

Bench Mark Data:  
 U.S.G.S. Standard Disk stamped "C-97,1956,"  
 set in north wall of Junior High School building  
 at Sissonville. Elevation 630.0.

Accuracy of survey is within limits set by the Oil  
 & Gas Division, W. Va. Department of Mines.

"I, the undersigned, hereby certify that this map  
 is correct to the best of my knowledge and belief  
 and shows all the information required by para-  
 graph 6 of the rules and regulations of the oil and  
 gas section of the mining laws of West Virginia."

*John H. Burtrott*

New Location   
 Drill Deeper   
 Abandonment

Company ASHLAND OIL & REFINING CO.  
 Address ASHLAND, KENTUCKY  
 Farm KANAWHA VALLEY BANK UNIT  
 Tract \_\_\_\_\_ Acres 130 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. 4997  
 Elevation (Spirit Level) 835.5  
 Quadrangle KENNA 5C  
 County KANAWHA District POCA  
 Engineer John H. Burtrott  
 Engineer's Registration No. 1442  
 File No. 64-D Drawing No. \_\_\_\_\_  
 Date JAN. 16, 1969 Scale 1"=500'

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

WELL LOCATION MAP  
 FILE NO. Kan-2347

+ Denotes location of well on United States  
 Topographic Maps, scale 1 to 62,500, lat-  
 itude 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 WELLS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Kenna  
Permit No. KAN-2347

**WELL RECORD**

Oil or Gas Well Gas  
(KIND)

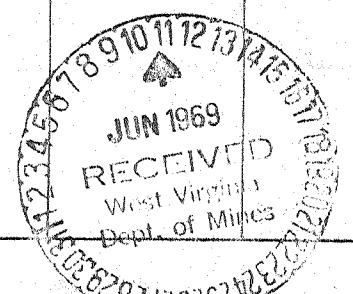
Company Ashland Oil & Refining Company  
Address P. O. Box 391, Ashland, Ky. 41101  
Farm Kanawha Valley Bank Unit Acres 261  
Location (waters) Grapevine  
Well No. 1 Elev. 855 K. B.  
District Poca County Kanawha  
The surface of tract is owned in fee by Mathew Kidd  
Box 568 Legg Rt. Address Sissonville, W. Va.  
Mineral rights are owned by Kanawha Valley Bank  
Charleston Address W. Va. 25301  
Drilling commenced February 13, 1969  
Drilling completed February 27, 1969  
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.  
WELL ACIDIZED (DETAILS)  
WELL FRACTURED (DETAILS) 3-5-69 w/500 gal. mud acid 800 bbls. treated water, 22,000% sand,  
Rate 24 BPM at 4174 psig. Pumped 55 gal. of Baroid B-11 Biocide ahead  
RESULT AFTER TREATMENT (Initial open flow or bbls.) CAOF by Isochronal test 4.3 MMCF/D 43,000,000  
ROCK PRESSURE AFTER TREATMENT HOURS Well Head 19697 psig Dead Weight.  
Fresh Water Feet Salt Water 1070 Feet  
Producing Sand Newburg Depth 5714-5728

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Cemented at 71'
13 3/8	52	52	Size of
10			Cemented at 1857'
8 5/8"	1838	1838	Depth set
6"			Cemented at 5668'
5 1/2"	5653	5653	Perf. top
4 1/2"			Perf. bottom
3		5722	Perf. top
2 3/8			Perf. bottom
Liners Used			

Attach copy of cementing record. 13 3/8 with 50 sx. 2-13-69  
CASING CEMENTED 8 5/8 SIZE 800 No. Ft. 2-19-69 Date  
Amount of cement used (bags) 5 1/2" with 100 sx 2-24-69  
Name of Service Co. Well Service, Dowell, Halliburton  
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	Remarks
Sand			0	84			
Red Rock			84	95			
Sand			95	213			
Sand & Shale			213	300			
Sand			300	360			
Sand & Shale			360	484			
Sand			484	780			
Sandy Shale			780	940			
Shale			940	1070			
Salt Sand			1070	1545			
Big Lime			1545	1734			
Injun Sand			1734	1790			
Shale			1790	1860			
Sand & Shale			1860	2250			
Shale			2250	4830			
Corniferous Lime			4830	4932			
Oriskany Sand			4932	4972			
Lime & Dolomite			4972	5714			
Newburg Sand			5714	5728			
Lime & Dolomite			5728	5738			
TD				5738			

*McKenzie*



5738  
4972  
766