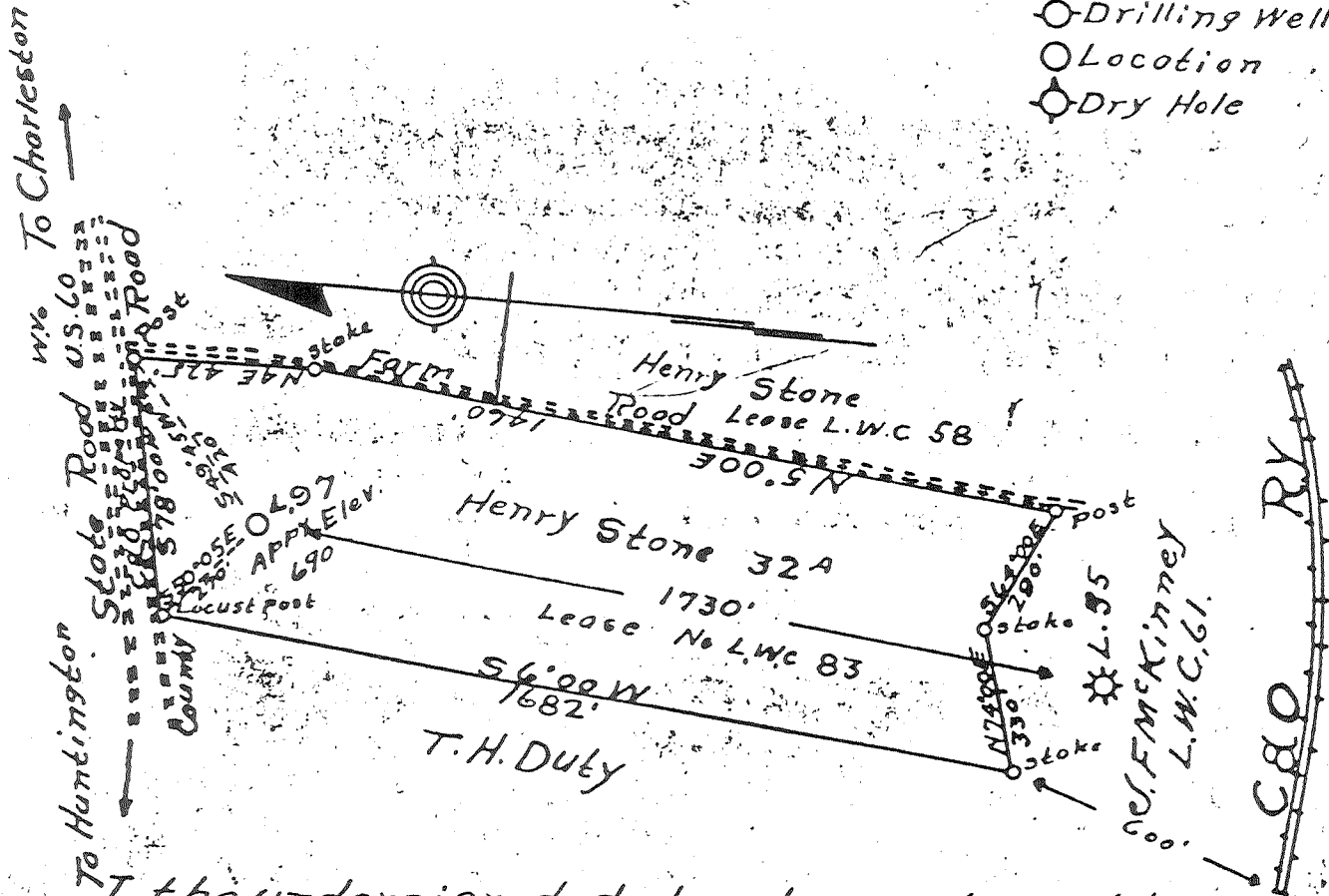


P-71

Plot of the Location of Well No. 497 of the Lorner Gas Co of Charleston W.Va on the Henry Stone Farm consisting of 32A Located in Grant District Cabell County W.Va.

Location made and plot drawn Oct 30 1929
 this plot made Dec 9th 1929 Scale 1" = 400'

- oil Well
- ☼ Gas Well
- ⊗ oil & Gas
- Drilling Well
- Location
- ⊙ Dry Hole



I the undersigned do hereby certify that this map is correct and shows all the information to the best of my knowledge and belief required by the Oil and Gas Section of the mining Laws of W.Va.

