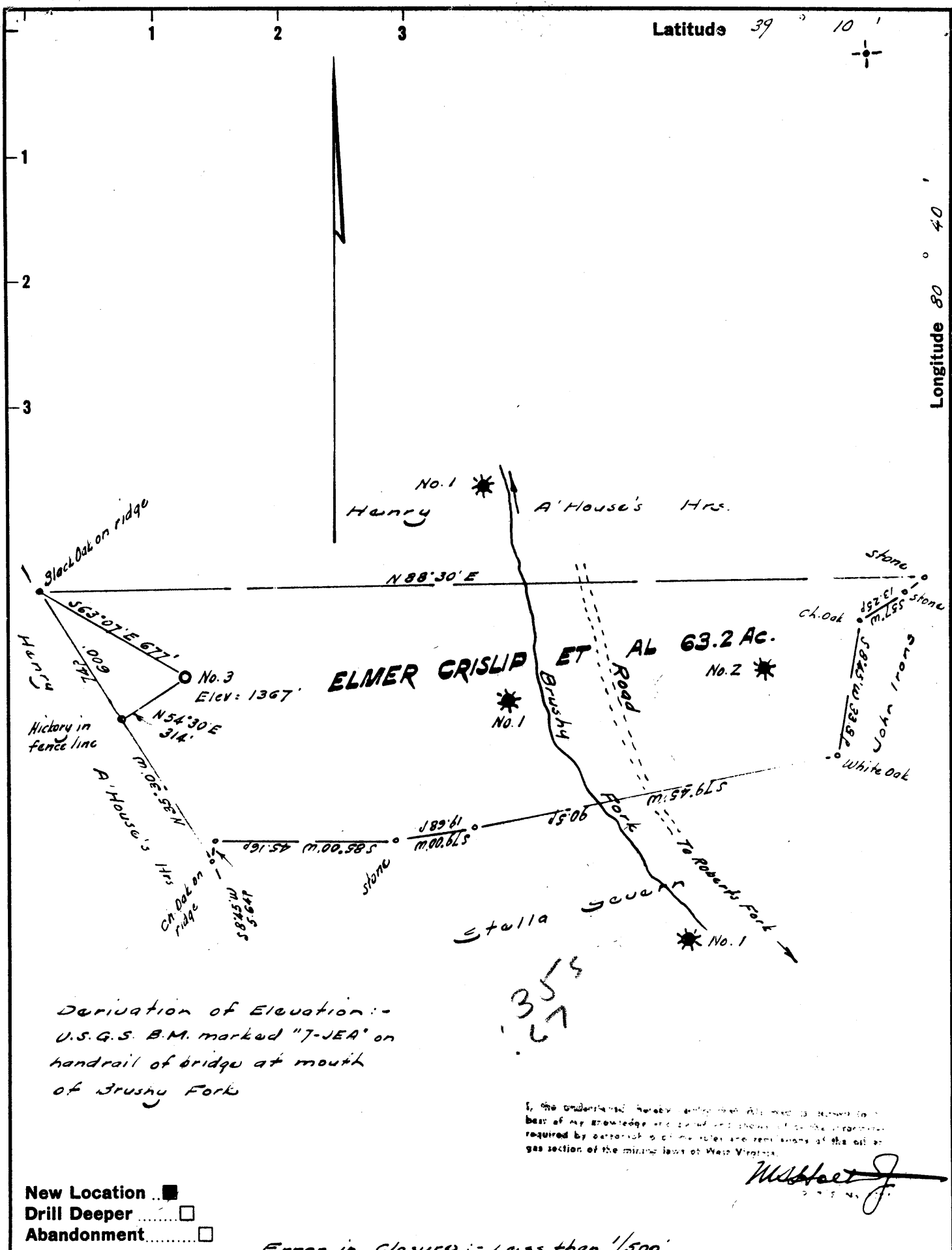


M

Latitude 39 10 1

Longitude 80 40 1



Derivation of Elevation:-
 U.S.G.S. B.M. marked "7-JEA" on
 handrail of bridge at mouth
 of Brushy Fork

I, the undersigned, hereby certify that this map is drawn to the best of my knowledge and belief and shows all of the information required by persons in the oil and gas section of the mining laws of West Virginia.

