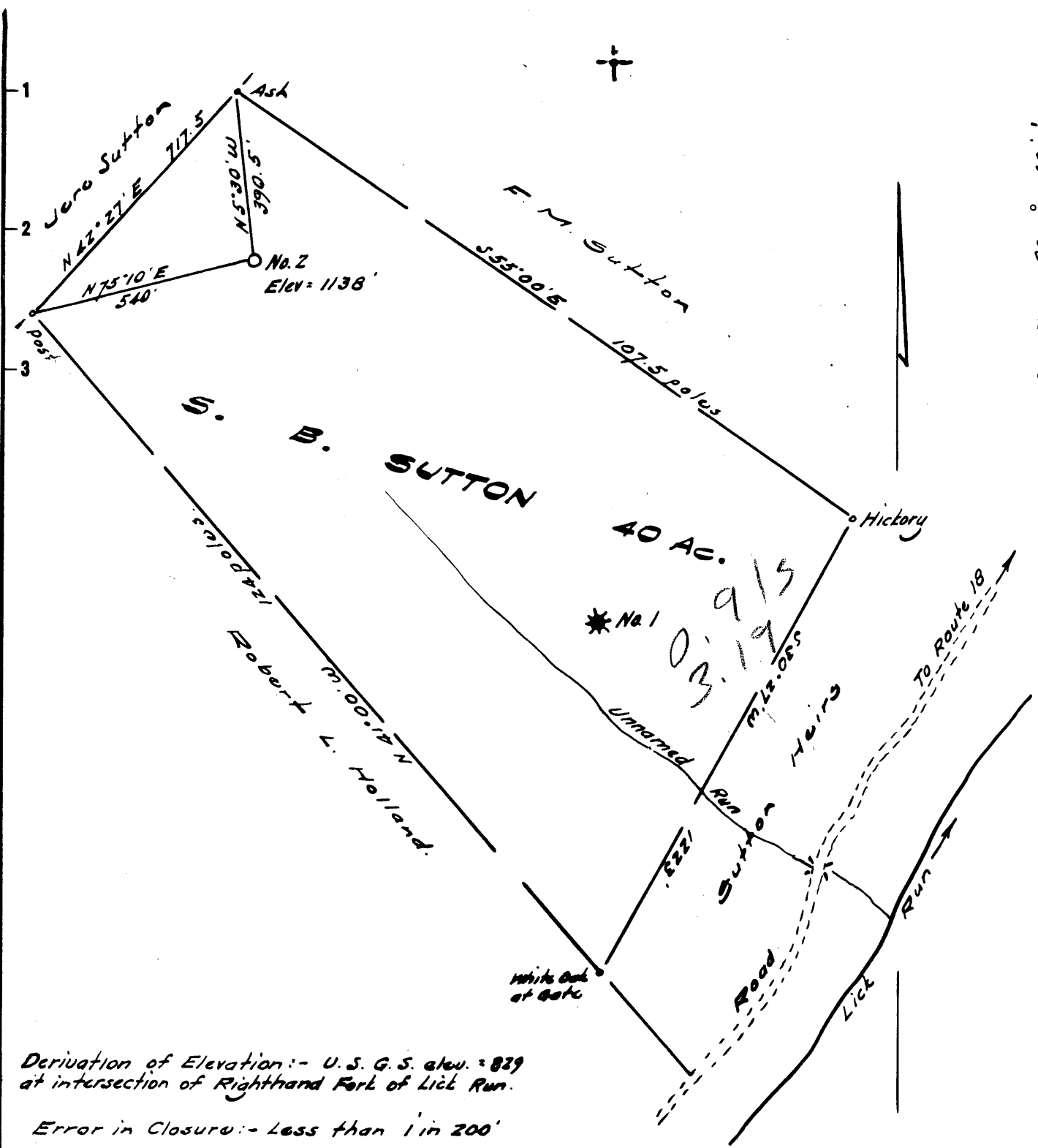


Latitude 39° 15'

Longitude 80° 40'



Derivation of Elevation:- U.S. G.S. elev. = 829
 at intersection of Righthand Fork of Lick Run.

