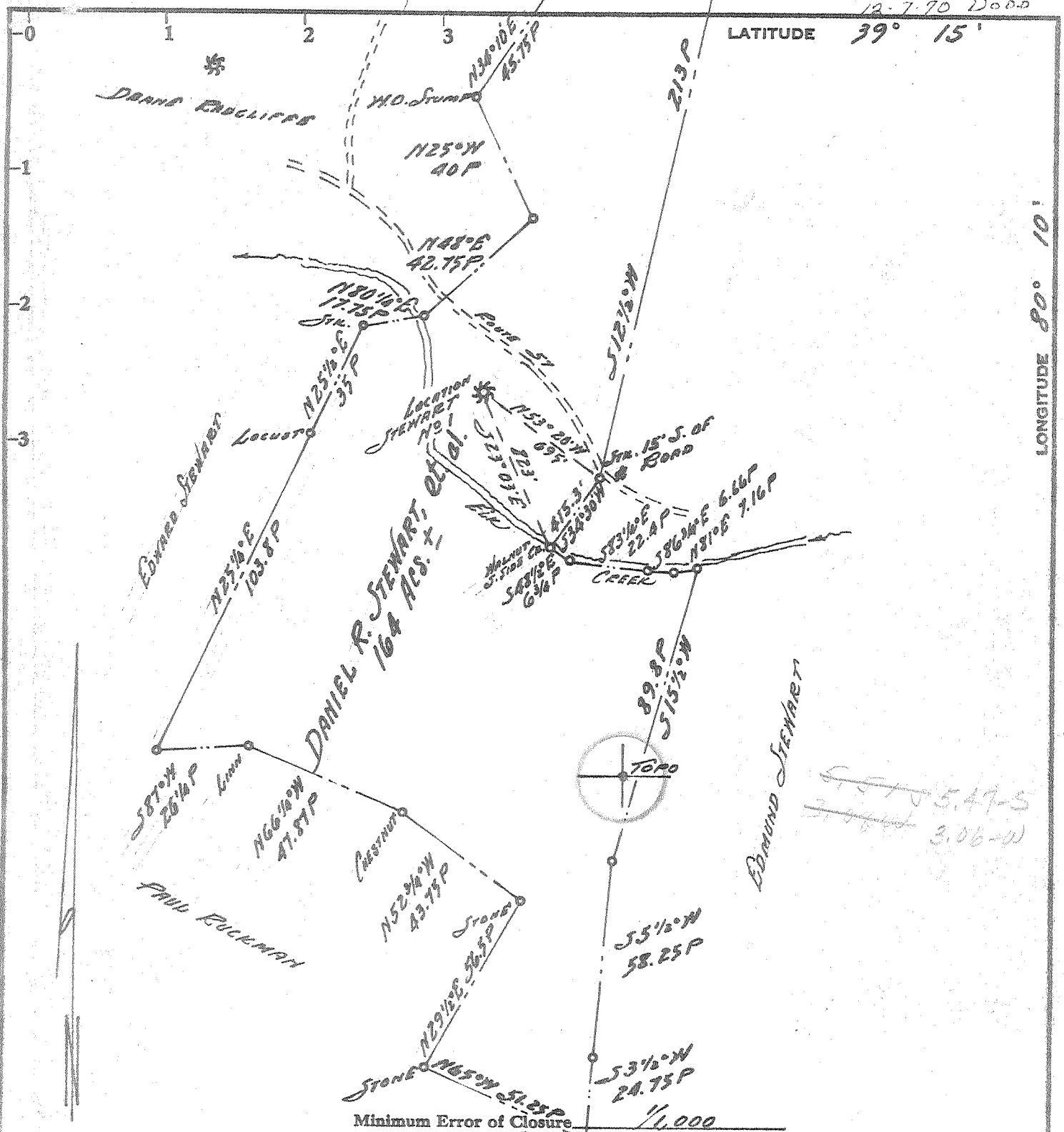


12-7-70 D.O.D.
 LATITUDE 39° 15'



Minimum Error of Closure _____
 Source of Elevation JUNCTION BIRDS RUN ROAD TO ROUTE 57
1300' ± N.W. OF Location, El. = 1030

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

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.

Signed: Paul G. Dean
 Squares: N S E W

Company ROCKEY DRILLING CO.
 Address 16 FEEB. AVE, BUCKHANNON, W.VA.
 Farm DANIEL R. STEWART, et al.
 Tract 1 Acres 164 ± Lease No. _____
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 1025
 Quadrangle PHILIPPI NW
 County BARBOUR District ELK
 Engineer PAUL G. DEAN
 Engineer's Registration No. 1856
 File No. B.D. #1 Drawing No. 70-9A
 Date DEC. 1, 1970 Scale 1" = 40P = 660'

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

WELL LOCATION MAP
 FILE NO. BAR-548

+ 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 C. NOLL

Quadrangle Philippi

WELL RECORD

Permit No. BAR-548

Oil or Gas Well Gas
(KIND)

Company Acetylene Drilling Co.
Union Drilling, Inc.
Address P.O. Box 347, Buckhannon, W. Va. 26201
Farm Daniel R. Stewart Acres 164+
Location (waters) Elk Creek
Well No. One (1) 211-UH Elev. 1025'
District Elk County Barbour
The surface of tract is owned in fee by Daniel R. Stewart
158 Rosewood Ave. Address Fairmont, W. Va.
Mineral rights are owned by Daniel R. Stewart
158 Rosewood Ave. Address Fairmont, W. Va.
Drilling commenced January 5, 1971
Drilling completed January 11, 1971
Date Shot From To

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	19'	19'	Size of
10			Depth set
8 1/4 5/8"	853'	853'	
6 5/8"			
5 3/16"			
4 1/2"	1260'	1260'	Perf. top <u>4166'</u>
3"			Perf. bottom <u>4171'</u>
2"			Perf. top
Liners Used			Perf. bottom

Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume 125,000 Cu. Ft.
Rock Pressure lbs. hrs.
Oil hbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS)

Attach copy of cementing record.
CASING CEMENTED 4 1/2" SIZE 625' No. Ft. 1/11/71 Date
Amount of cement used (bags) 125
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

WELL FRACTURED (DETAILS) 1/22/71 Dowell 10,250 gal. Water frac
56,000 lbs. Sand
RESULT AFTER TREATMENT (Initial open Flow or hbls.) Open flow 311,000 in 2 hrs. 311 MCF GPD
ROCK PRESSURE AFTER TREATMENT 1525# HOURS 43hrs.
Fresh Water Feet Salt Water Feet
Producing Sand Benson Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand & Shale			0	25'			
Shale			25	138			
Sand			138	212			
Sand & Shale			212	660			
Sand			660	770			
Sand & Shale			770	1326			
Big Lime			1326	1410			
Shale			1410	2170			
Sand			2170	2177			
Sandy Shale			2177	3435			
Shale			3435	4169			
Benson Sand			4169	4179			
Shale			4179	4308			
					Total Depth		

RECEIVED
FEB 23 1971