

MINIMUM ERROR OF CLOSURE $\frac{1}{250}$

SOURCE OF ELEVATION U.S.C. & G. B.M. J-81, LOCATED ON TRESTLE WALL ACROSS WILHELM RUN

New Location
 Drill Deeper
 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."

Company CUTLIP & CREMER
 Address 3000 - 27TH ST., PARKERSBURG, W.VA.
 Farm JOHN M. L. SMITH
 Tract 3 Acres 102 1/4 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 849.2'
 Quadrangle WEST UNION, W. VA. - SE
 County DODDRIDGE District CENTRAL
 Engineer Warren S. Frank
 Engineer's Registration No. 3688
 File No. _____ Drawing No. _____
 Date APRIL 16, 1965 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. DOD-1247

+ 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.

6-6-91



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 3

Rotary
Spudder
Cable Tools
Storage

Quadrangle

WELL RECORD

Permit No. **Dod-1247**

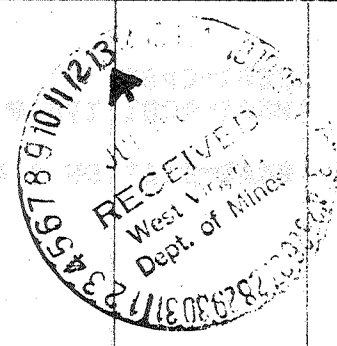
Oil or Gas Well Gas
(KIND)

Company C. & C. Wells Ltd. (Cutlip & Cremer)	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address 3000 27th. St. Parkersburg, W.Va.	Size			
Farm J.M.L. Smith Acres. 102	16	20'	20'	Kind of Packer
Location (waters) Arnold's Creek	13			
Well No. 1 Elev. 849.5	10	485'		Size of
District Central County Doddridge	8 1/4	996'		
The surface of tract is owned in fee by West Union Bank	6 5/8			Depth set
Address West Union, W.Va.	5 3/4	1964'	1964'	
Mineral rights are owned by J. M. L. Smith & Others.	4 1/2			Perf. top 1818'
Address West Union, W.Va.	3			Perf. bottom
Drilling commenced May 17, 1965.	2	1952'	1952'	Perf. top
Drilling completed June 13, 1965	Liners Used			Perf. bottom 1850'
Date Shot From To				
With				

Open Flow **105** /10ths Water in **1"** Inch
 /10ths Merc. in _____ Inch
 Volume **200,000** Cu. Ft.
 Rock Pressure **225** lbs. **10** hrs.
 Oil Show _____ bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) _____
 WELL FRACTURED (DETAILS) **June 19, 1965 Dowell 785 bbls. Water 36,000# Sand**

RESULT AFTER TREATMENT (Initial open Flow or bbls.) **313,000 cuft. S. SHOW OIL.**
 ROCK PRESSURE AFTER TREATMENT **60#** HOURS **72**
 Fresh Water **400** Feet Salt Water _____ Feet
 Producing Sand **Injun** Depth **1804 to 1907**

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Mud		Soft	0	20			
Red Rock	Red	"	20	40			
Slate & Shells	Blk.	"	40	80			
Red Rock	Red	"	80	125			
Slate	Gr.	Hard	125	150			
Red Rock	Red	"	150	200			
Sl. & Shells	Gr.	"	200	240			
Red Rock	Red	Soft	240	280			
Slate-Shells	Gr.	"	280	300			
Red Rock	Rd.	"	300	360			
Sand-Slate	Gr.	Hard	360	390			
Sand	"	"	390	415	Water	400	3 Bailers
Slate-Shells	"	"	415	475			
Slate	Blk.	Soft	475	482			
Lime	"	Hard	482	490			
Slate-Shells	"	"	490	575			
Lime	"	"	575	600			
Pink Rock	Pink	Soft	600	610			
Slate-Shells	Gr.	"	610	625			
Red Rock	Rd.	Med.	625	695			
Slate-Shells	Dark	"	695	750			
Sand	Gr.	Hard	750	792			
Slate	"	Med.	792	805			
Red Rock	Rd.	"	805	830			
Lime	Gr.	Hard	830	865			



Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate-Shells	Dark	Med.	868	880			
Pink Rock	Pink	Soft	880	900			
Bunkard Lime	Dark	Hard	900	940			
Slate-Shells	"	Soft	940	978			
Britty Lime	Grey	Hard	978	998			
Slate-Shells	Dark	Soft	998	1030			
Lime	Grey	Hard	1030	1080			
Slate-Shells	Blk.	Med.	1080	1100			
Sand	Grey	Hard	1100	1190			
Slate-Shells	Blk.	Soft	1190	1280			
Lime	Dark	Hard	1280	1282			
Sand	Grey	Med.	1282	1365			
Slate-Shells	Dark	Med.	1365	1475			
Sand	Grey	Hard	1475	1560			
Slate-Shells	Dark	Soft	1560	1590			
Sand	Grey	Hard	1590	1600			
Slate Break	Dark	Med.	1600	1610			
Waxen Sand	Grey	Hard	1610	1643			
Red Rock	Rd.Gr.	Med.	1643	1655			
Slate-Shells	Gr.	Med.	1655	1698			
Little Lime	Dark	Hard	1698	1713			
Slate	Dark	Soft	1713	1716			
Blue Monday	Bl.	Hard	1716	1740	Show 0 AG	1716-1725	
Big Line	Dark	Hard	1740	1804			
Coener Sand	L.Gr.	Med.	1804	1838	Gas & Oil	1804-1828	
Jun Sand	L.Gr.	Hard	1838	1907	Oil	1840-1852	
Quay-Slate	Dark	Med.	1907	1938			
Slate	"	"	1938	1964 T.D.			

Date July 10, 1965

APPROVED C. V. C. Wells, Ltd. Owner

By J. H. Buckley, Gen. Partner
(Title)