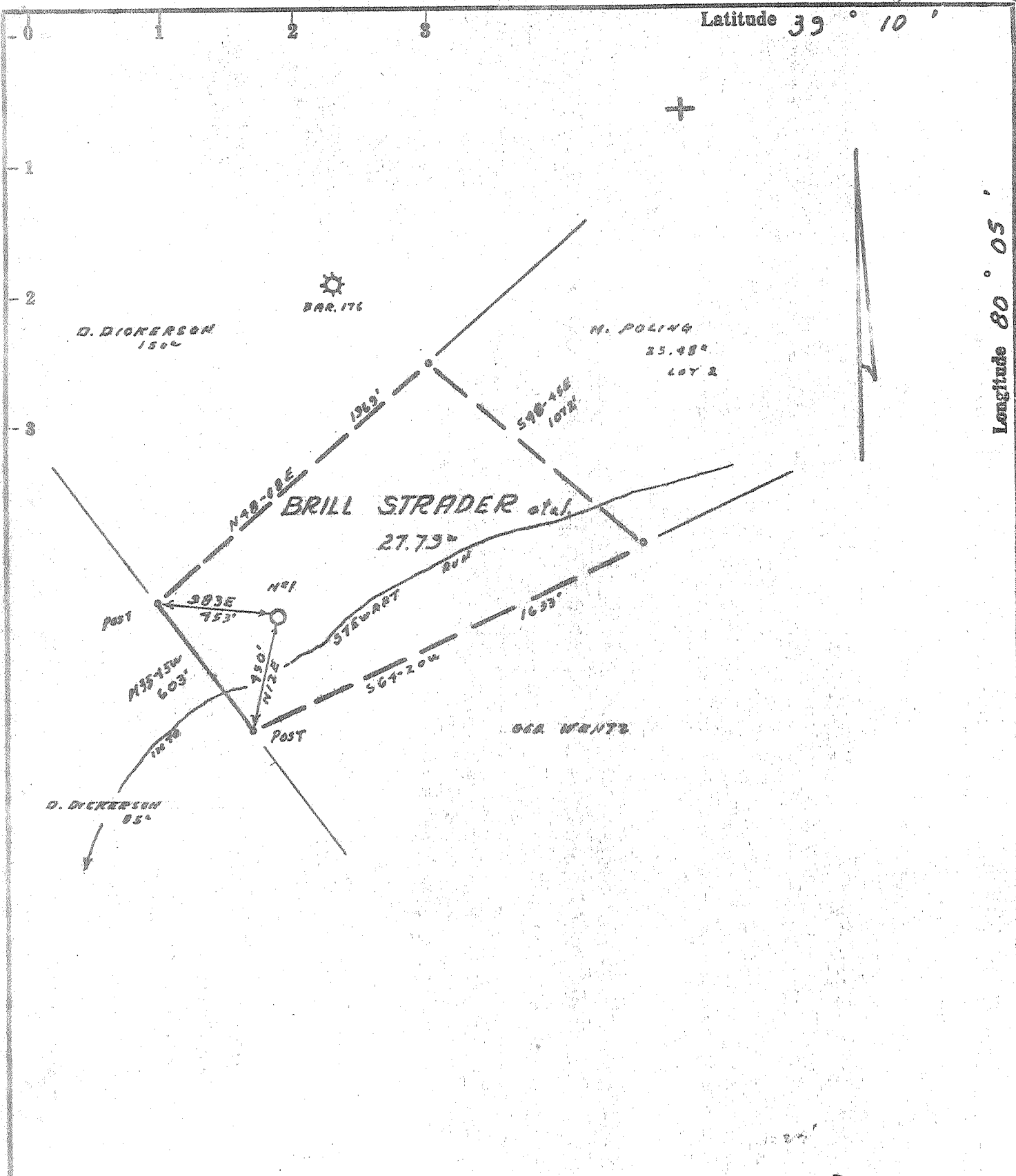


Latitude 39° 10'

Longitude 80° 05'



- Fracture...
- Redrill...
- New Location...
- Drill Deeper...
- Abandonment... 7-8-71

