



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 4

Rotary
Spudder
Cable Tools
Storage

43
7-22-65

WELL RECORD

Oil or Gas Well Oil & GAS
(KIND)

Quadrangle _____

Permit No. DOD--1258

Company R. Wayne Christenson
Address 1161 N. Ballenger, Flint, Mich.
Farm Henry Gum Acres 100
Location (waters) Roberts Fork of Brushy Fork
Well No. Two (2) Elev. 1059'
District New Milton County Doddridge
The surface of tract is owned in fee by Earl Gum & Mittie R. Gum (wife) Address Rt. 1, New Milton
Mineral rights are owned by Earl Gum-O.C. Haught & McCormick heirs Address _____
Drilling commenced July 12th, 1965
Drilling completed September 14th, 1965
Date Shot none From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer <u>none</u>
16			
13	35'	35'	
10	268'	268'	Size of _____
8 1/4	1150'	none	
6 5/8	2182'	none	Depth set _____
5 3/16			
4 1/2	2391'	2391'	
3			Perf. top <u>2354'</u>
2			Perf. bottom <u>2355'</u>
Liners Used			Perf. top <u>2378'</u>
			Perf. bottom <u>2379'</u>

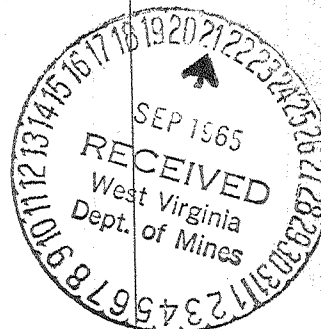
Open Flow /10ths Water in none Inch
/10ths Merc. in _____ Inch
Volume not enough to measure Cu. Ft.
Rock Pressure none lbs. hrs.
Oil none bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) No

Attach copy of cementing record.
CASING CEMENTED YES SIZE 4 1/2 No. Ft. 2399' Date
Amount of cement used (bags) 8/28/65 15
Name of Service Co. Lawson Cement Co. - Weston
COAL WAS ENCOUNTERED AT 262' FEET 36 INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

WELL FRACTURED (DETAILS) Dowell fractured with 500 bbl. water at 2354' then set temporary plug and fractured with 500 bbl water at 2379' (fracked lower section 1st
RESULT AFTER TREATMENT (Initial open Flow or bbls.) approx. 15 BOPD, and 250,000 gas.
ROCK PRESSURE AFTER TREATMENT 450 lbs HOURS 24
Fresh Water 75'-88' Feet Salt Water 955' Feet
Producing Sand Big Injun Depth 2354' and 2378'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
red-rock	red	soft	0	40			
slate-	white	"	40	50			
red-rock	red	"	50	60			
slate	white	"	60	71			
sand	"	med	71	96			
slate	"	soft	96	107			
red rock	red	"	107	137			
sand	white	med	137	150			
red-rock	red	soft	150	165			
sand	white	hard	165	185			
red-rock	red	soft	185	205			
slate	white	"	205	215			
lime	"	hard	215	249			
slate	"	soft	249	262			
coal	black	"	262	265			
lime-broken	white	hard	265	310			
red-rock	red	soft	310	318			
sand	white	hard	318	349			
slate	white	soft	349	360			
lime	white	hard	360	388			
red-rock	red	soft	388	400			
lime	white	hard	400	452			
red-rock	red	soft	452	476			
sand	white	hard	476	510			
slate	"	soft	510	522			
lime	"	hard	522	540			
red-rock	red	soft	540	560			
lime	white	hard	560	630			
slate	white	soft	630	639			

fresh water 75" and 88'
7 bailers per hour.



Formation	Color	Hard or Soft	Top ⁴	Bottom	Oil, Gas or Water	Depth Found	Remarks
sand	white	hard	639	823			
clay	"	soft	823	829			
slate	white	soft	823	835			
sand	"	hard	835	910			
slate	"	soft	910	915			
lime	"	hard	915	957			
slate	"	soft	957	963			
lime	"	hard	963	987			
slate	"	soft	987	1060			
lime	"	hard	1060	1072			
red-rock	red	soft	1072	1098			
sand	white	hard	1098	1120			
slate	"	soft	1120	1135			
lime	"	hard	1135	1175			
slate	"	soft	1175	1185			
red-rock	red	"	1185	1195			
lime	white	hard	1195	1208			
slate	"	soft	1208	1223			
sand	"	hard	1223	1237			
shell&slate	wht	"	1237	1290			
sand	white	"	1290	1330			
slate	"	soft	1330	1354			
lime-gritty	"	hard	1354	1406			
shell-slate	"	"	1406	1435			
slate	dark	soft,	1435	1449			
slate	white	"	1449	1486			
slate	dark	"	1486	1490			
lime-gritty	wht	hard	1490	1601			
sand	white	hard	1601	1700			
slate	black	med	1700	1707			
sand	white	hard	1707	1732			
slate	"	"	1732	1736			
lime	"	"	1736	1765			
sand	"	"	1765	1795			
slate	"	soft	1795	1805			
lime	"	hard	1805	1822			
sand	"	"	1822	1950			
slate	black	soft	1950	1965			
lime	black	hard	1965	2026			
slate	white	soft	2026	2036			
lime	"	hard	2036	2050			
red-rock	red	soft	2050	2075			
lime	white	hard	2075	2080			
red-rock	red	soft	2080	2095			
shells&slate	wht	hard	2095	2157			
slate	black	med	2157	2172			
lime	white	hard	2172	2194	Little Lime		
red-rock	red	soft	2194	2222			
lime	white	hard	2222	2283	Big Lime		
sandy-lime	"	"	2283	2303	Keener		
sand	"	"	2303	2380	Big Injun		
shale	dark	soft	2380	2391 T.D.			
					show of gas 2295' to 2300'		
					show of oil 2311' to 2317'		
					show of oil 2360' to 2373'		

Date September 15th, 1965, 19

APPROVED R. Wayne Christenson, Owner

By Homer Robinson - Field Sup't.