

ACCURACY 1" IN 200'

New location SOURCE ELEV. RIPLEY WHOLESALE GROCERY No. 1 587.00
 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."

Small Oil & Gas Co. Inc.
 Company *Small Oil & Gas Co. Inc.*
 Address *7th Spring St. Charleston W. VA. 25302*
 Form *CLOVER LEAF CONSTRUCTION CO. INC.*
 Tract _____ Acres *10.5* Lease No. _____
 Well (Farm) No. *1* Serial No. _____
 Elevation (Spirit Level) *652.00*
 Quadrangle *RIPLEY SW*
 County *JACKSON* District *RIPLEY*
 Engineer *L. F. Dye*
 Engineer's Registration No. *802*
 File No. _____ Drawing No. _____
 Date *5-11-65* Scale *1" = 40 POLES*

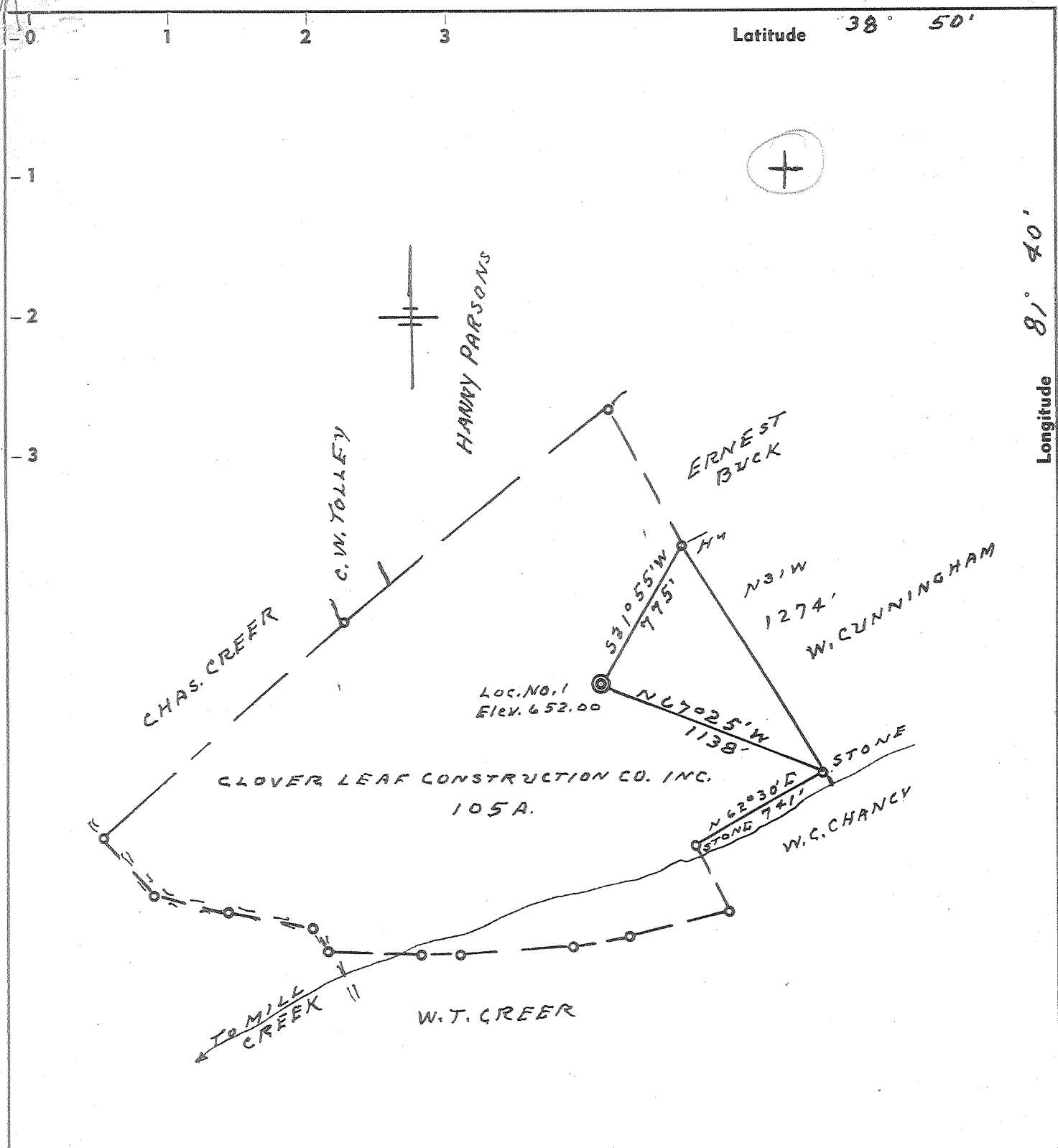
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. *JAC-1098-P*

+ 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.