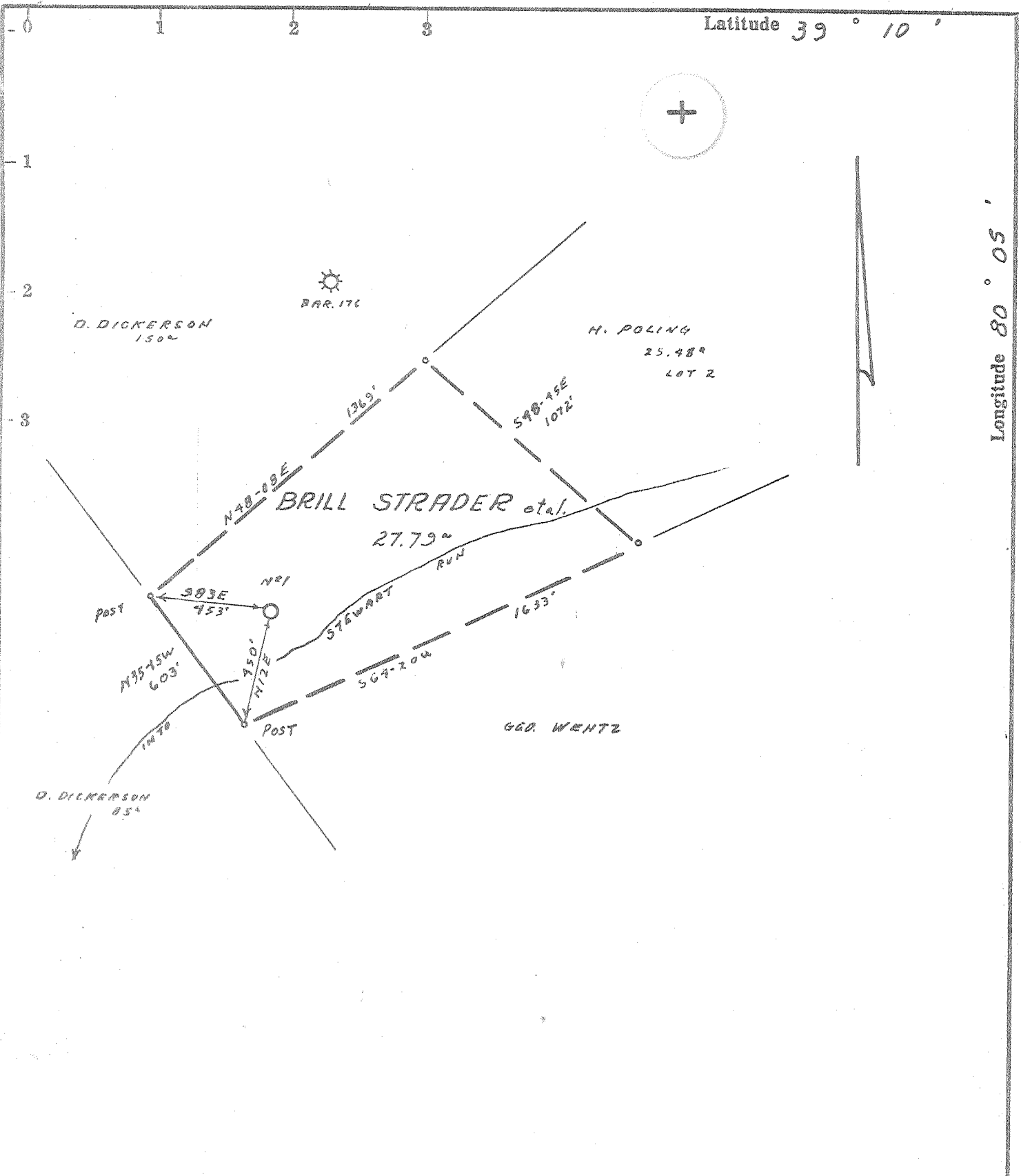
Source of Elevation WELL TO WEST, BAR. 176, ELK 1124'
 I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.
 Minimum accuracy, one part in 200

Company H. F. ACKER
~~SCOTT DRILLING CO. INC.~~
 Address SALAM, W. VA. Weston, W. Va.
 Farm BRILL STRADER et al.
 Tract Lot 1 Acres 27.73 Lease No. _____
 Well (Farm) No. 1 Serial No. S-115
 Elevation (Spirit Level) 1142'
 Quadrangle PHILIPPI NE 3-2
 County BARBOUR District ELK
 Engineer J. M. Duffin
 Engineer's Registration No. 1084
 File No. 215/98 Drawing No. _____
 Date 2-12-69 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. B21-440-P

+ 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.



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

Source of Elevation WELL TO WEST, BAB. 203 ; ELK 1224'

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.

