Blown						

## PRESSURE TEST

Date of Test	Opening	1 Min.	2 Min.	3 Min.	4 Min.	5 Min.	6 Min.	7 Min.	8 Min.	9 Min.	10 Min.	30 Min.	60 Min.	Hrs.	Rec.
11-45	5" Casing	0	0	0	4	5	6	8	8	9	10	24	45	24	22
	" Tubing														

OIL: From \_\_\_\_\_ Sand \_\_\_\_\_

Estimated Production \_\_\_\_\_ Bbl. per Day \_\_\_\_\_

Remarks: \_\_\_\_\_

H. S. Martin

District Superintendent

033-1311