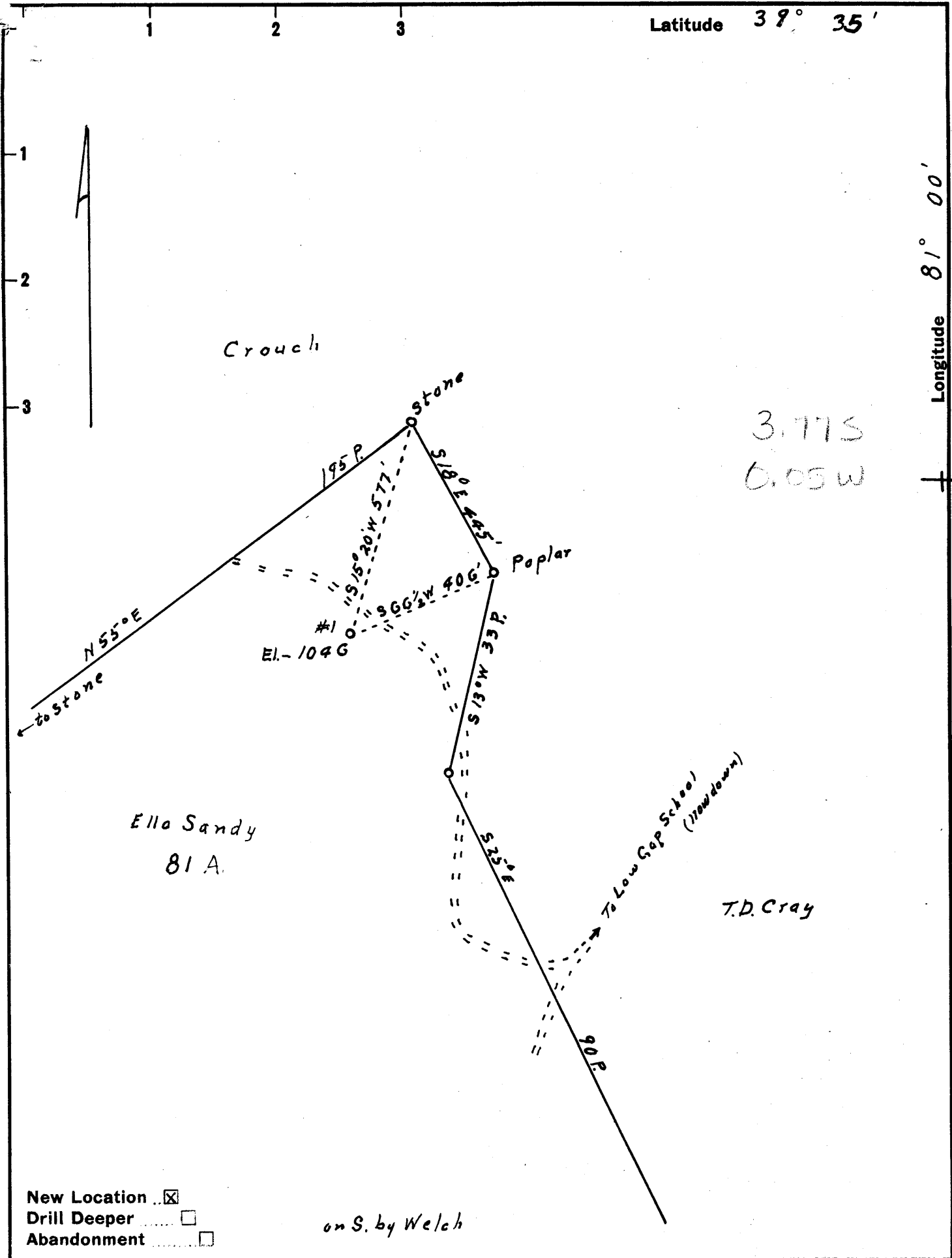


Latitude 39° 35'

Longitude 81° 00'



- New Location
- Drill Deeper
- Abandonment

on S. by Welch

Company Tri-Mutual Oil Co.
 Address 928 Patterson Bldg. Denver Colo.
 Farm Ella Sandy Hrs.
 Tract _____ Acres 81 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) _____ 1046
 Quadrangle New Metamoras SE
 County Tyler District Lincoln
 Engineer Robert P. Anderson
 Engineer's Registration No. _____ 296
 File No. _____ Drawing No. _____
 Date Aug 15 1960 Scale 1 in = 20 Poles

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

WELL LOCATION MAP
 FILE NO. TYL-297

- + 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

Quadrangle New Martinsville

WELL RECORD

Permit No. TYL - 297

Oil or Gas Well Gas
(KIND)

Company Tri-Mutual Oil Company
Address 928 Patterson Bldg., Denver 2, Colorado
Farm Ella Sandy Heirs Acres 81
Location (waters) Buffalo Run
Well No. 1 Elev. 1040
District Lincoln County Tyler
The surface of tract is owned in fee by Ella Sandy Heirs
2801 Wingate Avenue Address Akron, Ohio
Mineral rights are owned by Same
Address _____
Drilling commenced October 3, 1960
Drilling completed October 18, 1960
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 125,000 Cu. Ft.
Rock Pressure not taken lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			<u>Anchor</u>
13			Size of <u>4 1/2</u>
10	20	20	Depth set <u>990'</u>
8 1/4	315	315	
6 3/4			
5 3/4 4 1/2		1000'	
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 289 FEET 1 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	17			
Shale	gray	soft	17	55			
Red Rock		soft	55	75			
Sand	blue	soft	75	80			
Red Rock		soft	80	170			
Shale	gray	soft	170	180			
Red Rock		soft	180	200			
Limestone	gray	hard	200	205			
Shale	gray	soft	205	210			
Shale	red & gray	soft	210	289			
Coal			289	290			
Shale	red & gray	soft	290	371			
Slate	gray	soft	371	380			
Shale	red & gray	soft	380	610			
Sand	gray	soft	610	630			
Lime & shale	gray	soft	630	750			
Sand	gray	hard	750	760			limey
Sand	white	hard	760	780			
Shale	red & gray	soft	780	898			
Slate	gray	hard	898	905			
Limestone	gray	hard	905	911			sandy
Slate	gray	hard	911	924			sandy
Shale	blue & black	soft	924	945			
Shale	red	soft	945	980			
Slate	gray	hard	980	985			
Siltstone	gray	hard	985	992			
Sand	white	soft	992	1000	Gas	997'	
Total Depth				1000			

