



Minimum Error of Closure 1' in 200

Source of Elevation Elev. T. McKinley Hrs No. 1 - 1178

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

- Fracture
- New Location - Revised
- Drill Deeper
- Abandonment

Signed: [Signature]
Squares: N S E W

Company Delta Producing Corp.
 Address 185 Washington St. Clarksburg, W. Va.
 Farm Farris Heirs
 Tract _____ Acres 107 Lease No. _____
 Well (Farm) No. Four Serial No. _____
 Elevation (Spirit Level) 1083
 Quadrangle Philippi NW
 County Harrison District Simpson
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date April 10, 1969 Scale 1" = 400' = 660

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

WELL LOCATION MAP
 FILE NO. HAR-513 - Revised

+ 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 WELLS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle.....

WELL RECORD

Oil or Gas Well Gas
(KIND)

Permit No. Har-513-ReV

Company <u>Delta Producing Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>183 Washington Ave., Clarksburg, W. Va.</u>	Size			
Farm <u>Farris</u> Acres <u>107</u>	16.....			Kind of Packer.....
Location (waters).....	13.....	85'	85'	
Well No. <u>Four (4)</u> Elev. <u>1223'</u>	10.....			Size of.....
District <u>Simpson</u> County <u>Harrison</u>	8 3/4.....	640'	640'	Depth set.....
The surface of tract is owned in fee by <u>Farris Heirs</u>	6%.....			
Address <u>Bridgeport, W. Va.</u>	5 3/16.....	2423'	2423'	
Mineral rights are owned by <u>Same</u>	4 1/2.....			Perf. top <u>1372-1405 Keener</u>
Address.....	3.....			Perf. bottom <u>1405-1424 Big Injun</u>
Drilling commenced <u>4-12-69</u>	2.....			Perf. top <u>2292</u> } Fish
Drilling completed <u>4-18-69</u>	Liners Used.....			Perf. bottom <u>2330</u>
Date Shot..... From..... To.....				
With.....				

Attach copy of cementing record.

CASING CEMENTED 4 1/2 SIZE 2423 No. Ft. 4-18-69 Date

Amount of cement used (bags) 250

Name of Service Co. Dowell

COAL WAS ENCOUNTERED AT..... FEET..... INCHES

FEET..... INCHES..... FEET..... INCHES

FEET..... INCHES..... FEET..... INCHES

WELL FRACTURED (DETAILS) 4-26-69 Fifth Sand 1450 bbls. 65,000 #'s Sand

Keener-Big Injun- 1715 bbls. 75,000 #'s Sand

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 1,400.000 1,400 McF

ROCK PRESSURE AFTER TREATMENT 800# HOURS 36

Fresh Water Yes Feet 80' Salt Water..... Feet.....

Producing Sand Fifth, Keener & Big Injun Depth 1372-1424 2292-2330

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand-Shells			0	1246	Water	80'	
lime (Little)			1246	1260			
Shale			1260	1272			
Sand-Blue Monday			1272	1280			
Shale			1280	1304			
lime (Big)			1304	1365			
Sand (Keener)			1365	1405			
Sand (Injun)			1405	1462			
Shale			1462	1798			
Sand (Shaley)			1798	1824			
Sand			1824	1835			
Shale			1835	1859			
Sand (Shaley)			1859	1994			
Shale			1994	2012			
Sand			2012	2118			
Shale			2118	2042			
Sand			2042	2064			
Shale			2064	2166			
Sand			2166	2190			
Shale			2190	2228			
Sand			2228	2238			
Shale			2238	2294			
Sand			2294	2341	Gas	2357	3,307
Shale			2341	2440	TD		