Minimum accuracy, one part in 200

Company	SCOTT DRILLING CO. INC.
Address	SALEM, W. VA.
Farm	BRILL STRADER et al.
Tract	Lot 1 Acres 27.79 Lease No.
Well (Farm) No.	1 Serial No. S-115
Elevation (Spirit Level)	1142'
Quadrangle	PHILIPPI NE 3-2 C
County	BARBOUR District ELK
Engineer	<i>James Duffner</i>
Engineer's Registration No.	1084
File No.	215/93
Date	2-12-69
Drawing No.	
Scale	1" = 500'

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

WELL LOCATION MAP
 FILE NO. BAB-440

+ 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

Rotary
Spudder
Cable Tools
Storage

Quadrangle Philippi

WELL RECORD

Oil or Gas Well Gas
(KIND)

Permit No. BAR 440

Company Scott Drilling Company, Inc.
Address Salem, West Virginia
Farm Brell Strader Acres 27
Location (waters) _____
Well No. 1 (S-115) Elev. 1147
District Elk County Barbour
The surface of tract is owned in fee by Brell Strader
Address Rt. 1, Philippi, W. Va
Mineral rights are owned by Brell Strader
Address Same
Drilling commenced 3-28-69
Drilling completed 4-3-69
Date Shot From _____ To _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	20	20	
10			Size of
8 1/4	800	800	
6 3/4			Depth set
5 3/16			
4 1/2	4257	4257	
3			Perf. top <u>3868-70</u>
2			Perf. bottom <u>3876-78</u>
Liners Used			Perf. top <u>4156</u>
			Perf. bottom <u>4160</u>

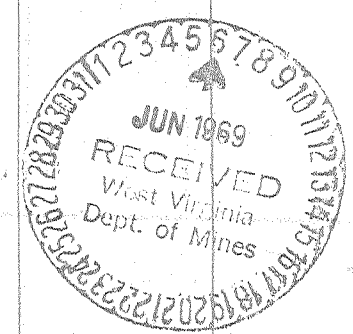
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) 60,000 lbs. of 20-40 sand and 1600 bbls. of water

Attach copy of cementing record.
CASING CEMENTED 4 1/2 SIZE 4257 No. Ft. 4/4/69 Date
Amount of cement used (bags) 160
Name of Service Co. Lawson
COAL WAS ENCOUNTERED AT 120 FEET _____ INCHES
650 FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open flow or bbls.) 1100 MCF
ROCK PRESSURE AFTER TREATMENT 1590 HOURS 5
Fresh Water _____ Feet Salt Water _____ Feet
Producing Sand Riley & Benson Depth 3868 & 4156

1100 MCF 1,100,000

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil & clay	gray		0	10			
Sand	white		10	40			
Sandy shale			40	120			
Coal			120	123			
Shale			123	135			
Red rock			135	140			
Shale			140	185			
Sand			185	230			
Red rock			230	290			
Shale			290	320			
Sand			320	340			
Sandy shale			340	440			
Red rock			440	455			
Sand & shale			455	565			
Sand			565	625			
Shale			625	650			
Coal			650	655			
Shale			655	665			
Sand			665	710			
Shale			710	881			
Red rock			881	884			
Shale			884	935			
Sandy shale			935	1055			
Red rock			1055	1075			
Shale & red rock			1075	1120			
Sandy shale			1120	1145			
Shale			1145	1200			
Sand			1200	1265			
Shale			1265	1350			



Formation	Color	Hard or Soft	Top (Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1350	1380			
Lime Big			1380	1580			
Shale			1580	1710			
Sand & shale			1710	1835			
Sand			1835	1890			
Shale			1890	1950			
Sand			1950	1985			
Shale			1985	2185			
Sand 5th			2185	2200			
Red rock			2200	2230			
Sand & shale			2230	2400			
Sand			2400	2425			
Shale			2425	2630			
Sand			2630	2700			
Shale			2700	2740			
Sand			2740	2765			
Shale			2765	2815			
Sand			2815	2935			
Shale			2935	3060			
Sandy shale			3060	3345			
Sand			3345	3380			
Shale & sand			3380	3500			
Shale			3500	3625			
Sand & shale			3625	3820			
Sand	Riley		3820	3855			
Shale			3855	4175			
Benson			4175	4200			
Shale			4200	4272			
F. D.				4272			

Date June 3, 196
 APPROVED James H. Scott, Own
 By J. P. [unclear]
 (Title)