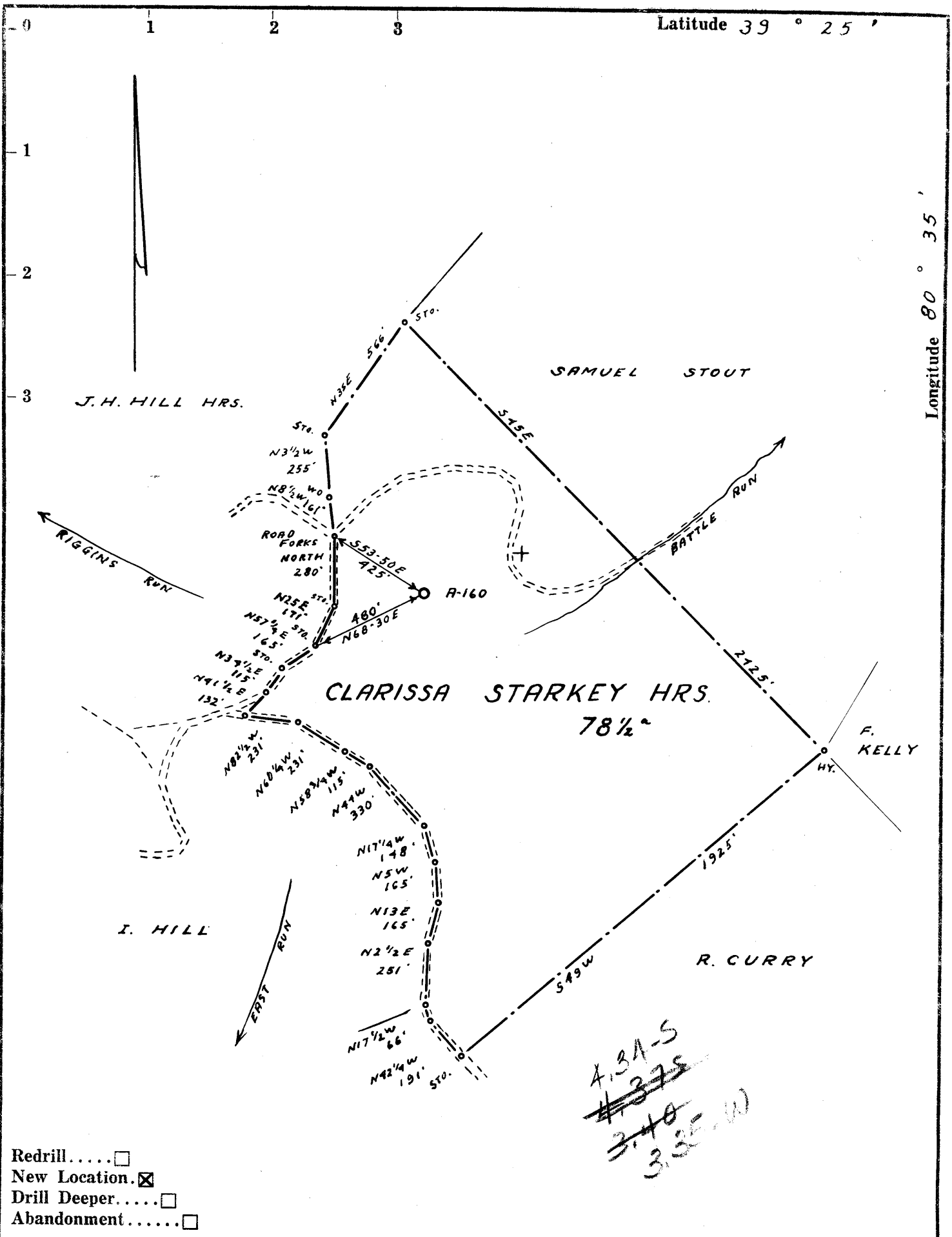


Latitude 39 ° 25 '

Longitude 80 ° 35 '



- Redrill.....
- New Location.
- Drill Deeper.....
- Abandonment.....

Company ALLEGHENY LAND & MIN. CO.
 Address CLARKSBURG, W.VA.
 Farm CLARISSA STARKEY HRS.
 Tract _____ Acres 78 1/2 Lease No. _____
 Well (Farm) No. 1 Serial No. A-160
 Elevation (Spirit Level) 1165' V.A.
 Quadrangle CENTERPOINT SE 1/2
 County DODDRIDGE District M^cCLELLAN
 Engineer James D. Jeffries
 Engineer's Registration No. 1084
 File No. 202/152 Drawing No. _____
 Date 9-21-61 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. DOD-638

+ 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.

