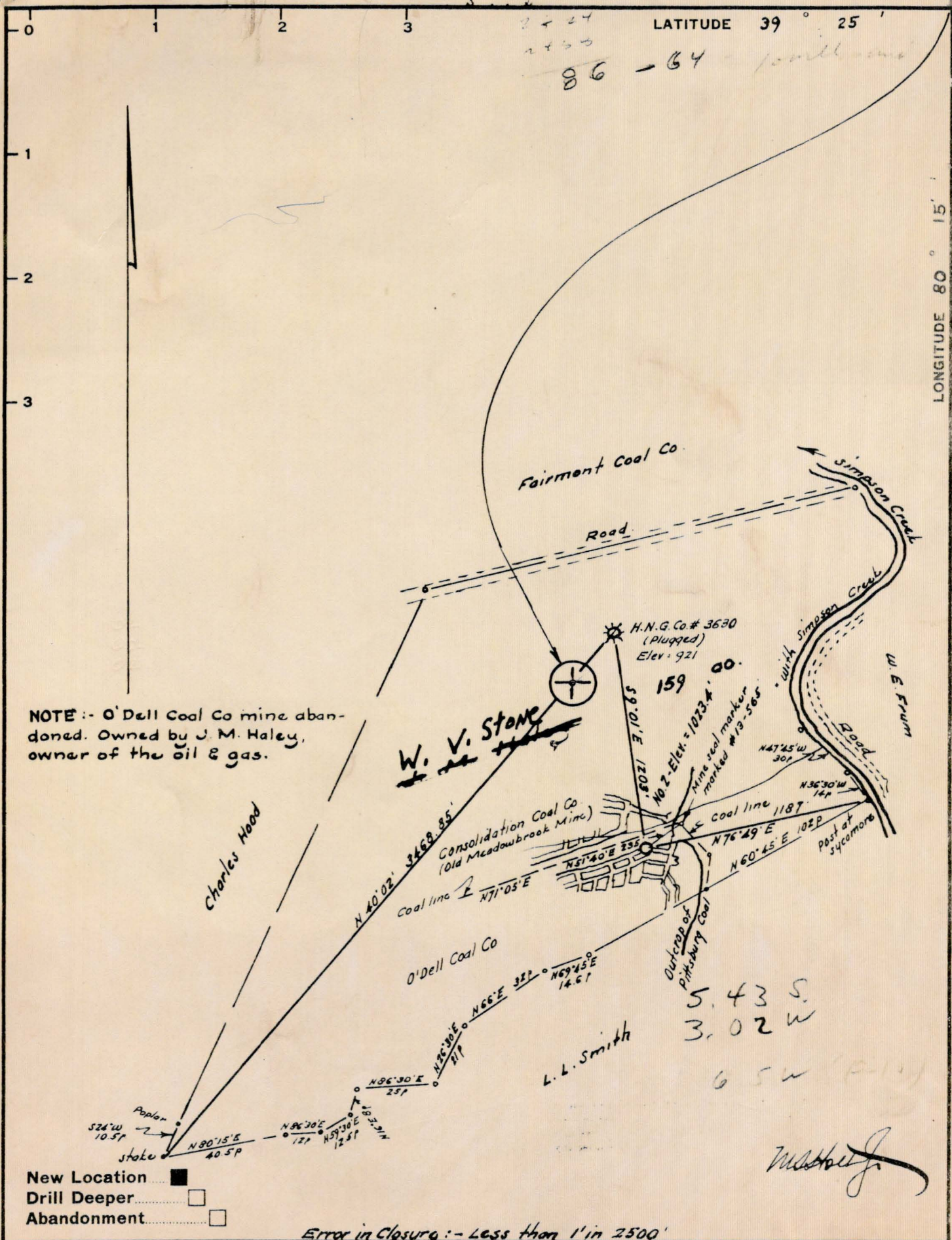




Company MOUNTAINEER MINERAL CO., INC.

Address 318 Professional Bldg., Clarksburg, W. Va.

Farm ~~W. V. Stone~~ W. V. Stone

Tract _____ Acres 160 Lease No. _____

Well (Farm) No. Two Serial No. M100

Elevation (Spirit Level) 1023.4'

Quadrangle Clarksburg - EC

County Harrison District Coal

Engineer M. H. H. H.

