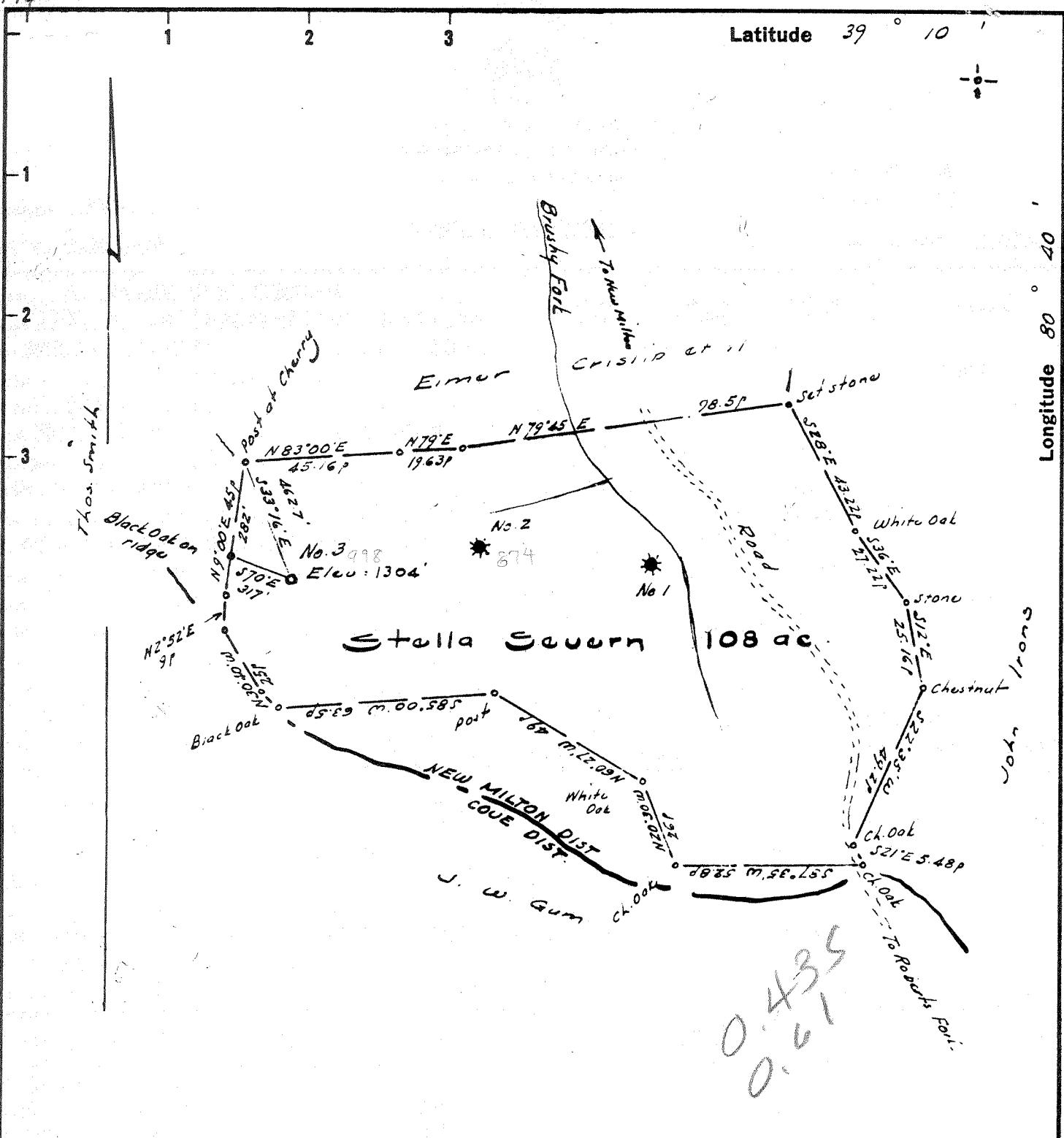


MA



Derivation of Elevation :-
 B.M. established at head of
 Brushy Fork - Elev. = 1336

This well location map shows the location of the well on the best of my knowledge and belief and shows all of the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

W. H. Christenson
 S. E. No. 1227

- New Location
- Drill Deeper
- Abandonment

Error in Closure :- Less than 1/250'

Company R. WAYNE CHRISTENSON
 Address 1161 North Ballenger Hy., Flint, Michigan
 Farm Stella Severn
 Tract Acres 108 Lease No.
 Well (Farm) No. Three Serial No.
 Elevation (Spirit Level) 1304
 Quadrangle Vadis W.C.
 County Doddridge District New Milton
 Engineer W. H. Christenson
 Engineer's Registration No. 1227
 File No. Drawing No.
 Date June 7, 1963 Scale 1" = 400' = 660'

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

WELL LOCATION MAP
 FILE NO. Dod-998

- + 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.