RDME



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 15

Quadrangle Centerpoint

Permit No. Dod-638

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Allegheny Land & Mineral Co.
Address Clarksburg, W.Va.
Farm Starkey Heirs Acres 78 1/2
Location (waters) _____
Well No. A-160 Elev. 1165
District McClellan County Doddridge
The surface of tract is owned in fee by Starkey Heirs
Address Salem, W.Va. Route 8 1/2
Mineral rights are owned by Same
Address _____

Drilling commenced December 11, 1961
Drilling completed January 7, 1962
Date Shot _____ From _____ To _____
With _____

Open Flow _____ /10ths Water in No test Inch
_____ /10ths Merc. in _____ Inch
Volume Show only Cu. Ft.
Rock Pressure 265 lbs. 12 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

WELL FRACTURED January 16, 1962 by Dowell - Water, sand, acid

RESULT AFTER TREATMENT 90/10 Merc. 1-3/4" Opening 1,020 M

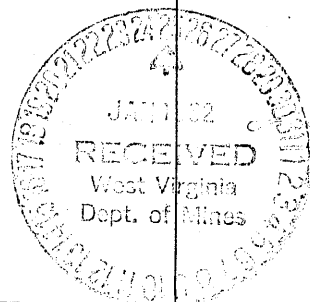
ROCK PRESSURE AFTER TREATMENT 675# 12 hr.

Fresh Water _____ Feet Salt Water 5 bailers per hr 1505 to 1533

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	18'	18'	
13			
10			Size of _____
6 5/8	569'		Depth set _____
5 3/16 1 1/2"	2179'	2179'	Perf. top <u>2140</u>
3			Perf. bottom <u>2158</u>
2			Perf. top _____
Liners Used			Perf. bottom _____

CASING CEMENTED 4 1/2" SIZE 604 No. Ft. 1-7-62 Date
55 Cement 20 Baroid 2 Lime
Dowell Service
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
Soil			0	8			
Slate			8	45			
Red Rock			45	60			Perforations in 4 1/2" casing 2140 to 2158 -- 24 jets
Slate & shells			60	90			
Red Rock			90	110			
Slate & shells			110	140			
Red Rock			140	150			
Slate & shells			150	185			
Red Rock			185	195			
Slate & shells			195	310			
Sand			310	340			
Red Rock			340	355			
Slate & shells			355	482			
Lime			482	520			
Slate			520	530			
Lime			530	600			
Slate & shells			600	685	Gas	590	Show
Sand			685	705			
Slate			705	720			
Slate			720	745			
Slate & shells	Black		745	750			
Sand			750	770			
Slate			770	775			
Sand			775	800			
Slate			800	810			
Sand			810	830			
Slate			830	840			
Red Rock			840	855			
Slate & shells			855	940			
Red Rock			940	980			



Formation	Color	Hard or Soft	Top 15	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate and shells			980	1035			
Red Rock			1035	1075			
Slate & shells			1075	1115			
Pink Rock			1115	1120			
Slate & shells			1120	1130			
Sand			1130	1155			
Slate & shells			1155	1175			
Sand			1175	1205			
Slate & shells			1205	1285			
Sand			1285	1300			
Slate & shells			1300	1380			
Sand			1380	1425			
Slate & shells			1425	1470			
Sand			1470	1537	Water	1505- 1533	5 bailers per hour
Slate & shells			1537	1610	Salty		
Sand			1610	1665			
Slate			1665	1677			
Sand			1677	1725			
Slate			1725	1738			
Sand			1738	1794			
Slate			1794	1800			
Lime			1800	1813			
Slate & shells			1813	1870			
Sand			1870	1905			
Red Rock			1905	1913			
Slate			1913	1923			
Red Rock			1923	1952			
Lime		Hard	1952	1957			
Red Rock			1957	1968			
Slate & lime			1968	2025			
Big Lime			2025	2075	Oil	2060-2066	Show
Sand			2075	2080	Oil	2087-2090	"
Lime			2080	2092			
Sand			2092	2163	Gas	2135-2145	Show
Squaw sand			2163	2179	Gas	2152	"
Total depth				2179			
Total depth	2169	after drilling out cement					

Date January 24, 1962

APPROVED Allegheny Land & Mineral Co., Owner

By Claron Dawson, Mahone, W.Va.
(Title)