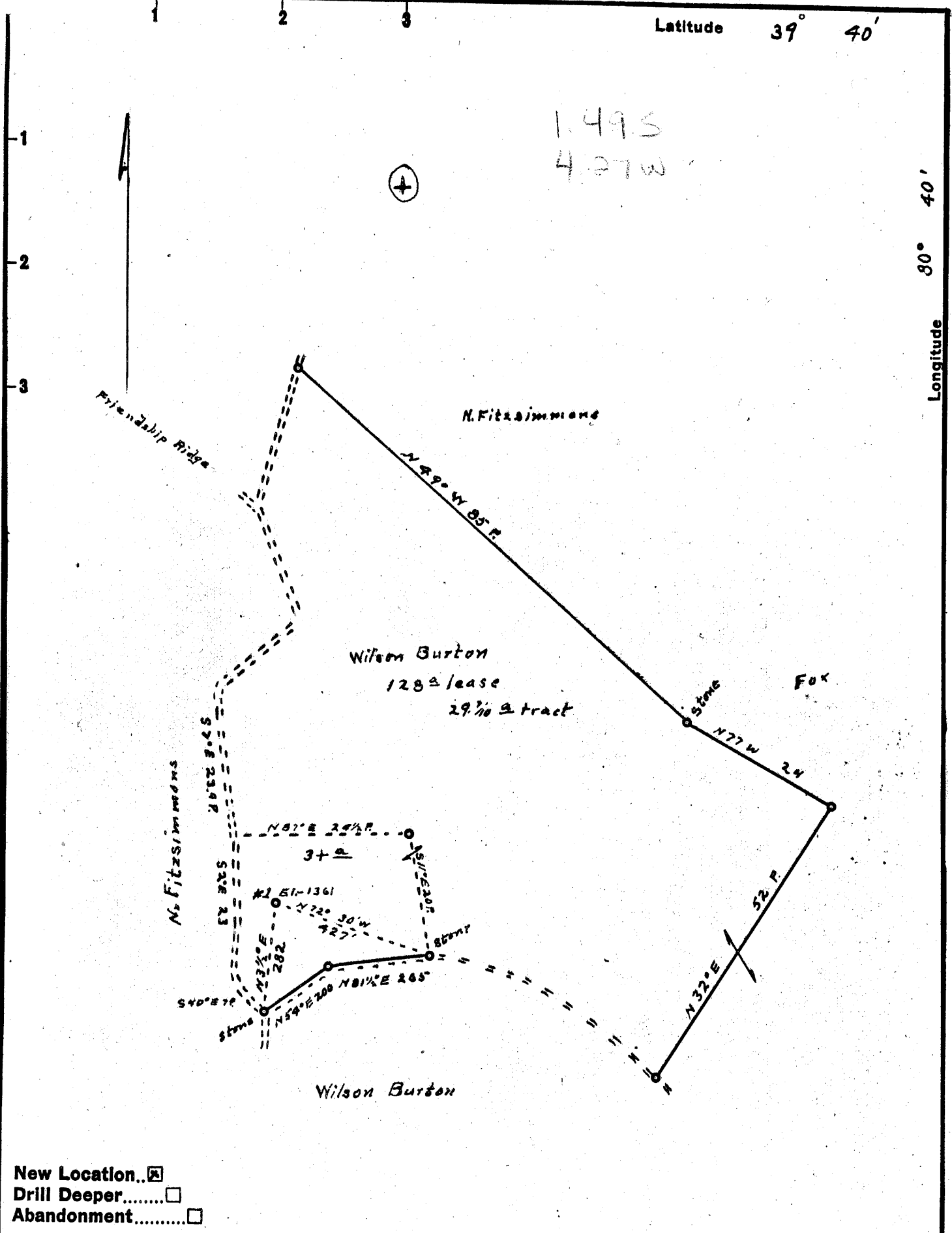


777

Latitude 39° 40'

Longitude 80° 40'

1.49 S
4.27 W



New Location...
 Drill Deeper.....
 Abandonment.....

Company Arrowhead Exploration
 Address 602 1st National Bank Bldg Denver Colo
 Farm Wilson Burton
 Tract 3⁴ Acres 128 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1361
 Quadrangle Littleton
 County Wetzel District Prector
 Engineer Robert R. Anderson
by O. Meredith
 Engineer's Registration No. 296
 File No. _____ Drawing No. _____
 Date Apr 30 56 Scale 1 in = 20 Feet

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

WELL LOCATION MAP
 FILE NO. Wet-429

+ 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 13

Quadrangle Littleton

WELL RECORD

Permit No. Wet-429

Temp. _____
Oil or Gas Well Abnd.
(KIND)

