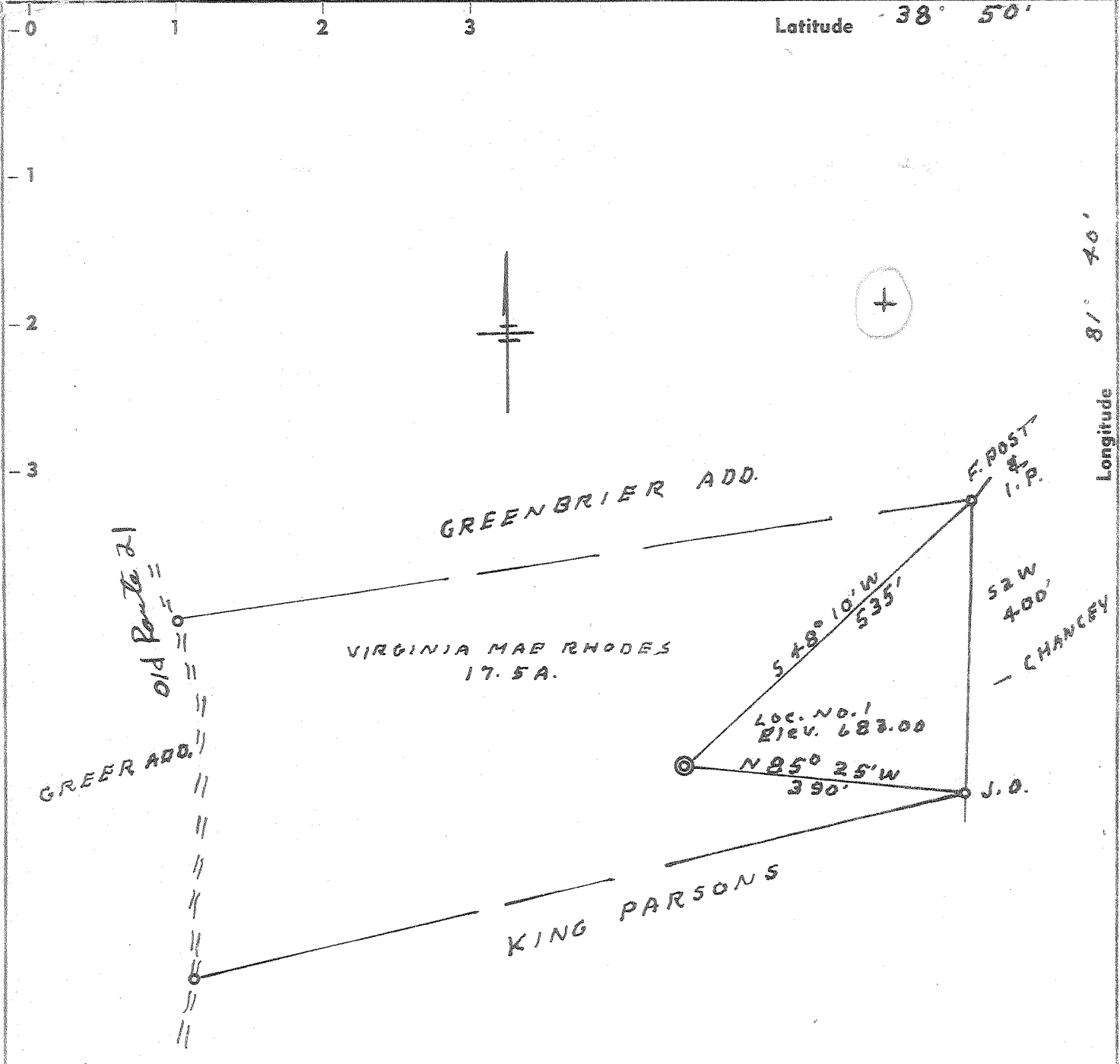


Latitude 38° 50'



Handwritten notes:
~~2.08 S~~ 2.06 S
~~1.58 W~~ 1.56 W
 9-c (H-5)

ACCURACY 1" IN 200'

New Location SOURCE ELEY, RIPLEY WHOLESALE GROCERY NO. 1 616.00
 Drill Deeper
 Redrill
 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."
 11-4-68

Company	GERALD D. JONES
Address	SPENCER, W. VA.
Farm	VIRGINIA MAE RHODES
Tract	Acres 17.5 Lease No.
Well (Farm) No.	1 Serial No.
Elevation (Spirit Level)	683.00
Quadrangle	RIPLEY SW
County	JACKSON District RIPLEY
Engineer	L. J. Dye
Engineer's Registration No.	804
File No.	Drawing No.
Date	6-17-65 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. *Jac-1104-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.

