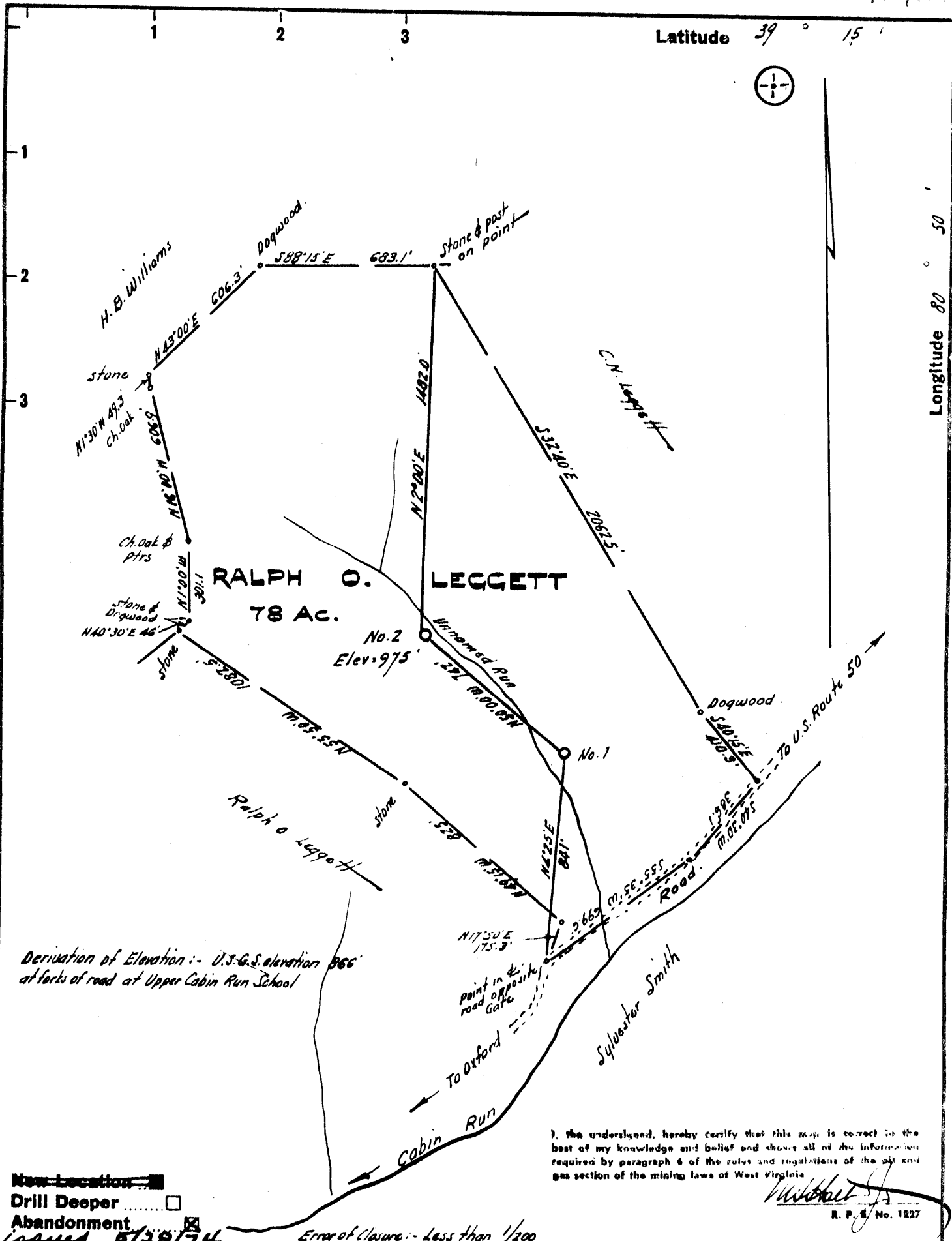


Latitude 39° 15'

Longitude 80° 50'



Derivation of Elevation :- U.S.G.S. elevation 866' at forks of road at Upper Cabin Run School

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

Michael J. ...
R. P. 6, No. 1227

New Location
 Drill Deeper
 Abandonment
 issued 5/28/74
 Stonebriar Lands Company
 Box 350, Spencer, W.Va. 25276
 Address ~~1000 ...~~
 Farm Ralph O. Leggett
 Tract _____ Acres 78 Lease No. _____
 Well (Farm) No. Two Serial No. _____
 Elevation (Spirit Level) 975 NC
 Quadrangle Halbrook, 2-4
 County Doddridge District Central
 Engineer Michael J. ...
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date May 25, 1963 Scale 1" = 500'