47-035 OCT 1 1974

Deep well



1.165 1.14-5
 1.97W 1.93-W
 9-NC(H-S)

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Company	GERALD D. JONES
Address	SPENCER, W. VA.
Farm	CLOVER LEAF CONSTRUCTION CO. INC.
Tract	Acres 105 Lease No.
Well (Farm) No.	1 Serial No.
Elevation (Spirit Level)	652.00
Quadrangle	RIPLEY - SW
County	JACKSON District RIPLEY
Engineer	L. F. Dye
Engineer's Registration No.	804
File No.	Drawing No.
Date	5-11-65 Scale 1" = 40 POLES

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

WELL LOCATION MAP
 FILE NO. JAC-1098

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6-6 (192)

Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 12

ROTARY

Quadrangle Ripley

Permit No. JAC-1098

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company Gerald D. Jones
Address Spencer, West Virginia
Farm Cloverleaf Const. Co., Inc. Acres 105A
Location (waters) Mill Creek
Well No. 1 Elev. 652
District Ripley County Jackson
The surface of tract is owned in fee by Cloverleaf Const. Company, Inc. Address Ripley, W. Va.
Mineral rights are owned by Cloverleaf Construction Company, Inc. Address Ripley, W. Va.
Drilling commenced 6-1-65
Drilling completed 6-15-65
Date Shot 6-16-65 From 4,945 To 4,950
with 30,000# Sand & 850 BBLs. Water

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
18			Kind of Packer
13	30'	30'	
10			Size of
8 3/4			Depth set
7" 24#	2,090'	2,090'	
5 3/16			Perf. top <u>4,945'</u>
4 1/2"	5,030'	5,030'	Perf. bottom <u>4,950'</u>
2			Perf. top
Liners Used			Perf. bottom

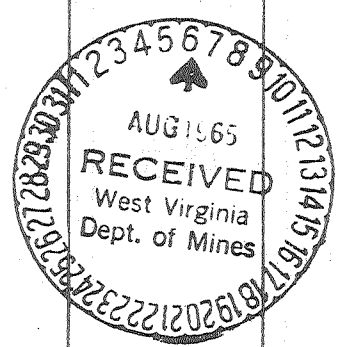
Open Flow /10ths Water in _____ Inch
39 /10ths Merc. in 4 Inch
Volume 1,917 Cu. Ft.
Rock Pressure 1,590 lbs. 24 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

CASING CEMENTED 4 1/2 SIZE 5,030 No. Ft. 6-10-65 Date
Amount of Cement Used (bags) 100
Name of Service Co. Well Service
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 Found	Remarks
Surface	Red Clay	Soft	0	35			
Slate	Gray	Soft	35	40			
Sand	White	Soft	40	50			
Slate	Blue	Soft	50	75			
Red Rock	Red	Soft	75	130			
Slate	Blue	Soft	130	160			
Red Rock	Red	Soft	160	200			
Slate	Blue	Soft	200	285			
Red Rock	Blue	Soft	285	370			
Slate	Blue	Soft	370	410			
Sand	White	Soft	410	430			
Slate	Blue	Soft	430	470			
Red Rock	Blue	Soft	470	495			
Sand	White	Soft	495	540			
Slate	Blue	Soft	540	655			
Sand	White	Soft	655	700			
Slate	White	Soft	700	760			
Red Rock	White	Soft	760	775			
Slate	Blue	Soft	775	825			
Red Rock	Blue	Soft	825	835			
Slate	Blue	Soft	835	940			
Red Rock	Blue	Soft	940	960			
Slate	White	Soft	960	970			
Slate & Shells	Black	Hard	970	1,225			
Sand	White	Hard	1,225	1,345			



Well Fractured (Details) 30,000# Sand 850 Bbls. Water
Result After Treatment (I.C.F. or Bbls) 100,000
Rock Pressure after treatment - 1,590' - 24 hrs.
Salt Water 1,630' Hole full
Producing sand - Oriskany

Deep Well

Formation	Color	Hard or Soft	Top <i>12</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & Shells	Dark	Hard	1,345	1,510			
Sand	White	Hard	1,510	1,535			
Slate	Black	Hard	1,535	1,605			
Salt Sand	White	Hard	1,605	1,820	Water	1,640	
Big Lime Sand	White	Hard	1,820	1,970			
Injun Shale & Shells	Blueish Brown	Hard	1,970	2,110			
Brown Shale	Brown	Hard	2,110	2,850			
Cornif. Lime	Brown	Soft	2,850	4,825			
Oriskany Lime - <i>463</i>		Hard	4,825	4,915			
Lime - <i>Hellerberg</i>		Hard	4,915	4,955	Gas	4,930	
T.D.		Hard	4,955	5,033			
				5,033			

70
485

Date August 5, 19 65
 APPROVED Gerald P. Jones, Owner
 By Carter (Title)