

I, THE UNDERSIGNED HEREBY CERTIFY THAT THIS MAP IS CORRECT, TO THE BEST OF MY KNOWLEDGE & BELIEF, AND SHOWS ALL THE INFORMATION REQUIRED BY PARAGRAPH 6 OF THE RULES AND REGULATIONS OF THE OIL & GAS SECTION OF THE MINING LAWS OF W. VA.

OCTOBER 23, 1963 SIGNED: Gordon W. Sammons

ACCURACY 1:2500  
G.W.S.

- New Location...
- Drill Deeper.....
- Abandonment.....

Company	<u>Morris Fruchtman</u>
Address	<u>805 Chicago St., Toledo, Ohio</u>
Farm	<u>HERBERT KELLEY</u>
Tract	Acres <u>249.02</u> Lease No. _____
Well (Farm) No.	<u>1</u> Serial No. _____
Elevation (Spit Level)	<u>1309</u>
Quadrangle	<u>CAMERON - SW</u>
County	<u>MARSHALL</u> District <u>FRANKLIN</u>
Engineer	<u>Gordon W. Sammons</u>
Engineer's Registration No.	<u>509</u>
File No.	_____ Drawing No. _____
Date	<u>OCT-23-1963</u> Scale <u>1" = 500'</u>

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

**WELL LOCATION MAP**  
FILE NO. MARS-520

+ 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 //

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Cameron

Permit No. Mars-520

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Morris Fruchtman  
Address 805 Chicago St., Toledo, Ohio  
Farm Herbert Kelley Acres 249.07  
Location (waters) \_\_\_\_\_  
Well No. No. 1 (One) Elev. 1309'  
District Franklin County Marshall  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Herbert F. Kelley  
R.D. #3, Proctor, W.Va. Address \_\_\_\_\_  
Drilling commenced December 6, 1963  
Drilling completed January 17, 1964  
Date Shot Not From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 254,140 Cu. Ft.  
Rock Pressure 600 lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED Not  
WELL FRACTURED Not

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	16'	16'	Kind of Packer <u>Anchor</u>
13			
10	295'	0	Size of _____
8 1/4	1384'	1384'	
6 1/2	1798'	0	Depth set <u>2035</u>
5 3/16			
3			Perf. top _____
2 tubing		2090	
Liners Used			Perf. bottom _____
			Perf. top _____
			Perf. bottom _____

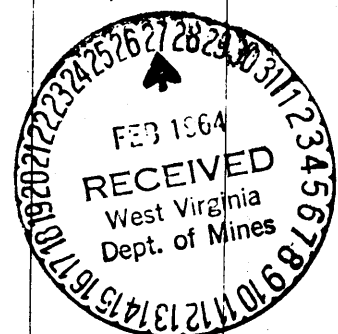
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 833-834 FEET \_\_\_\_\_ INCHES  
922-928 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	16			
Limestone			16	25			
Shale			25	42			
Red Rock			42	50			
Limestone			50	58			
Shale			58	78			
Red Rock			78	87			
Shale			87	101			
Limestone			101	116			
Red Rock			116	127			
Soapstone			127	140			
Limestone - gritty			140	148	H2o	135'	
Shale - blue			148	155			
Red Rock			155	161			
Shale			161	186			
Sandstone			186	202			
Red Rock			202	212			
Shale & Red Rock			212	260			
Limestone			260	265			
Shale			265	310			
Red Rock			310	318			
Limestone			318	324			
Shale			324	330			
Limestone			330	342			
Sandstone			342	370			
Shale & Red Rock			370	397			
Sandy Shale			397	411			



Formation	Color	Hard or Soft	Top //	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale			411	455			
Limestone			455	468			
Shale			468	515			
Shale & Shells			515	595			
Sandstone			595	608			
Shale			608	660			
Limestone			660	665			
Shale & Red Rock			665	688			
Limestone			688	694			
Shale			694	708			
Limestone			708	716			
Shale			716	723			
Limestone			723	748			
Shale			748	755			
Limestone - gritty			755	767			
Shale			767	776			
Limestone			776	826			
Shale			826	833			
Coal (Mapletown)			833	834			
Shale			834	838			
Limestone			838	868			
Shale & Limestone			868	884			
Limestone			884	901			
Slate			901	904			
Limestone			904	910			
Slate			910	922			
Coal Pdg			922	928			
Slate			928	950			
Red Rock			950	958			
Slate			958	982			
Limestone			982	992			
Shale			992	1003			
Red Rock			1003	1008			
Shale			1008	1020			
Limestone			1020	1032			
Red Rock			1032	1070			
Shale			1070	1080			
Limestone			1080	1087			
Shale			1087	1096			
Red Rock			1096	1110			
Shale & Shells			1110	1150			
Limestone			1150	1156			
Shale			1156	1180			
Sandstone			1180	1192			
Shale			1192	1201			
Red Rock			1201	1230			
Shale			1230	1235			
Limestone			1235	1240			
Shale & Shells			1240	1298			
Red Rock			1298	1320			
Limestone			1320	1332			
Limestone			1332	1339			
Shale - dark			1339	1371			
Sandstone			1371	1403			
Shale			1403	1447			
Sandstone			1447	1466			
Limestone			1466	1476			
Sandstone			1476	1508			
Shale			1508	1567			
Sandstone			1567	1597			
Shale			1597	1608			
Sandstone			1608	1617			
Shale & Shells			1617	1639			

(continued on next page)

Date \_\_\_\_\_, 19\_\_\_\_

APPROVED \_\_\_\_\_, Owner

By \_\_\_\_\_

(Title)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 11A

Rotary   
Spudder   
Cable Tools   
Storage

(continued)

Quadrangle Cameron  
Permit No. Mars-520

WELL RECORD

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(KIND)

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Size			Kind of Packer _____
16			
13			
10			Size of _____
8 1/2			
6 3/4			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT \_\_\_\_\_  
ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_  
Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sandstone	<i>1st salt</i>		1639	1743	HFV	1665'	
Shale			1743	1764		1976	2040
Limestone			1764	1770		1309	1309
Shale			1770	1793		669	731
Sandy Shale			1793	1840			
Sandstone			1840	1940			
Sand			1940	1956	Water		2 bailers/hour
Sandstone	<i>Maxim</i>		1956	1971			
Shale			1971	1976			
Big Lime			1976	2040			
Sandstone	<i>Big Tiger</i>		2040	2091	Gas	2065-2080	
Total Depth				2091			

