

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,
 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.

6-0220

SARAH C. OSBORNE MAS. 2 - (F. 2411) 3 - (F. 2433) 4 - (F. 5886) 5 - (F. 7956) - Koontz & Osborne (Gally Abel Products) - KAN-822-A-#2 KAN-823-A-#3 KAN-824-A-#4 KAN-827-A-#5

B. W. JARRETT (SARAH OSBORNE) NO. 5 WELL.

Big Sandy District, Kanawha County, W. Va.
 By Valley Steel Products Co., St. Louis, Mo.
 Abandoned under permit Kan-.....-A1
 On 161 acres, on ridge between Leatherwood and Mill Hollow.
 Elevation, 957' L.
 Drilling commenced Feb. 24, 1938; completed April 16, 1938.
 13" casing, 18' 6"; 10", 60'; 8", 608'; 6", 1785'; all left in.
 Two bailers water at 1275'; hole full, 1305'.
 Gas, 1190-1193', 3/10 Merc. in 2". Gas, 1893', 20/10 W. in 1".
 Gas, 2040-2042', 38/10 W. in 1". Gas, 2052-2054', 54/10 W. in 1".
 Gas, 2090-2093', 86/10 W. in 1".
 Gas well. Record to Dept. of Mines stamped March 21, 1951.
 Record to ROT from Mrs. Griffith Nov. 28, 1951. Old File No. 1604.

	Top.	Bottom.
Red rock (conductor, 18 $\frac{1}{2}$ ')	0	80
Slate	80	115
Sand	115	130
Slate	130	245
Sand	245	350
Slate	350	390
Sand	390	410
Slate shells	410	495
Sand	495	550
Slate shells	550	630
Sand	630	735
Slate and shells	735	1120
Sand	1120	1189
Break	1189	1190
Salt Sand	1190	1355?
Slate	1345?	1350
Lime	1350	1380
Sand	1380	1535?
Slate and shells	1532?	1575
Sand	1575	1625
Slate	1625	1635
Lime	1635	1655
Maxton Sand	1655	1704
Little Lime	1704	1734
Slate	1734	1738
Lime shells	1738	1756
Pencil Cave	1756	1759
Big Lime	1759	1881
Big Injun Sand	1881	1907
Slate and shells	1907	1920
Red rock	1920	1945
Slate and shells	1945	1968
Weir Sand	1968	2125
Lime shells	2125	2153
Total depth		2153



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1504

WELL RECORD

Permit No. KAN-827-A

Oil or Gas Well (KIND)

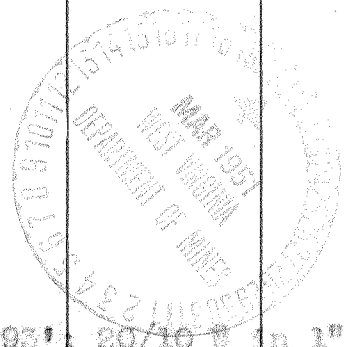
Company Valley Steel Products Company
 Address St. Louis, Mo.
 Farm B. W. Jarrett (Sarah Osborne) Acres 101
 Location (waters) Ridge between Leatherwood & Mill
 Well No. 5 Elev. 957.1
 District Big Sandy County Kanawha
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced February 24, 1938
 Drilling completed April 16, 1938
 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			
16			Kind of Packer
13	18'6"	18'6"	
10	60'	60'	Size of
8 1/4	608'	608'	
6 5/8	1785'	1785'	Depth set
5 3/16			
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
Conductor			18'6"				
Red Rock			0	80			
Slate			80	115			
Sand			115	130			
Slate			130	245			
Sand			245	350			
Slate			350	390			
Sand			390	410			
Slate shells			410	495			
Sand			495	550			
Slate shells			550	630			
Sand			630	735			
Slate & shells			735	1120			
Sand			1120	1189			
Break			1189	1190			
Salt Sand			1190	1355			two bailers water 1275'; hole full, 1305'
Slate			1345	1350			Gas 1190 to 1193'; 3/10 Merc. in 2"
Lime			1350	1380			
Sand			1380	1535			
Slate & shells			1532	1578			
Sand			1575	1625			
Slate			1625	1635			
Lime			1635	1655			
Naxon Sand			1655	1704			
Little Lime			1704	1734			
Slate			1734	1738			
Lime Shells			1738	1756			
Pencil Cave			1756	1759			
Big Lime			1759	1981			
Injun Sand			1981	1907			Gas 1893'; 20/10 w in 1"
Slate & shells			1907	1920			
Red Rock			1920	1945			Gas; 38/10 in 1" 2040-2042
Slate & shells			1945	1968			Gas; 2052-2054; 54/10 in 1"
Weir Sand			1968	2125			Gas; 2090-2093; 80/10 w in 1"
Lime Shells			2125	2153			
Total Depth				2153'			



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