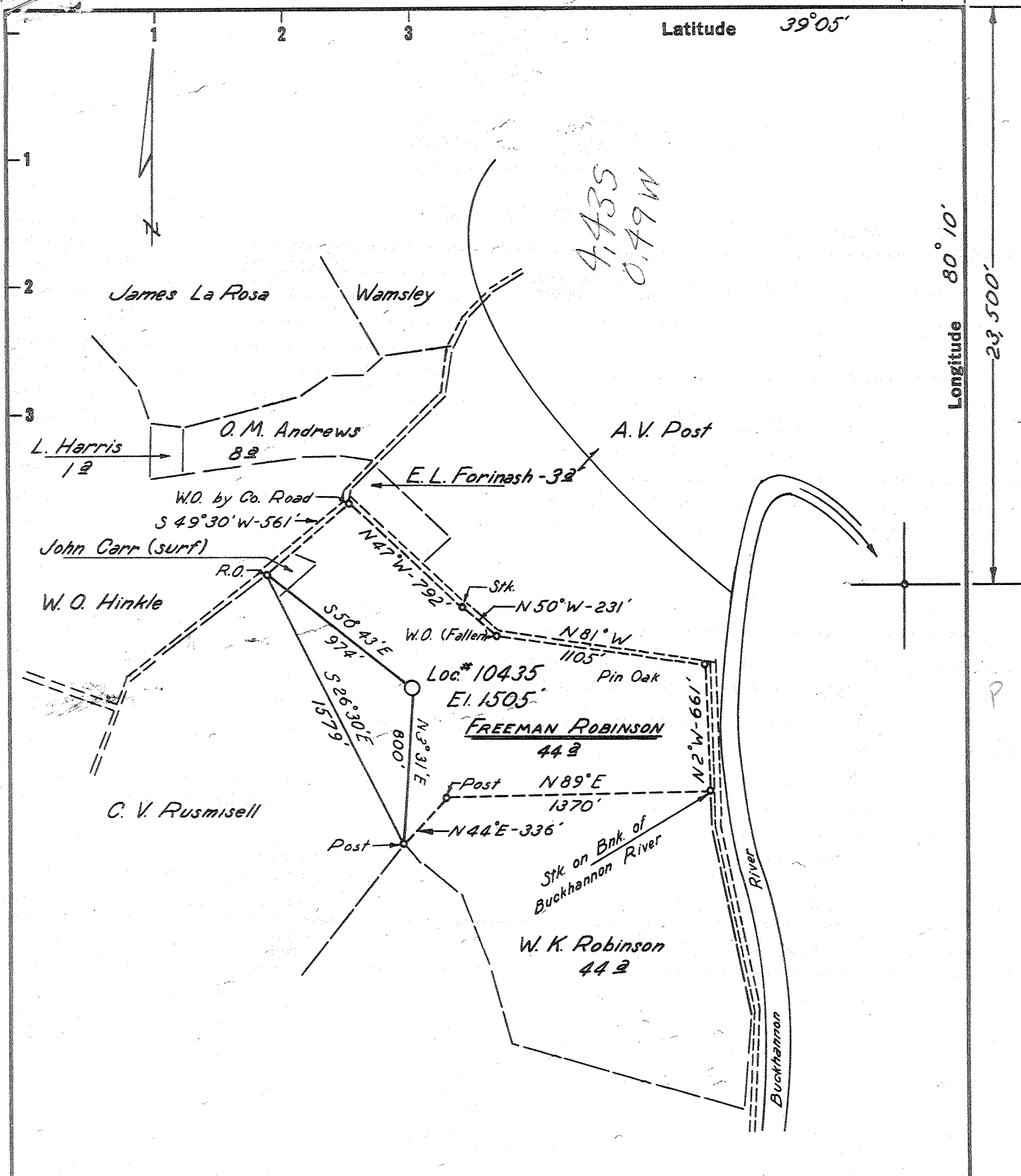


2,450'

Latitude 39°05'

Longitude 80°10'

23,500'



New Location
 Drill Deeper
 Abandonment

MAP SHEET 57-A; S-31, E-23; F.B. 1270, P. 11 & 12

Company	HOPE NATURAL GAS CO.
Address	CLARKSBURG, W. VA.
Farm	FREEMAN ROBINSON
Tract	Acres 44 Lease No. 63846
Well (Farm) No.	Serial No. 10435
Elevation (Spirit Level)	1505'
Quadrangle	PHILIPPI S.W.
County	UPSHUR District WARREN
Engineer	Jackson M. Jarvis
Engineer's Registration No.	2397
File No.	Drawing No.
Date	12-6-62 Scale 1" = 40 POLES