D.A Belcher
 Engr

Acknowledged before me a Notary Public on this the 9th Day of December 1929

S.A. Dyke
 Notary Public.

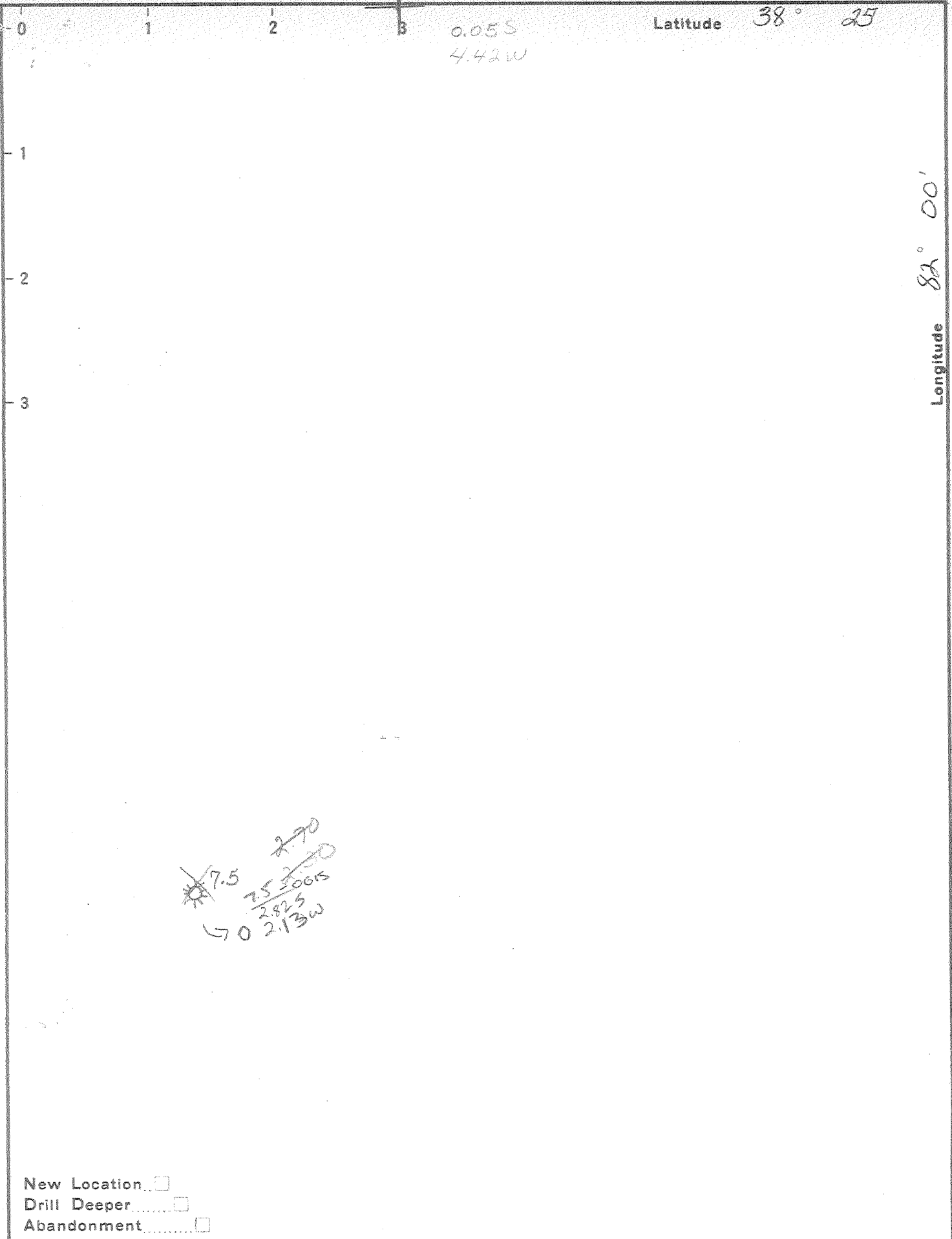
SOUTHEASTERN GAS COMPANY
 AND AFFILIATED COMPANIES
 P. O. BOX 2347
 CHARLESTON, W. VA. 25328

permit #

47-011-0648

Formerly Cabell Co # 10

P-71



New Location
 Drill Deeper
 Abandonment

Company Zarner Gas Co.
 Address Charleston, W.V.
 Farm Henry Stone
 Tract _____ Acres 32 Lease No. _____
 Well (Farm) No. L-97 Serial No. _____
 Elevation (Spirit Level) 690'
 Quadrangle Milton Hurriam
 County Cabell District Grant
 Engineer _____
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date _____ Scale _____

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

WELL LOCATION MAP

FILE NO. Cabell-10
 now: Cabell 648

+ 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.

