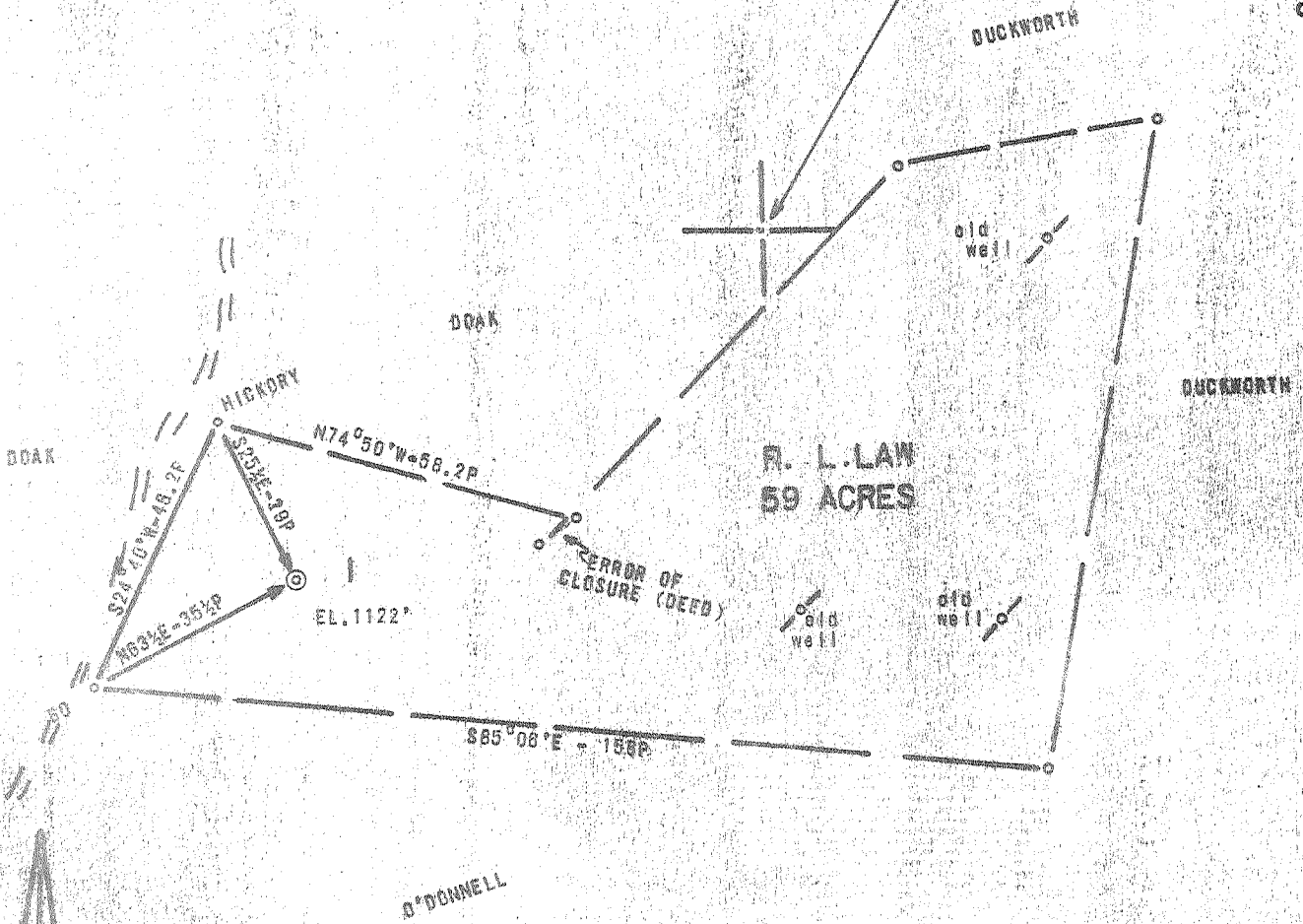


Latitude 39° 20'

3.45 MI. W.

3.08 MI. S.

Longitude 80° 50'



ACCURACY: 1P / 200P

Source of Elevation U.S.G.N. * GREENWOOD (854°)

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.