Engineer's Registration No. 1227

File No. _____ Drawing No. _____

Date Dec 28, 1963 Scale 1" = 40p = 660'

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

WELL LOCATION MAP

FILE NO. Har - 318

+ 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.

Have Well Log

along 50' 5" section, south



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

Quadrangle ClarksburgPermit No. Har. 318

WELL RECORD

Oil or Gas Well Dry

Company Mountaineer Mineral Co.
Address 318 Professional Bldg.
Clarksburg, W. Va. Acres 160
Farm J.M. Healey
Location (waters) Simpson Creek
Well No. M-100 Elev. 1023' 4"
District Coal County Harrison
The surface of tract is owned in fee by J.M. Healey
Meadowbrook R. Address W. Va.
Mineral rights are owned by Stone Hrs.
Clarksburg, W. Va. Address
Drilling commenced Jan. 30, 1964
Drilling completed June 12, 1964
Date Shot From To
With
Open Flow /10ths Water in Dry Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.
WELL ACIDIZED
WELL FRACTURED no

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	20		Kind of Pack
13	80		
10	84		Size of
8 1/4	1481		
6 3/4			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

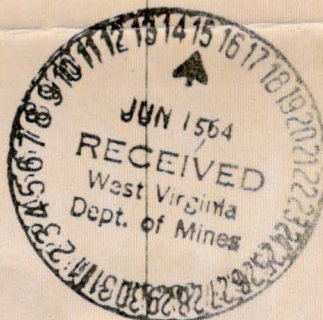
CASING CEMENTED SIZE No. Ft. Date
10 3/4" is cemented to 13" casing
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water 870 Feet Salt Water 5-8" bailers 2 hrs 945
50 gal hr.

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface		0	10				
shale		10	20				
clay		20	25				
red Rock		25	40				
shale		40	50				
coal (worked out)		50	56				
shale		56	60				
sand		60	65				
shale		65	119				
RR		119	130				
slate & shells		130	140				
RR		140	160				
Pink rock		160	210				
RR		210	247				
sand		210	247				
RR		247	260				
slate & shells		260	295				
sandy lime		295	330				
slate shells		330	360				
RR		360	380				
sandy lime		380	410				
slate		410	450				
lime		450	455				
slate shells		455	470				
RR		470	495				
slate shells		495	498				
sand Little Dunkard		498	508				
slate shells		508	595				
sand Big Dunkard		595	631				
slate shells		631	702				



(over)

Formation	Color	Hard or Soft	Top //	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sandy lime		702	760				
slate shells		760	807				
gas sand		807	818		gas water	815	show
sandy shells		818	900		870	870	50 gal hr.
slate shells		900	911				
sand 1st salt		911	945				
shale		945	955		water	945	5-8" bailers
lime		955	980		salt		2 hrs.
sand 2nd. salt		980	995				
shale		995	1055				
sandy lime		1055	1155				
slate shells		1155	1178				
RR		1178	1360				
lime		1360	1370				
RR		1370	1410				
slate shells		1410	1440				
lime (little)		1440	1445				
P. cave		1445	1464				
big lime		1464	1540				
sand		1540	1551				
lime		1551	1562				
sand		1562	1587				
sand		1587	1601				
lime		1601	1625				
shale		1625	1640				
RR		1640	1655				
lime		1655	1665				
slate shells		1665	1760				
sandy lime weir		1760	1820				
slate shells		1820	2022				
sand shells 50ft.		2022	2150				
shale		2150	2162				
sand		2162	2169				
shale		2169	2191				
sandy lime 30 ft.		2191	2213				
sand gordon		2213	2226				
RR		2226	2262				
slate shells		2262	2278				
RR		2278	2303				
red lime		2303	2311				
shale sand		2311	2405				
sand 4 th.		2405	2415				
shale		2415	2438				
sand		2438	2460		oil & gas	2438-60	show
shale		2460	2524				
sand 5 th.		2524	2550		oil	2524	show
slate & shells		2550	3069				
sandy shells		3069	3122				
shale		3122	3160				
sandy shells		3190	3244				
Speechley							
Total depth			3244				

Date June 15, 19 64
Mountaineer Mineral Co.
 APPROVED XXXXXXXXXXXXXXXXXXXX, Owner
 By Claron Dawson (Title)