6-307



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle West Union

WELL RECORD

Oil or Gas Well BOTH
(KIND)

Permit No. DOD-998

Company R. WAYNE CHRISTENSON
Address 1161 N. Ballenger-Flint, Michigan
Farm STELLA SEVERIN Acres 108
Location (waters) Brushy Fork
Well No. THREE (3) Elev. 1304'
District New Milton County Doddridge
The surface of tract is owned in fee by
Stella Severin Address New Milton
Mineral rights are owned by Stella Severin-Lora
yce & Fannie Booth Address Clarksburg
Drilling commenced May 12th, 1964
Drilling completed July 1st, 1964
Date Shot none From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			NONE
16			Kind of Packer
13 13-3/8	24'	24'	
10 10-3/4	240'	240'	Size of
8 8-5/8	1257'	none	Depth set
6 6	1820'	XXXXXX 81'	
5 5 3/16	(pulled 1739')		
3 4-1/2	2416'	2416'	Perf. top <u>none</u>
2			Perf. bottom
Liners Used	<u>none</u>		Perf. top
			Perf. bottom

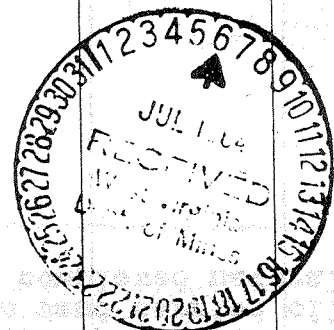
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 300 thousand Cu. Ft.
Rock Pressure 900 lbs. 24 hrs.
Oil 85 bbls., 1st 24 hrs.
WELL ACIDIZED no
WELL FRACTURED no

CASING CEMENTED 4-1/2 SIZE 2416' No. Ft. _____ Date _____
Lawson Cement Co. Weston. (copy enclosed)
30 scks. cement, 5 gal.
COAL WAS ENCOUNTERED AT NONE FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT (No treatment used, well came in natural)

ROCK PRESSURE AFTER TREATMENT
Fresh Water 72' Feet _____ Salt Water 1772' Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock	red	soft	0	24			
sand	white	"	24	48			
red rock	red	"	48	60			
white-slate	White	"	60	72			
sand	"	"	72	88	fresh water	72'	Surface-wat
red rock	red	"	88	117			
sand	white	"	117	122			
white-slate	"	"	122	129			
red rock	red	"	129	158			
sand	white	hard	158	163			
red rock	red	soft m	163	188			
white-slate	white	hard	188	192			
lime	"	"	192	205			
sand	"	"	205	227			
white-slate	"	"	227	237			
red rock	red	med	237	340			
sand	white	hard	340	355			
white slate	"	"	355	402			
lime	"	"	402	430			
white slate	"	"	430	455			
red rock	red	"	455	465			
slate	grey	"	465	475			
red rock	red	"	475	485			
lime	white	"	485	520			
red rock	red	soft	520	540			
sand	white	hard	540	558			
white slate	"	"	558	570			
red-r	Red	"	570	604			
gritty-lime	white	"	604	635			
white slate	"	"	635	645			



Formation	Color	Hard or Soft	Top /	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red rock	red	hard	645	665	Lime-white-hard-pencil-slate	2301--2323	
white slate	white	"	665	680		soft	2323--2340
gritty lime	"	"	680	705	Big Lime--white-hd	2340--2416	
slate	grey	"	705	715		Keener sand-white	2416--2430
sandy-lime	white	"	715	745	Injun sand-wht-hard	2430--2458	T.D
red rock	red	soft	745	760			
lime	white	hard	760	772			
white slate	"	soft	772	777			
sand	"	hard	777	864	Set 4 1/2 Pipe at 2416'		Injun sand carried oil and gas well completed natural
lime	"	"	864	880			
white slate	soft	white	880	897			
lime	hard	"	897	940			
sand	white	hard	940	960			
slate	grey	"	960	990			
sand	white	"	990	1056			
slate	grey	soft	1056	1059			
lime	white	hard	1059	1064			
red rock	red	"	1064	1100			
lime -	white	"	1100	1116			
white slate	"	soft	1116	1120			
red rock	red	"	1120	1154			
lime	white	hard	1154	1177			
red rock	red	"	1177	1207			
hard lime	white	"	1207	1225			
red rock	red	soft	1225	1244			
lime	white	hard	1244	1291			
white slate	"	"	1291	1308			
sand	"	"	1308	1314			
red rock	red	soft	1314	1334			
lime	white	hard	1334	1368			
slate	grey	"	1368	1373			
lime	white	"	1373	1416			
slate	grey	"	1416	1421			
sand	white	"	1421	1460			
slate	grey	soft	1460	1465			
sand	white	hard	1465	1486			
lime	"	"	1486	1495			
sand	"	"	1495	1560			
slate	grey	"	1560	1564			
lime	white	"	1564	1620			
slate	grey	"	1620	1630			
lime	white	"	1630	1670			
sand	"	"	1670	1680			
slate	grey	"	1680	1690			
lime	white	"	1690	1715			
white slate	"	soft	1715	1740			
lime	"	hard	1740	1772			
sand	"	"	1772	1836	salt water at 1772'		
slate	grey	"	1836	1848			
lime	white	"	1848	1955			
sand	"	"	1955	1985			
lime	"	"	1985	2024			
sand	"	"	2024	2034			
gritty lime	"	"	2034	2100			
slate	grey	"	2100	2155			
gritty lime	white	"	2155	2170			
slate	grey	"	2170	2173			
sand	white	"	2173	2196			
red rock	red	"	2196	2199			
lime	white	"	2199	2215			
red rock	red	soft	2215	2230			
lime	white	hard	2230	2255			
sate	grey	"	2255	2266			
lime	white	"	2266	2285			
slate	grey	"	2285	2290			
lime	white	"	2290	2298			
slate	grey	"	2298	2301			

Date July 3rd, 1964

APPROVED R. WAYNE CHRISTENSON, Owner

By *James Robinson*
 Homer Robinson (Title) Sup't.