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

issued 9-7-71

Chet Waterman

Company	W. LESLIE ROGERS		
Address	PENNSAUKEN, N.J.		
Farm	R. L. LAW		
Tract	Acres	59	Lease No.
Well (Farm) No.	1	Serial No.	
Elevation (Spirit Level)	1122'		
Quadrangle	NEST UNION SC		
County	DOODRIDGE	District	CENTRAL
Engineer	CHET WATERMAN		
Engineer's Registration No.	3788		
File No.	71003-267	Drawing No.	
Date	7/14/71	Scale	1" = 30P

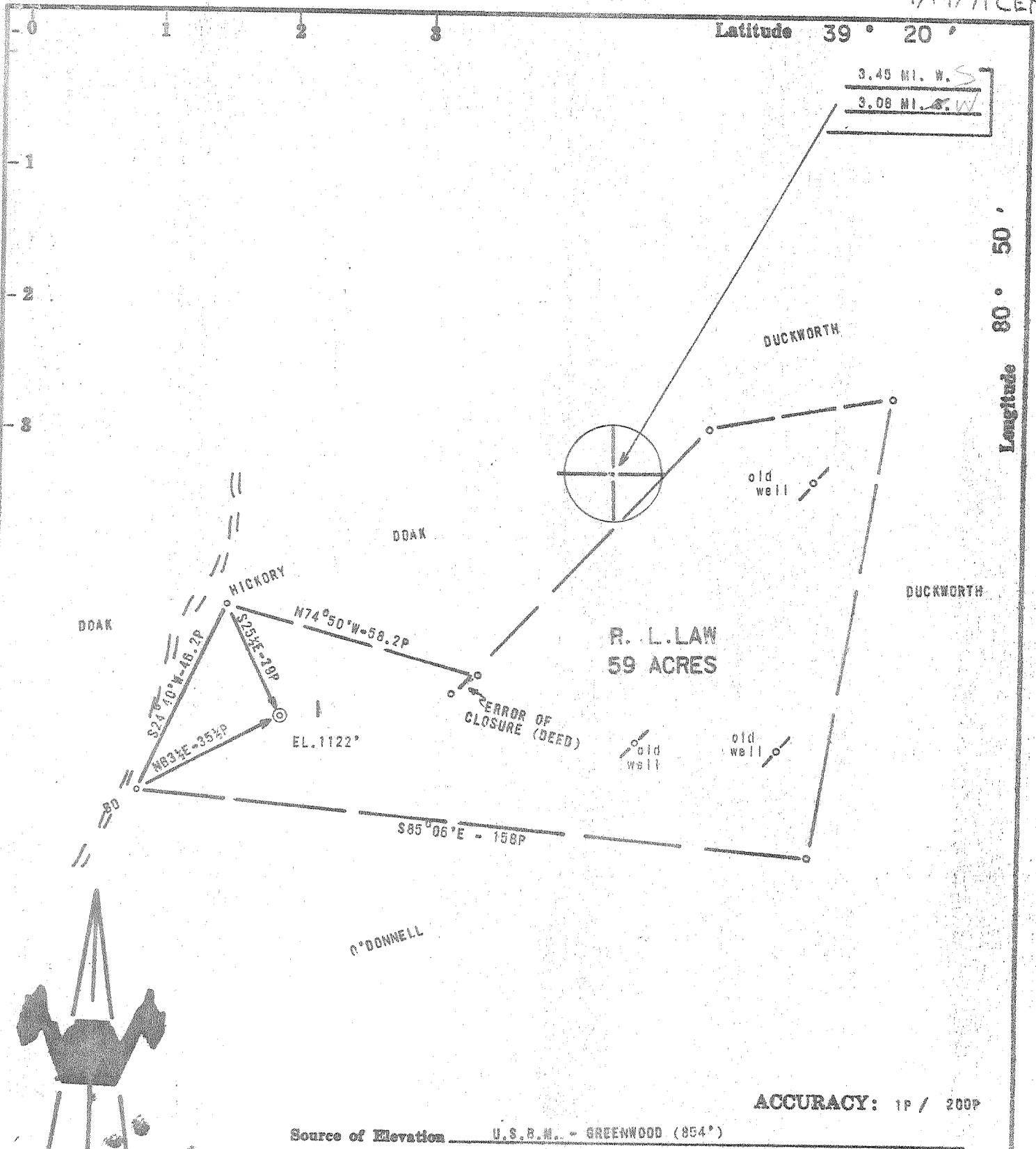
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

