

Company Ethelred P Horn
 Address Flint, Michigan
 Farm Henry & Ella Droppelman
 Tract _____ Acres 210 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 923
 Quadrangle Kadis WC
 County Doddridge District Cove
 Engineer W. S. Black
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Dec 4, 1963 Scale 1" = 40p = 660'

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

WELL LOCATION MAP
 FILE NO. Dod - 1073 (Rev.)

† 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 6

Rotary
Spudder
Cable Tools
Storage

Quadrangle Vadis

Permit No. DOD-1073

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company ETHELRED P. HORN, Flint Michigan
Address 1161 North Ballenger Ave.
Farm Henry & Ella Droppleman Acres 210
Location (waters) Cove District
Well No. One Elev. _____
District Cove County Doddridge
The surface of tract is owned in fee by Dropplemans
Henry & Ella. Address New Milton
Mineral rights are owned by Droppleman heirs
Address New Milton
Drilling commenced December 15th, 1963
Drilling completed Jan. 25th, 1964
Date Shot 2/5/64 From 2120' To 2122'
With Perforating Gun 17 bullets
Open Flow /10ths Water in _____ Inch
none /10ths Merc. in _____ Inch
Volume none natural Cu. Ft.
Rock Pressure none nat. lbs. _____ hrs.
Oil none bbls., 1st 24 hrs.
WELL ACIDIZED No

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			<u>None</u>
10 xx 3/4	152'	152'	Size of
8 xx 5/8	819'	<u>None</u> '	Depth set
6%	1981'	<u>None.</u>	
xxxx 4 1/2	2198'	2198'	Perf. top
3			Perf. bottom
2			Perf. top
Liners Used	<u>None</u>		Perf. bottom

CASING CEMENTED yes SIZE 4 1/2 No. Ft. 2198' Date January 25th, 1964 Lawson Cement Co.
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
None
_____ FEET _____ INCHES
_____ FEET _____ INCHES

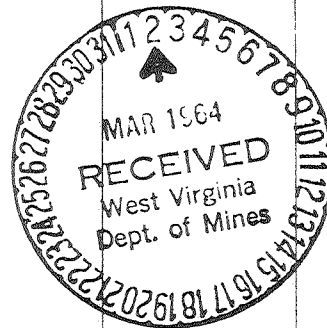
WELL FRACTURED Haliburton

RESULT AFTER TREATMENT Approximately one hundred thousand gas

ROCK PRESSURE AFTER TREATMENT 450 pounds.

Fresh Water: surface Feet Salt Water at 2400' Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay	red	soft	0	20	fresh water		
Sand	blue	"	20	35			
rock	gray	"	35	82			
rock	red	hard	82	86			
sandy lime	blue	hard	86	100			
sand	blue	"	100	162			
shale	blk	soft	162	175			
shale	dark	hard	175	177			
shale&rock	red	soft	177	180			
Gr. lime&Rock	red		180	203			
sand	blue	hard	203	237			
shale&shells		"	237	257			
sand	blue	"	257	266			
shale			266	272			
RR&Lime shells	red		272	277			
RR & shale	red		277	350			
sand			350	387			
sandy slate&shells			387	442			
shells&slate	blue		442	448			
shale&shells			448	555			
sand	broken		555	625			
shale	sandy		625	660			
sand			660	665			
RR & shale			665	685			
sand	green		685	735			
R.rock&shale			735	819			
slate	black		819	836			
sand slate			836	852			
slate&shells			852	907			



(OVER)

(over)

Formation	Color	Hard or Soft	Top 6	Bottom	Oil, Gas or Water	Depth Found	Remarks
sand	green	hard	907	942			
sand	gray	"	942	954			
R.R. & shells		"	954	970			
sand	blue	"	970	985			
slate&shells			985	1025			
sand	gray		1025	1078			
sandy-slate			1078	1083			
slate			1083	1106			
slate&shells			1106	1147			
sand			1147	1167			
sand-slate-shells			1167	1404			
sand			1404	1441			
slate			1441	1446			
sand			1446	1472			
slate&shells			1472	1740			
slate&sand			1740	1757			
sand			1757	1854			
R. Rock			1854	1892			
R.R. Shale			1892	1941			
R.R. Shale			1941	1948			
lime			1948	1962			Little lime
slate&shells			1962	1988			
lime			1988	2073			Big Lime
sand & lime			2073	2143			Big Injun
sand	blue		2143	2155			
sandy slate			2155	2171			
sand & slate			2171	2198			
sand	gray		2198	2223			
sandy slate			2223	2234			
sand	gray		2234	2282			
sand & slate			2282	2367			
slate			2367	2396			
sand			2396	2426			Gantz
slate & shells			2426	2583			
sand & slate			2583	2615			
slate & shells			2615	2895			

No natural shows of either gas or oil in commercial quantities, completed as a small gas well after Frac. probably about a hundred thousand feet, have no gas pipeline outlet at present, so well shut in.

Date February 27th, 19 64

APPROVED Ethelred P. House Owner

By _____ (Title)