Error of closure :- Less than 1/200

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

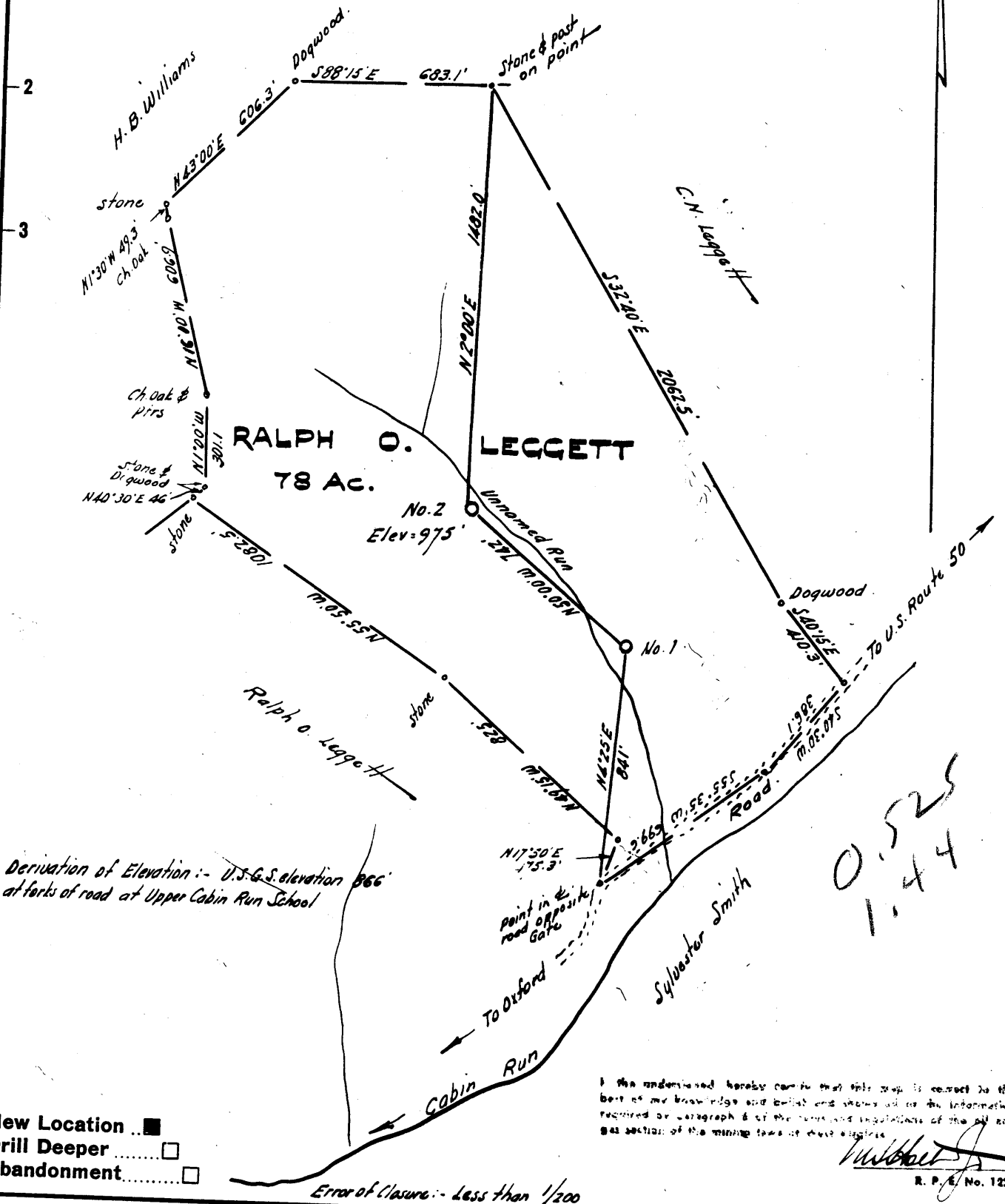
WELL LOCATION MAP
 FILE NO. Dod-992-P

+ 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.

47-017

Latitude 39° 15'

Longitude 80° 50'



- New Location
- Drill Deeper
- Abandonment

Error of Closure :- Less than 1/200

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 terms and regulations of the oil and gas section of the mining laws of West Virginia.

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

Company **KEYSTONE GAS & OIL CO.**
 Address 1118 Highland, Du Bois, Penna.
 Farm Ralph O. Leggett
 Tract _____ Acres 78 Lease No. _____
 Well (Farm) No. Two Serial No. _____
 Elevation (Spirit Level) 975
 Quadrangle Holbrook, NC
 County Doddridge District Central
 Engineer W. P. E.
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date May 25, 1963 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. Dod-992

- + 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 6

Quadrangle Holbrook

Permit No. DOD-992

WELL RECORD

Oil or Gas Well OIL

(KIND)