Error in Closure:- Less than 1' in 200'

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

W. P. E. No. 1227
 R. P. E. No. 1227

New Location
 Drill Deeper
 Abandonment

Company **P. DOUGLASS FARR**
 Address **West Union, West Va.**
 Farm **S. B. Sutton**
 Tract _____ Acres **40** Lease No. _____
 Well (Farm) No. **Two** Serial No. _____
 Elevation (Spirit Level) **1138'**
 Quadrangle **Vadis NW**
 County **Doddridge** District **New Milton**
 Engineer *W. P. E. No. 1227*
 Engineer's Registration No. **1227**
 File No. _____ Drawing No. _____
 Date **May 20, 1963** Scale **1" = 20p = 330'**

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

WELL LOCATION MAP
 FILE NO. **Dod-985**

+ 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 4

100D-985

Quadrangle Vadis

Permit No. 100D-985

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company P. Douglass Farr & Paul McCutchan
Address West Union, W. Va.
Farm S. B. Sutton Acres 40
Location (waters) _____
Well No. 2 Elev. 1138'
District New Milton County Doddridge
The surface of tract is owned in fee by S. B. Sutton
Address West Union, W. Va.
Mineral rights are owned by S. B. Sutton and
John Statler Address West Union, W. Va.

Drilling commenced Aug. 28, 1963
Drilling completed Oct. 4, 1963
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 _____

WELL FRACTURED Yes

RESULT AFTER TREATMENT 500,000 cu. ft. gas

ROCK PRESSURE AFTER TREATMENT 565 lbs.

Fresh Water _____ Feet Salt Water Feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	397'		Size of
8 1/2	1095'		
6 1/2		2070'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
50 lbs cement - Dowell
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
Mud			0	22			
Lime			22	48			
Red Rock			48	55			
Pink Lime			55	67			
Lime			67	85			
Red Rock			85	92			
Slate			92	98			
Slate			98	110			
Lime			110	140			
Slate			140	145			
Sand			145	170			
Red Rock			170	174			
Sand			174	210			
Lime			210	216			
Red Rock			216	218			
Lime		Hard	218	237			
Red Rock			237	244			
Blue Lime			244	263			
Red Rock			263	268			
Lime			268	305			
Red Rock			305	335			
Red Rock			335	350			
Lime			350	370			
Sand			370	392			
Lime			392	417			
Sand			417	430			
Lime			430	440			
Red Rock			440	445			
Lime			445	541			
Slate			541	550			
Lime			550	570			
Slate & Shells			570	607			



Formation	Color	Hard or Soft	Top 4	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			607	640			
Red Rock			640	647			
Lime			647	659			
Red Rock			659	676			
Lime			676	694			
Red Rock			694	717			
Lime			717	743			
Sand			743	755			
Red Rock			755	775			
Lime			775	880			
Red Rock			880	895			
Lime			895	975			
Red Rock			975	1020			
Lime	Black		1020	1060			
Lime	Gray		1060	1092			
Lime			1092	1116			
Sand			1116	1185			
Slate			1185	1195			
Salt Sand			1195	1250			
Lime			1250	1265			
Slate			1265	1277			
Sand			1277	1300			
Slate			1300	1335			
Sand			1335	1399			
Sand			1399	1411			
Slate & Shells			1411	1548	Oil		
Sand			1548	1626			
Slate & Shells			1626	1676			
Lime			1676	1695			
Slate & Shells			1695	1766			
Lime			1766	1790			
Slate Shells			1790	1824			
Broken Lime			1824	1849			
Blue Monday Sand			1849	1854			
Slate			1854	1870			
Blue Monday			1870	1887	Gas	1875	
Big Lime			1887	1955			
Big Injun Sand			1955	2010			

Date March 24, 1964

APPROVED Paul M. Catehans, Owner

By _____ Partner
(Title)