W. H. Hester
 ENGINEER

- New Location
- Drill Deeper
- Abandonment

Error in closure:- Less than 1/500'

Company R. WAYNE CHRISTENSON
 Address 1161 North Ballinger Hy., Flint, Mich.
 Farm Elmer Crislip, et al
 Tract _____ Acres 63.2 Lease No. _____
 Well (Farm) No. Three Serial No. _____
 Elevation (Spirit Level) 1367
 Quadrangle Vadis WC
 County Doddridge District New Milton
 Engineer W. H. Hester
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date June 8, 1963 Scale 1" = 300' = 495'

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

WELL LOCATION MAP
 FILE NO. Dod-999

+ 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 ⁵

Rotary
Spudder
Cable Tools
Storage

Quadrangle Yadis

Permit No. DOD-999

WELL RECORD

Oil or Gas Well Gas-Oil
(KIND)

Company R. Wayne Christenson
Address 1161 N. Balanger--Flint Michigan.
Farm Elmer Crislip Acres 63
Location (waters) Brushy Fork
Well No. three (3) Elev. _____
District New Milton County Doddridge
The surface of tract is owned in fee by Elmer Crislip
Address Salem, West Va.
Mineral rights are owned by Elmer Crislip et al
Address Salem, West Va.
Drilling commenced April 14th, 1964
Drilling completed May 28th, 1964
Date Shot none From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 100 thousand Cu. Ft.
Rock Pressure 720 lbs. 24 hrs.
Oil 100 bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			Size of _____
13			Depth set _____
10	253	253	Perf. top _____
8 1/4	1375	1375	Perf. bottom _____
6 5/8			Perf. top _____
5 3/16			Perf. bottom _____
4 1/2	2495	2495	
2			
Liners Used			

CASING CEMENTED yes SIZE 4 1/2 No. Ft. 2495 Date May 28th, 1964
Lawson Cement Co--Weston 50 bags cement
COAL WAS ENCOUNTERED AT 10 sh. aquagel FEET _____ INCHES _____
FEET _____ INCHES _____ FEET _____ INCHES _____
FEET _____ INCHES _____ FEET _____ INCHES _____

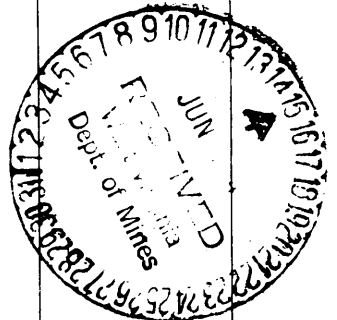
WELL FRACTURED Haliburton Company--Weston

RESULT AFTER TREATMENT 100 Bbbls Oil per day--100 thousand ft gas

ROCK PRESSURE AFTER TREATMENT 900 # - 24 hrs.

Fresh Water 140 Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	15			
Sand			15	30			
Slate			30	60			
Red			60	90			
Slate			90	125			
Red			125	135			
Sand			135	185	water	140	
Slate			185	195			
Sand			195	210			
Red			210	220			
Slate			220	265			
Red			265	285			
Slate			285	350			
Red			350	395			
Slate			395	550			
Sand			550	575			
Slate			575	625			
Red			625	675			
Sand			675	690			
Red			690	750			
Slate			750	785			
Red			785	875			
Sand			875	950			
Slate			950	1000			
Sand			1000	1012			
Slate			1012	1035			
Sand			1035	1050			
Slate			1050	1110			
Sand			1110	1155			



Formation	Color	Hard or Soft	Top 5	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pink			1155	1170			
Red			1170	1210			
Slate			1210	1235			
Red			1235	1260			
Lime			1260	1280			
Pink			1280	1305			
Slate			1305	1320			
Red			1320	1337			
Slate			1337	1410			
Pink			1410	1420			
Slate			1420	1515			
Lime			1515	1540			
Slate			1540	1560			
Sand			1560	1630			
Slate			1630	1850			
Lime			1850	1880			
Slate			1880	1905			
Sand			1905	1942			
Slate			1942	1990			
Sand			1990	2010			
Slate			2010	2025			
Sand			2025	2062			
Slate			2062	2110			
Lime			2110	2135			
Slate			2135	2162			
Sand			2162	2180			
Slate			2180	2285			
Red			2285	2350			
Slate			2350	2370			
Lime			2370	2405			
Slate			2405	2478			
Big Lime			2478	2548			
Sand			2548	2586			
				2586 Total Depth			

Date June 12th, 19 64

APPROVED R. Wayne Christenson, Owner

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