6-6-65 (192) Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Ripley

Permit No. JAC - 1104

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Gerald D. Jones
Address Spencer, West Virginia
Farm Virginia Mae Rhodes, et al Acres 17.5
Location (waters) Mill Creek
Well No. 1 Elev. 683.00'
District Ripley County Jackson
The surface of tract is owned in fee by Virginia Mae Rhodes
Address Ripley, W. Va.
Mineral rights are owned by Virginia Mae Rhodes et al
Address Ripley, W. Va.

Drilling commenced June 22, 1965
Drilling completed July 15, 1965
Date Shot --- From --- To ---
With ---

Open Flow 8/10ths Water in (natural) 2 Inch
--- /10ths Merc. in --- Inch
Volume 400 thousand Cu. Ft.
Rock Pressure 1500 lbs. 25 hrs.
Oil none bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) ---

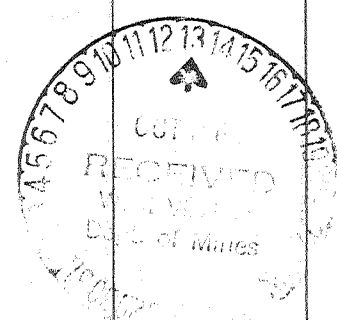
WELL FRACTURED (DETAILS) 7-20-65 26,000 lbs. of sand; 500 gallons of mud acid; well
broke down at 2500 lbs. pressure; finished fracturing at 4900 lbs.

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 400 Thousand Cubic Feet open flow
ROCK PRESSURE AFTER TREATMENT 1500 HOURS 25
Fresh Water 1,000 bbls. Feet --- Salt Water --- Feet ---
Producing Sand Oriskany Depth 5,052'

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10		40'	Size of
8 1/4			
6 5/8		2,130'	Depth set
5 3/16			
4 1/2		5,050'	
3			Perf. top <u>4,952'</u>
2		4,950'	Perf. bottom <u>4,956'</u>
Liners Used			Perf. top <u>4,966'</u>
			Perf. bottom <u>4,970'</u>

Attach copy of cementing record. 3 holes
CASING CEMENTED 4 1/2 SIZE 5,050 No. Ft. 7-15-65 Date
Amount of cement used (bags) 80 sacks
Name of Service Co. Well Service Company
COAL WAS ENCOUNTERED AT none FEET --- INCHES
--- FEET --- INCHES --- FEET --- INCHES
--- FEET --- INCHES --- FEET --- INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface	Red Clay	Soft	0	40			
Slate	Gray	Soft	40	300			
Red Rock	Red	Soft	300	495			
Sand	White	Soft	495	550			
Slate	Blue	Soft	550	655			
Sand	Gray	Soft	655	750			
Red Rock	Red	Soft	750	800			
Slate	Gray	Soft	800	1,255			
Sand	Gray	Soft	1,255	1,295			
Slate	Gray	Soft	1,295	1,330			
Sand	Gray	Soft	1,330	1,385			
Slate	Gray	Soft	1,385	1,625			
Sand	Gray	Soft	1,625	1,750			
Slate	Gray	Soft	1,750	1,815			



Formation	Color	Hard or Soft	Top ¹²	Bottom	Oil, Gas or Water	Depth Found	Remarks
✓ Big Lime	Gray	Soft	1,815	1,950			
✓ Injun Sand	Gray	Soft	1,950	2,100			
Slate & Shells	Gray	Soft	2,100	2,500			
Slate	Gray	Soft	2,500	3,800			
Shale	Brown	Soft	3,800	4,860			
✓ Lime ⁴⁶³	Gray	Soft	4,860	4,955			
✓ Oriskany	Gray	Soft	4,955	4,990	475	①	
✓ Slate	Gray	Soft	4,990	4,995			
Sand	Gray	Soft	4,995	5,015			
Slate ⁷ <i>Hellerberg</i>	Gray	Soft	5,015	5,052	TD 485		

Date October 11, 1965

APPROVED Gerald D. Jones, Owner

By Owner (Title)