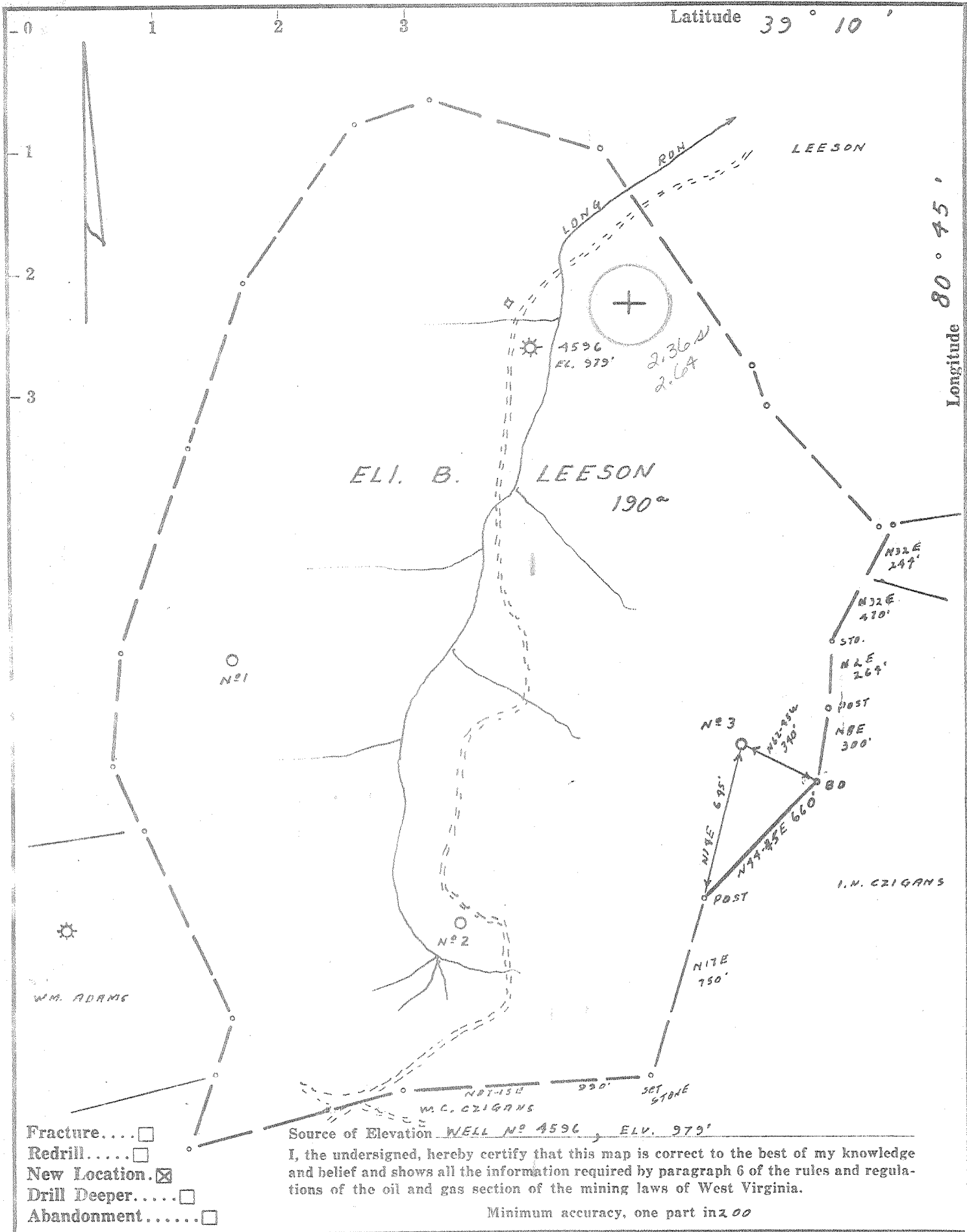


2/24/69 LEH



Company WILLARD E. FERRELL
 Address PHILADELPHIA, PA. Box 5056
 Farm ELI B. LEESON
 Tract _____ Acres 190 Lease No. _____
 Well (Farm) No. 3 Serial No. _____
 Elevation (Spirit Level) 1221'
 Quadrangle HOLBROOK NE-4² EC
 County DODD RIDGE District SOUTHWEST
 Engineer James P. [Signature]
 Engineer's Registration No. 1084
 File No. 217/146 Drawing No. _____
 Date 10-17-68 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. Dod-1547

+ 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 2

Rotary
Spudder
Cable Tools
Storage

Quadrangle.....

