

Minimum Error of Closure 1' in 200'

Source of Elevation U.S.G.S. B.M. in Large Rock near Junct. of Rd. 136 1/4

stamped "626 AdJ" El. 625.89

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.

Surface: Ora L. Rake
Ekron, Kentucky 40117

Fracture

~~Drill Deeper~~

Drill Deeper

Abandonment

Signed: *A.L. Hillbert*

Map No. 31W

Squares: N S38 E W53

issued 6-27-70

Company	PENNZOIL UNITED, INC.		
Address	P. O. Box 1588, Parkersburg, W. Va.		
Farm	Lewis G. Helmick et al.		
Tract	Acres 170	Lease No.	14774
Well (Farm) No.	1	Serial No.	
Elevation (Spirit Level)	1062.67 Gr.		
Quadrangle	Ripley	EC	
County	Jackson	District	Washington
Engineer	<i>A.L. Hillbert</i>		
Engineer's Registration No.	2534		
File No.	1511	Drawing No.	
Date	May 25, 1970	Scale	1" = 800'

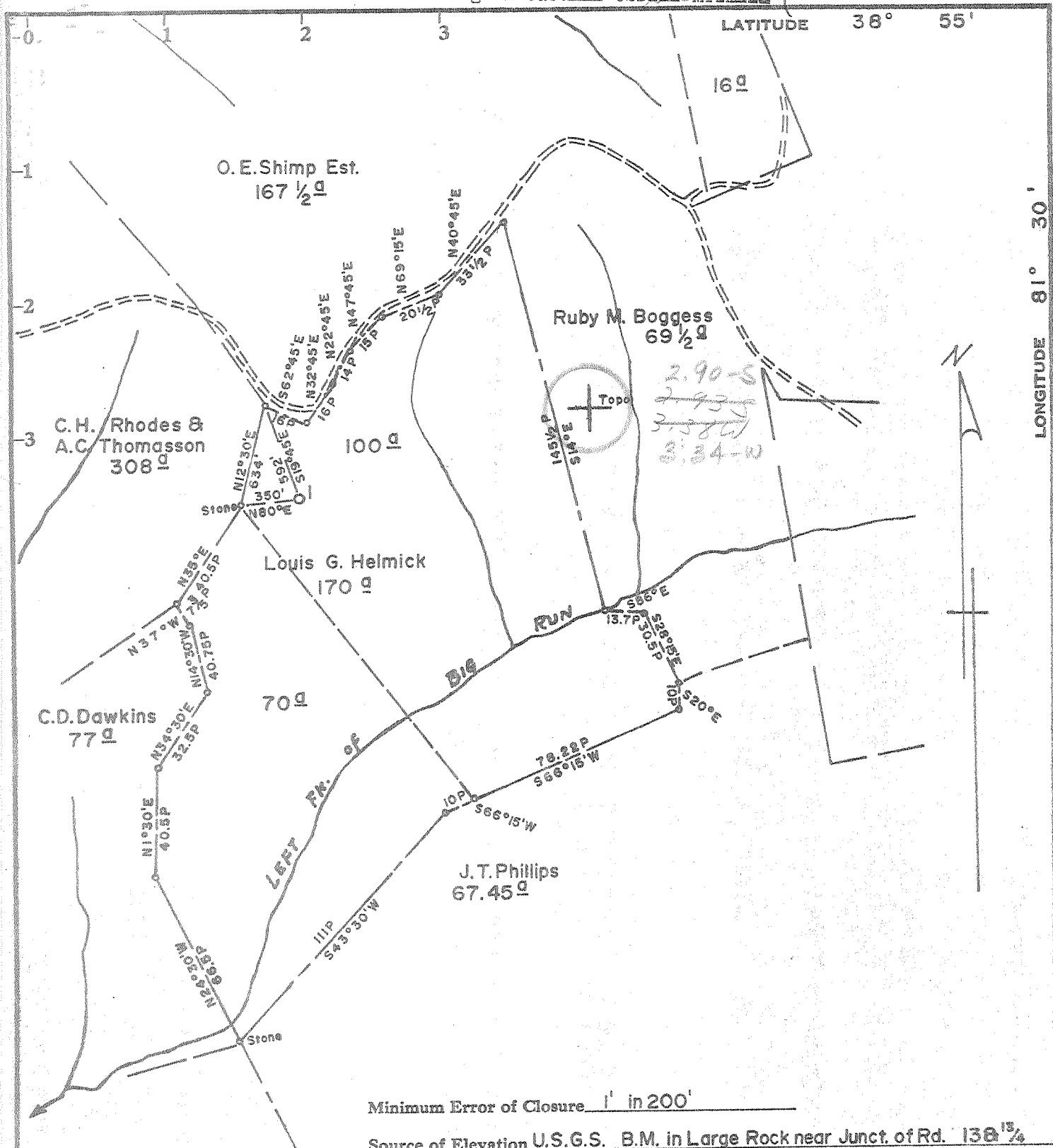
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

FILE NO. *JAC-1210-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.



Minimum Error of Closure 1' in 200'

Source of Elevation U.S.G.S. B.M. in Large Rock near Junct. of Rd. 138¹⁵/₄
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Surface: Ora L. Rake
 Ekron, Kentucky 40117

Fracture

New Location

Drill Deeper

Abandonment

Signed: *A.C. Wilbert*

Map No. 31W Squares: N S38 E W53

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

WELL LOCATION MAP

FILE NO. *JAG-1210*

+ 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.



RECEIVED

DEC 28 1970

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

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle RIPLEY
Permit No. JACK-1210 Revised

WELL RECORD

Oil or Gas Well P&A (KIND) *Drey*

Company PENNZOIL UNITED, INC.
Address Box 1588, Parkersburg, W. Va. 26101
Farm Lewis G. Helmick Acres 170
Location (waters) _____
Well No. 1-Revised Elev. 1055.68'
District Washington County Jackson
The surface of tract is owned in fee by Ora L. Rake
Ekron, Kentucky Address _____
Mineral rights are owned by Harriett S. Beury, et vir
1112-A Va. St., E. Charleston, W. Va. Address _____
Drilling commenced 6-13-70
Drilling completed 6-27-70
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
_____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			
8 1/4	32	32	Depth set
6 3/4			
5 3/16			Perf. top
4 1/2			Perf. bottom
3			Perf. top
2			Perf. bottom
Liners Used			

Attach copy of cementing record.
CASING CEMENTED 8-5/8" SIZE 32 No. Ft. 6-13-70 Date
10 sks.
Amount of cement used (bags) _____
Name of Service Co. _____
COAL WAS ENCOUNTERED AT _____ 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 _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay	Red		0	20			
Red Rock			20	99			
Shale	Grey		99	320			
Sandy Shale			320	1040			
Red Rock			1040	1069			
Sandy Shale			1069	1984			
Salt Sand			1984	2016			
Lime			2016	2136			
Big Lime			2136	2260			
Pinell Cave			2260	2278			
Injun			2278	2338			
Shale			2338	2714			
Berea			2714	2716			
Shale			2716	2793			
Total Depth				2793'			