Larner Gas

Company

EL710

COMPLETION DATA SHEET

1118 Kanawha Valley Bldg.

Address

NO. 2

Charleston, W. Va.

Conced 11-27-29
Cycles 2-1-30

FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Soil				0	6			Water 70, 590
Rock	Red			6	43			HFW 1110
Slate				43	70			90 2148-52 35'
Sand				70	90			3220-3500
Rock	Red			90	110			Shot 3522-2988'
Slate				110	160			4250# gdl-
Sand				160	205			100' to 15" 15' m. AS
Slate & Shells				205	375			2-8-30 116,000
Sand & Slate				375	770			
Lime		Gritty		770	790			10" - 41' 6"
Slate				790	832			8 1/4 - 448'
Lime				832	934			6 5/8 - 1771' 10"
Slate				934	1000			
Lime				1000	1040			
Slate				1040	1064			
Salt Sand		First		1064	1335			
Slate				1335	1345			
Salt Sand		Second		1345	1390			
Slate				1390	1410			
Lime		Gritty		1410	1460			
Big Lime				1460	1617			
Slate				1617	1630			
Big Injun				1630	1740			
Slate				1740	1750			
Lime				1750	1790			
Slate & Shells				1790	1830			
Lime				1830	1910			
Slate				1910	1925			
Lime				1925	2040			
Slate & Shells				2040	2136			
Shale	Brown			2136	2141			
Berea		Grit		2141	2166			
Slate & Shells				2166	3200			
Shale	Brown			3200	3521			
Slate	Gray			3521	3539		3539	

Well was ~~not~~ shot at 2143 to 2164 feet; well was shot at 2988 to 3522 feet.

Shot Fresh water at 70 and 590 feet; salt fresh water at 1110 (Hole full) feet.

Well was producing hole gas.

April 1, 1930. Date Approved BY- Owner General Manager

HAMILTON GAS COMPANY

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

SOUTHEASTERN GAS COMPANY AND AFFILIATED COMPANIES
P. O. BOX 2347
CHARLESTON, W. VA. 25328
Permit # 47-011-0648

Grant District, Cabell County, W. Va.
 Larner Gas Co., Charleston, W. Va. (1118 Kan. Val. Bldg.)
 Report signed by Hamilton Gas Co.
 On 32 acres, surface and mineral rights owned by Henry Stone,
 Milton, W. Va.

On Indian Fork.

Drilled under permit issued Dec. 17, 1929.

Elevation, approx. 690'.

10" casing, 41 $\frac{1}{2}$ '; 8 $\frac{1}{2}$ " 448'; 6-5/8" 1771' 10".

No packer. No coal encountered.

Completion reported to Dept. of Mines April 1, 1930.

Well was shot at 2143-2164' and 2988-3522'.

Fresh water at 70 and 590'; salt water at 1110' (hole full).

Gas well.

	Top.	Bottom.
Soil	0	6
Red rock	6	43
Slate	43	70
Sand	70	90
Red rock	90	110
Slate	110	160
Sand	160	205
Slate and shells	205	375
Sand and slate	375	770
Lime, gritty	770	790
Slate	790	832
Lime	832	934
Slate	934	1000
Lime	1000	1040
Slate	1040	1064
Salt Sand, First	1064	1335
Slate	1335	1345
Salt Sand, Second	1345	1390
Slate	1390	1410
Lime, gritty	1410	1460
Big Lime	1460	1617
Slate	1617	1630
Big Injun Sand	1630	1740
Slate	1740	1750
Lime	1750	1790
Slate and shells	1790	1830
Lime	1830	1910
Slate	1910	1925
Lime	1925	2040
Slate and shells	2040	2136
Shale, brown	2136	2141
Berea Grit	2141	2166
Slate and shells	2166	3200
Shale, brown	3200	3521
Slate, gray, to bottom	3521	3539

5.8 N 38° 20'
 0.11 E 82° 5'