Permit No. DODD- 1547

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Willard E. Ferrell, Agent-Tamiami Dev. Co.
Address P.O. Box 5056, Philadelphia, Pa. 19111
Farm Eli B. Leason Acres 190
Location (waters).....
Well No. 3 Elev. 1221
District Southwest County Doddridge
The surface of tract is owned in fee by Eli B. Leason, Heirs.
Address West Union, W. Va.
Mineral rights are owned by Leason Heirs, C.R. Spencer
Agent for heirs Address West Union, W. Va.
Drilling commenced Apr. 4, 1969
Drilling completed May 1, 1969
Date Shot..... From..... To.....
With Frac. May 6, 1969

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	29 ft.	20 ft	Kind of Packer
13			
10	202-10	202-10	Size of
8 1/4	966		
6 3/4			Depth set
5 3/16			
4 1/2	2004	2004	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow 5 /10ths Water in..... Inch
..... /10ths Merc. in..... Inch
Volume 25 Cu. Ft.
Rock Pressure Not taken lbs..... hrs.
Oil..... bbls., 1st 24 hrs.

Attach copy of cementing record.
CASING CEMENTED 4 1/2 SIZE 204 No. Ft. 5/3/69 Date
Amount of cement used (bags) 115
Name of Service Co. Lawson
COAL WAS ENCOUNTERED AT..... FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES
..... FEET..... INCHES..... FEET..... INCHES

WELL ACIDIZED (DETAILS).....

WELL FRACTURED (DETAILS) 500 gal acid- 825 bla fluid, 50000 lbs sand.

RESULT AFTER TREATMENT (Initial open Flow or bbls.).....

300m cuft. 300,000

ROCK PRESSURE AFTER TREATMENT.....

325 HOURS 24

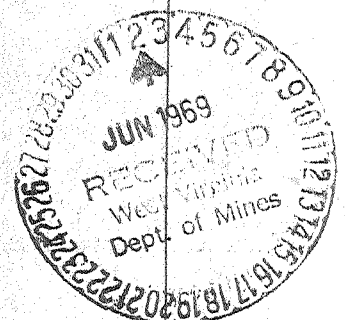
Fresh Water..... Feet.....

Salt Water..... Feet.....

Producing Sand.....

Big Injun Depth 1915-1958

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	50			
Sand			50	55			
Slate			55	60			
Sand			60	75			
Red Rock			75	125			
Slate & Shells			125	212			
Red Rock			212	270			
Lime			270	315			
Sand			315	328			
Slate			328	336			
Red Rock			336	388			
Slate & Shells			388	428			
Lime			428	443			
Slate & Shells			443	490			
Lime (Gritty)			490	590			
Red Rock			590	638			
Sand			638	683			
Lime			683	705			
Slate & Shells			705	765			
Red Rock			765	827			
Slate & Shells			827	1060			
Sand			1060	1144			
Blk. Slate			1144	1147			
Lime (Gritty)			1147	1173			
Slate & Shells			1173	1191			
Sand			1191	1250			
Slate & Shells			1250	1285			
Sand			1285	1306			
Slate			1306	1311			
Sand			1311	1335			



JUN 8 1969

Formation	Color	Hard or Soft	Top <u>2</u>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & Shells			1335	1495			
Sand			1495	1630			
Slate & Shells			1630	1655			
Slate Blk.			1655	1745			
Red Limb			1745	1768			
Slate			1768	1775			
Limb			1775	1788			
Slate			1788	1808			
Sand			1808	1824			
Limb			1824	1880			
Sand			1880	1889			
Limb			1889	1915			
Sand			1915	1958			
Slate			1958	2007			
Total Depth				2007			

Big Injun

Date May 29, 1949

APPROVED Holland E. Fernald, Owner

By _____ (Title)