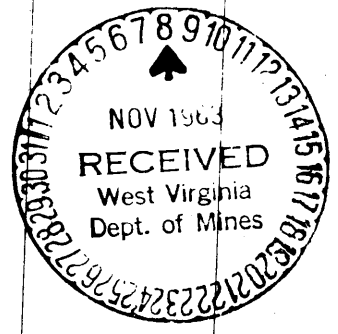
Company KEYSTONE GAS & OIL CO.
Address 111 S. Highland Street, DuBois, Pa.
Farm Ralph Leggett Acres 78
Location (waters) Cabin Run
Well No. 2 Elev. 975'
District Central County Doddridge
The surface of tract is owned in fee by R. Leggett
West Union Address _____
Mineral rights are owned by Same
Address _____
Drilling commenced August 15, 1963
Drilling completed Sept. 16, 1963
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
20 /10ths Merc. in 2 Inch
Volume _____ Cu. Ft.
Rock Pressure 250 lbs. 24 hrs.
Oil _____ bbls., 1st 24 hrs.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	22'	22	
10	318'		Size of
8 3/4	1133'		
6 5/8	1615'		Depth set
5 3/16			
3 4 1/2"	-----	2130'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

WELL ACIDIZED 9-25-63 Acid treatment of little
WELL FRACTURED 9-21-63 Fractured Injun Sand
RESULT AFTER TREATMENT 5 bbl oil, 200,000 cuft gas
ROCK PRESSURE AFTER TREATMENT 250 lbs
Fresh Water _____ Feet
Salt Water _____ Feet

CASING CEMENTED 4 1/2" SIZE 2130' No. Ft. 9/17/63 Date
Garaton Service Cemented with 40 sacks cement & 6 sacks of aquagel
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES
Radioactive Surveys were made by
Sand Surveys Incorporated.

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Clay	Red	Soft	0	70			
Slate	Gray	Soft	70	90			
Rock	Red	Hard	90	110			
Slate	Gray	Soft	110	120			
Sand	White	Hard	120	145			
Rock	Red	Soft	145	165			
Sand	White	Hard	165	175			
Rock	Red	Soft	175	180			
Sand	White	Hard	180	205			
Slate-Shells	Blue	Hard	205	270			
Rock	Red	Hard	270	292			
Sand	White	Hard	292	297			
Slate	Gray	Soft	297	318			
Rock	Red	Hard	318	340			
Slate	Blue	Soft	340	345			
Sand	White	Hard	345	377			
Slate-Shells	Blue	Hard	377	435			
Rock	Red	Soft	435	455			
Slate	Blue	Med.	455	470			
Lime	Gray	Hard	470	485			
Rock	Pink	Hard	485	570			
Lime	Gray	Hard	570	585			
Sand	White	Hard	585	620			
Slate	Gray	Med.	620	640			
Lime	Gray	Hard	640	665			
Slate-Shells	Blue	Med.	665	690			
Lime	Gray	Hard	690	715			
Slate-Shells	Blue	Hard	715	745			



Formation	Color	Hard or Soft	Top ⁶	Bottom	Oil, Gas or Water	Depth Found	Remarks
Rock	Pink	Hard	745	765			
Slate	Gray	Soft	765	812			
Rock	Red	Med.	812	855			
Sand	White	Hard	855	865			
Rock	Pink	Hard	865	940			
Lime	Gray	Med	940	950			
Rock	Red	Hard	950	970			
Slake	Gray	Soft	970	1029			
Rock	Red	Med.	1029	1070			
Slate	Gray	Soft	1070	1095			
Sd. Lime	Brown	Hard	1095	1108			
Slate	Gray	Soft	1108	1158			
Sand	White	Hard	1158	1190			
Slate	Gray	Soft	1190	1270			
Lime	Brown	Hard	1270	1305			
Slate	Soft	Soft	1305	1345			
Lime	Brown	Hard	1345	1355			
Sand	White	Hard	1355	1385			
Slate	Gray	Soft	1385	1475			
1st Sand Salt	White	Hard	1475	1560	Water	1510 to 1520	
Slate	Gray	Soft	1560	1590			
2nd Sand Salt	White	Hard	1590	1655			
Slate	Gray	Soft	1655	1690			
3rd Sand Salt	White	Hard	1690	1730			
Slate & Shells	Gray	Soft	1730	1850			
Maxton Sand	White	Hard	1850	1855			
Slate	Gray	Soft	1855	1925			
Lime	Brown	Hard	1925	1940			
Sandy Shale	Gray	Hard	1940	1975	Show Oil	1960'	
Big Lime	Brown	Hard	1975	2060			
Injun Sand	White	Med	2060	2095	Show Oil	2070' to 2079'	
Slate	Black	Soft	2095	2130	Gas	2086'	
			T.D. 2130'				

NOTE: The radioactive survey including Gamma Ray, Neutron, Density, Caliper and Temperature Surveys were run by SAND SURVEYS INCORPORATED of Clarksburg, W. Va.

Date..... November 1,, 1963.

APPROVED KEYSTONE GAS & OIL, CO., Owner

By R. B. Smith, Agent
(Title)