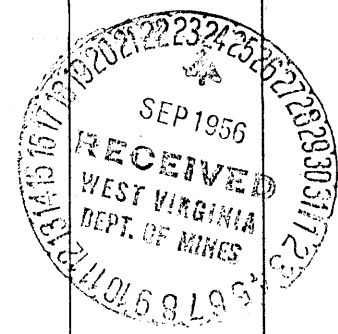
Company <u>Arrowhead Exploration Company & Robinson & Howe</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>602 First Nat'l. Bank Bldg., Denver, Colo</u>	Size			
Farm <u>Wilson Burton</u> Acres <u>128</u>	16			Kind of Packer
Location (waters) _____	13			
Well No. <u>1</u> Elev. <u>1361</u>	10	<u>310</u>	<u>Pulled</u>	Size of
District <u>Proctor</u> County <u>Wetzel</u>	8 1/2	<u>1553</u>	<u>Pulled</u>	
The surface of tract is owned in fee by <u>Wilson Burton</u>	6 3/4			Depth set
<u>Doolin Route, New Martinsville, W. Virginia</u>	5 3/16	<u>3116</u>	<u>3116</u>	Casing Perf. top <u>3088</u>
Mineral rights are owned by <u>Same</u>	3			Perf. bottom <u>3096</u>
Address _____	2			Perf. top _____
Drilling commenced <u>June 2, 1956</u>	Liners Used			Perf. bottom _____
Drilling completed <u>August 3, 1956</u>				
Date Shot <u>Sept. 8, 1956</u> From <u>3088</u> To <u>3096</u>				
With <u>75 bbls. water, 4000 gal. gel, 2700# sand.</u>				

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume Indefinite Cu. Ft.
Rock Pressure Not taken lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING CEMENTED 5-3/16 SIZE 3116 No. Ft. 8-4-56 Date

COAL WAS ENCOUNTERED AT 482 FEET _____ INCHES
614 FEET _____ INCHES 955 FEET _____ INCHES
1054 FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale	Red	Soft	497	515			
Slate & Shells	Gray	"	515	695			
Shale	Red	"	695	700			
Slate & Shells	Gray	"	700	718			
Shale	Red	"	718	734			
Slate & Shells	Gray	"	734	780		134 955 406	
Shale	Red	"	780	815			
Slate & Shells	Gray	"	815	832			
Sand	Gray	Hard	832	842			
Slate	Gray	"	842	846			
Lime	Gray	"	846	870			
Shale	Red	Soft	870	885			
Slate	Gray	Hard	885	898			
Lime	Gray	"	898	955			
Coal			955	958			
Slate	Gray	"	958	962			
Lime	Gray	"	962	975			



Formation	Color	Hard or Soft	Top ¹³	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate&Shells	Gray	Hard	975	1054			
✓Coal Pbg			1054	1060	Gas	1054 ✓	
Slate&Shells	Gray	"	1060	1110			
Shale	Red	Soft	1110	1120			
Slate&Shells	Gray	Hard	1120	1190			
Shale	Red	Soft	1190	1210			
Slate&Shells	Gray	Hard	1210	1247			
Shale	Red	Soft	1247	1256			
Slate&Shells	Gray	Hard	1256	1265			
Shale	Red	Soft	1265	1280			
Slate&Shells	Gray	Hard	1280	1327			
✓Coal			1327	1329			
Slate&Shells	Gray	"	1329	1350			
Shale	Red	Soft	1350	1360			
Slate&Shells	Gray	Hard	1360	1390			
✓Sand P.C.C.	Gray	Hard	1390	1428			
Slate&Shells	Gray	"	1428	1447			
Shale	Red	Soft	1447	1455			
Slate&Shells	Gray	Hard	1455	1550			
✓Sand B.D.	White	"	1550	1620			
Slate	Gray	"	1620	1640			
Slate&Shells	Gray	"	1640	1695			
✓Sand L.G.S.	Gray	"	1695	1730			
Slate&Shells	Gray	"	1730	1820			
✓Sand 1st Salt	Gray	"	1820	1905			
Slate&Shells	Gray	"	1905	2000			
✓Sand 2nd Salt	Gray	"	2000	2025			
Slate&Shells	Gray	"	2025	2078			
✓Sand 3rd Salt	Gray	"	2078	2105			
Slate	Gray	"	2105	2120			
✓Sand 4th Salt	Gray	"	2120	2128			
Lime	Gray	"	2128	2131			
Slate	Gray	"	2131	2133			
✓Lime Little Line	Brown	"	2133	2140			
✓Slate Pencil	Gray	"	2140	2145			
✓Lime B.L.	Brown	"	2145	2210			
✓Sand 8 2 5	Gray	"	2210	2254			
Sand(broken)	Gray	"	2254	2285			
Sand	Gray	"	2285	2338			
Sand(broken)	Gray	"	2338	2357			
✓Sand	Gray	"	2357	2470	Gas	2358	
Slate	Gray	"	2470	2472			
Sand	Gray	"	2472	2480			
Slate&Shells	Gray	"	2480	2598			
Sand	Gray	"	2598	2612			
Slate&Shells	Gray	"	2612	2640			
Sand	Gray	"	2640	2662			
Lime	Gray	"	2662	2690			
Slate&Shells	Gray	"	2690	2750			
Slate	Gray	"	2750	2830			
Slate&Shells	Gray	"	2830	2910			
Shale	Brown	Soft	2910	2990			
Slate	Gray	Hard	2990	3034			
✓Sand Garden St.	Gray	"	3034	3051	Gas	3045	
Slate	Gray	"	3051	3085			
✓Sand Garden	Gray	"	3085	3099	Gas	3090	
Slate	Gray	"	3099	3118 TD			

Date _____, 19__

APPROVED _____, Owner