FILE NO. *Dot-1628-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.



ACCURACY: 1P / 200P

Source of Elevation U.S.B.M. - GREENWOOD (854')

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.

Chet Waterman

- New Location
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- Redrill

Company	W. LESLIE ROGERS		
Address	PENNSAULLEN, N. J.		
Farm	R. L. LAW		
Tract	Acres	59	Lease No.
Well (Farm) No.	1	Serial No.	
Elevation (Spirit Level)	1122'		
Quadrangle	WEST UNION SC		
County	DOODRIDGE	District	CENTRAL
Engineer	CHET WATERMAN		
Engineer's Registration No.	3788		
File No.	71003-267	Drawing No.	
Date	7/14/71	Scale	1" = 30P

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

WELL LOCATION MAP
FILE NO. Deed-1628

+ 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.

JUL 23 1971
AUG 9 1971

6-0 Greenwood 89



RECEIVED

SEP 7 1971

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

Rotary

Spudder

Cable Tools

Storage

Oil or Gas Well DRY

(KIND)

Quadrangle WEST UNION

Permit No. DOD-1628

WELL RECORD

Company W. LESLIE ROGERS
 Address PENNSAUKEN, N. J.
 Farm R. L. LAW Acres 59
 Location (waters)
 Well No. 1 Elev. 1122'
 District CENTRAL County DODDRIDGE
 The surface of tract is owned in fee by R. L. LAW
 Address PENNSBORO
 Mineral rights are owned by SAME
 Address
 Drilling commenced 8/10/71
 Drilling completed 9/3/71
 Date Shot From To

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10	422	422	
8 1/4	1212	-	Depth set
6 3/8	1926	-	
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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)

Attach copy of cementing record.
 CASING CEMENTED 10" SIZE all No. Ft. 8/11/71 Date
 Amount of cement used (bags) 105 sacks
 Name of Service Co. LAWSON
 COAL WAS ENCOUNTERED AT NONE FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.)
 ROCK PRESSURE AFTER TREATMENT HOURS
 Fresh Water none Feet Salt Water 1518 Feet
 Producing Sand Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
SHALE			0	50			
SAND			50	70			
SHALE			70	135			
SAND			135	160			
SHALE			160	610			
SAND			610	640			
SHALE			640	965			
SAND			965	1010			
SHALE			1010	1115			
SAND			1115	1126			
SHALE			1126	1190			
SAND			1190	1240			
SHALE			1240	1430			
SAND			1430	1480			
SHALE			1480	1488			
SAND			1488	1552			
SHALE			1552	1638			
SAND			1638	1670			
SHALE			1670	1706			
SAND			1706	1720			
SHALE			1720	1815			
SAND			1815	1874			
SHALE			1874	1885			
LIME			1885	1898			
SHALE			1898	1933			
LIME			1933	2002			
SANDY LIME			2002	2018	smell gas		
SHALE			2018	2020			
SAND			2020	2084			
SHALE			2084	2114	TOTAL DEPTH		

Big Injun