

New Location
 Drill Deeper
 Abandonment

Company KOONTZ & OSBORNE
 Address CLENDENIN, W. VA.
 Farm SARAH C. OSBORNE
 Tract Acres 161 Lease No. F-2411
 Well (Farm) No. 2, 3, 4 & 5 Serial No. F-2433
 Elevation (Spirit Level) SEE ABOVE F-5886
 Quadrangle CLENDENIN, F-7956
 County KANAWHA District BIG SANDY
 Engineer PAUL E. JOACHIM
 Engineer's Registration No. 669
 File No. 76-67 Drawing No.
 Date MARCH 11, 1951 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. SEE ABOVE

+ 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.

- KAN - 822-A-#2
- KAN - 823-A-#3
- KAN - 824-A-#4
- KAN - 827-A-#5

SARAH C. OSBORNE MAS. 2 - (F-2411) Koontz & Osborne KAN-822-73-74-A
 3 - (F-2433) - (Early Prod. Section) KAN-823-A
 4 - (F-5886) - (Early Prod. Section) KAN-824-A
 5 - (F-7956) - (Early Prod. Section) KAN-827-A

SARAH C. OSBORNE NO. 4 WELL.

Big Sandy District, Kanawha County, W. Va.
 By Valley Steel Products Co., St. Louis, Mo.
 Abandoned under permit Kan-.....-A?
 On 161 acres, on Vincie Fork.
 Elevation, 1165' L.
 Drilling completed March 22, 1924.
 13" conductor, 16'; 8½" casing, 587' (pulled); 6⅝", 1853'; 2" tubing,
 2240'.
 6⅝" steel shoe. P. Mac. Co. packer, 6⅝".
 Little water at 1030'. Big water, 1345'.
 Gas well. Record to Dept. of Mines stamped March 13, 1951.
 Record to RCT from Mrs. Griffith Nov. 28, 1951. Old File No. 1608.

	Top.	Bottom.
Conductor	0	16
Red rock	16	230
Sand	230	490
Slate	490	573
Coal	573	578
Sand	578	825
Slate and shell	825	1030
Coal	1030	1033
Sand	1033	1275
Slate and shell	1275	1315
Salt Sand	1315	1410
Slate	1410	1415
Sand	1415	1620
Slate and shell	1620	1670
Sand	1670	1705
Slate	1705	1725
Lime	1725	1740
Slate	1740	1745
Maxton Sand	1745	1798
Slate	1798	1800
Little Lime	1800	1827
Slate	1827	1830
Lime shell	1830	1845
Pencil	1845	1848
Big Lime	1848	1916
Big Injun Sand (gas, 1916-1964')	1916	1984
Slate and shell	1984	2003
Red rock	2003	2008
Slate and shell	2008	2047
Weir Sand (1st gas, 2105-2108'; 2nd gas, 2143-2155')	2047	2209
Slate	2209	2227
Total depth		2227



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1508

Permit No. KAN-824-A

WELL RECORD

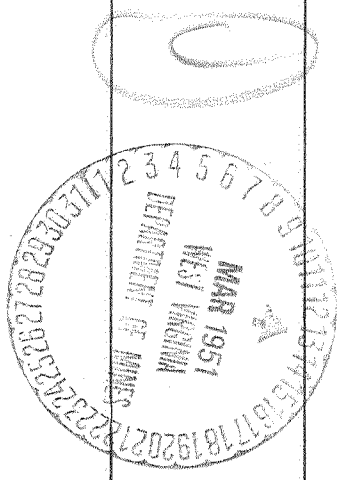
Oil or Gas Well _____
(KIND)

Company Valley Steel Products Company
Address St. Louis, Mo.
Farm Sarah C. Osborne Acres 161
Location (waters) Vinsie Fork
Well No. 4 Elev. 1165'
District Big Sandy County Kanawha
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced _____
Drilling completed March 22, 1924
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 _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	Conductor	16	P. Mac. Co. Packer
10			Size of <u>6-5/8"</u>
8 1/4	587	pulled	
6 5/8	1853	1853	Depth set
5 3/16			
3			Perf. top
2	2240	2240	Perf. bottom
Liners Used			Perf. top
<u>6-5/8" steel shoe</u>			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
Conductor			16				
Red Rock			16	230			
Sand			230	490			
Slate			490	573			
Coal			573	578			
Sand			578	825			
Slate & Shell			825	1030			
Coal			1030	1083	Little water at 1030'		
Sand			1033	1275	Big Water, 1345'		
Slate & shell			1275	1315			
Salt Sand			1315	1410			
Slate			1410	1415			
Sand			1415	1620			
Slate & Shell			1620	1670			
Sand			1670	1705			
Slate			1705	1725			
Lime			1725	1840			
Slate			1740	1745			
Maxon Sand			1745	1798			
Slate			1798	1800			
Little Lime			1800	1827			
Slate			1827	1830			
Lime shell			1830	1845			
Pencil			1845	1848			
Big Lime			1848	1916			
Injun Sand			1916	1984	Gas in Injun 1916 to 1964		
Slate & shell			1984	2003			
Red Rock			2003	2008			
Slate & shell			2008	2047			
Weir Sand			2047	2209	1st Gas in Weir 2105 to 2108		
Slate			2209	2227	2nd Gas in Weir 2143 to 2155		
Total Depth				2227			



NOV 28 1951