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

WELL LOCATION MAP
 FILE NO. UPS-760

+ 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 25

Quadrangle PHILIPPI

Permit No. UPS-760

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm Freeman Robinson Acres 44
Location (waters) _____
Well No. 10435 Elev. 1505
District Warren County Upshur
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 1-26-63
Drilling completed 4-5-63
Date Shot Not shot From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 38 M Cu. Ft.
Rock Pressure 1610 lbs. 15 hrs.
Oil None bbls., 1st 24 hrs.
WELL ACIDIZED No
WELL FRACTURED 4-15-63

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size	-		
16			Kind of Packer
13			
10	341	341	Size of
8 1/2	1440	1440	
6 3/4			Depth set
5 1/2	1106	1106	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

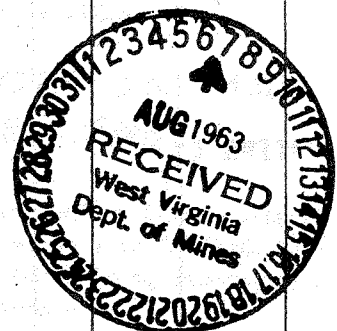
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
4 1/2" casing cemented with 125 bags

COAL WAS ENCOUNTERED AT 469 FEET 48 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT 3,095 M
ROCK PRESSURE AFTER TREATMENT 1675# in 14 days

Fresh Water See log Feet _____ Salt Water See log Feet _____

Formation	Color	Hard or Soft	T	Bottom	Oil, Gas or Water	Depth	Remarks
			<u>-O-V-E-R-</u>				



FORMATION	Open or Close Hard or Soft	TOP 2.5'	BOTTOM	Steel Line Measurement	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
Surface		0	16					
Clay		16	32					
COAL		32	35					
Slate		35	62					
Red Rock		62	105					
Slate		105	170		140			1 Bailer Per Hour
Red Rock		170	180					
Sand		180	200					
Lime		200	280					
Sand		280	342					
Slate		342	374					
Lime		374	384					
Slate & Shells		384	469					
COAL		469	473					
Lime		473	512					
Sand		512	550		530	-		1 Bailer Per Hour
Slate		550	556					
Sand		556	588					
Black Slate		588	602				592	
Sand		602	696					
Slate		696	706					
Gritty Lime		706	804					
Slate		804	810					
Broken Lime		810	850					
Slate		850	858					
Lime		858	915					
Slate & Shells		915	1002					
Gritty Lime		1002	1013					
Sand		1013	1035					
Slate		1035	1040					
Red Rock		1040	1185					
Lime		1185	1270					
Slate		1270	1290					
Gritty Lime		1290	1312					
Red Rock		1312	1317					
Slate		1317	1330					
Lime		1330	1337					
Red Rock		1337	1355					
Slate		1355	1365					
LITTLE LIME		1365	1381					
Slate & Shells		1381	1426					
BIG LIME		1426	1635					Ran 1440' of 8 5/8" Cs
Slate		1635	1652					
Gritty Lime		1652	1685					
GANTZ (TOP)		1685						
50 FOOT (BOTTOM)			1866					
Slate		1866	1892					
Sand		1892	1906					
Slate		1906	1916					
Red Rock		1916	1993					
Sand		1993	2025					
Lime		2025	2037					
Red Rock		2037	2060					
Gritty Lime		2060	2090					
4TH SAND		2090	2120					
Slate		2120	2160					
5TH SAND		2160	2235					
Slate		2235	2255					
Gritty Lime		2255	2270					
Sand		2270	2283					
Slate & Shells		2283	2530					
Gritty Lime		2530	2545				2538	Show 4/2/63, 6/10 W 1/2" FM 4/4/63, 5/10 W 1/2"
Slate & Shells		2545	3160					
Gritty Lime		3160	3460					
Slate & Shells		3460	3700					
Riley Sand		3700	3775					
Slate & Shells		3775	4020					
BENSON SAND		4020	4044				4026-31	50/10 W 3/4" FM
Slate & Shells		4044	4112				4031-35	32/10 W 1" FM - 8 Hr

Total Depth

4112'

August 6, 1963

Jack Bailey
Hope Natural Gas Company