

0.845
2.778

ACCURACY = ONE PART IN 200
 PROVEN ELEVATION = INTERSECTION OF RIGHT
 HAND FORK WITH LICK RUN ELEVATION 829 AT THIS PT.

- New Location .
- Drill Deeper
- Redrill
- Abandonment

"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 paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company <u>P. DOUGLASS FARR</u>	
Address <u>BOX 307 WEST UNION, W.VA.</u>	
Farm <u>S. B. SUTTON</u>	
Tract <u>A</u>	Acres <u>25</u> Lease No. <u>1104</u>
Well (Farm) No. <u>1 A</u>	Serial No. _____
Elevation (Spirit Level) <u>846'</u>	
Quadrangle <u>VADIS - N W 1 -</u>	
County <u>DODDRIDGE</u>	District <u>NEW MILTON</u>
Engineer <u>Henry A. Thomas</u>	
Engineer's Registration No. <u>2470</u>	
File No. _____	Drawing No. _____
Date <u>JAN. 8, 1965</u> Scale <u>1" = 500'</u>	

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

WELL LOCATION MAP

FILE NO. DOD-1217

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 9

Rotary
Spudder
Cable Tools
Storage

Quadrangle Vadis
Permit No. DOD-1217

WELL RECORD

Oil or Gas Well gas
(KIND)

Company P. Douglass Farr
Address West Union, W. Va.
Farm S. B. Sutton Acres 25
Location (waters) Lick Run
Well No. 1 Elev. 846
District New Milton County Doddridge
The surface of tract is owned in fee by S. B. Sutton
West Union, W. Va. Address.
Mineral rights are owned by S. B. Sutton
West Union, W. Va. Address.
Drilling commenced February 10, 1965
Drilling completed March 16, 1965
Date Shot none From To
With

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	40	40	
10			Size of
8 1/4	226	0	
6 5/8	841	0	Depth set
5 3/16			
x 4 1/2	1787 1/2	1787 1/2	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

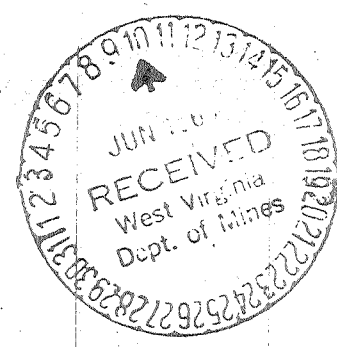
Open Flow _____ Inchs Water in _____ Inch
_____ Inchs More. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.

CASING CEMENTED yes SIZE 4 1/2 No. Ft. 377 1/2 Date
May 25, 1965. Gelled to surface.
Halliburton Company.
COAL WAS ENCOUNTERED AT none FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

WELL FRACTURED June 2, 1965 with 1047 bbl. water and 50,000 lb. sand 20-40.

RESULT AFTER TREATMENT 2,564 MCF gas
ROCK PRESSURE AFTER TREATMENT 507 lb.
Fresh Water none Feet _____ Salt Water none Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Mud & rock			0	40			
Lime			40	71			
Red rock			71	75			
Lime		hard	75	99			
Slate			99	110			
Lime			110	118			
Sand			118	145			
Slate			145	209			
Lime			209	220			
Slate & shells			220	272			
Lime		hard	272	287			
Slate			287	367			
Red rock			367	373			
Lime			373	402			
Red rock			402	430			
Broken lime			430	511			
Sand			511	522			
Lime	pink		522	538			
Red rock			538	555			
Lime			555	645			
Sand			645	676			
Slate & shells			676	748			
Gritty lime			748	820			
Slate			820	830			
Lime			830	852			
Sand			852	883			
Slate & shells			883	915			
Sand			915	945			
Slate			945	951			
Sand			951	1010			



(over)

Formation	Color	Hard or Soft	Top <i>9</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale	brown		1010	1025			
Gritty lime			1025	1051			
Slate			1051	1055			
Sand			1055	1090			
Slate			1090	1105			
Lime			1105	1120			
Sand			1120	1192			
Slate & shells			1192	1274			
Lime			1274	1369			
Slate & shells			1369	1391			
Gritty lime			1391	1430			
Slate & shells			1430	1445			
Lime			1445	1473			
Slate & shells			1473	1558			
Little lime			1558	1572			
Slate			1572	1580			
Broken lime			1580	1610			
Blue Monday			1610	1634	Gas	1612-1615	
					Oil show	1615-1621	
					Gas	1625-1628	
Lime, Big			1634	1691			
Injun Sand		hard	1691	1735			
Injun Sand		soft	1735	1760			
IX Lime	black	hard	1760	1766			
Lime, slate & shells	black		1766	1800			
Total depth				1800			

Date June 8, 19 65

APPROVED P. Douglas East Owner

By _____ (Title)