



WS 9-21-65

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 3

Quadrangle _____

Permit No. DOD 1246

WELL RECORD

Oil or Gas Well Oil

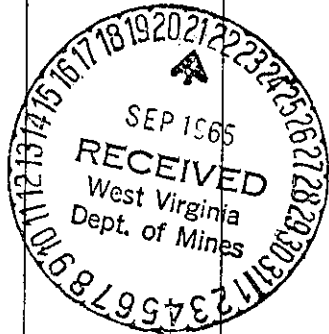
Company R. Wayne Christenson
Address 1161 N. Ballenger--Flint, Michigan
Farm Joseph Brown Acres 223
Location (waters) _____
Well No. One (1) Elev. 1215'
District Cova County Doddridge
The surface of tract is owned in fee by Harley Brown
New Milton Address West Va.
Mineral rights are owned by C.E. Lawhead et al
Charleston Address West Va.
Drilling commenced May 4th, 1965
Drilling completed July 10th, 1965
Date Shot none From _____ To _____
With _____
Open Flow _____ /10ths Water in none Inch
_____ /10ths Merc. in _____ Inch
Volume _____ none _____ Cu. Ft.
Rock Pressure 200 lbs. 24 hrs.
Oil not tested before frac bbls., 1st 24 hrs.
WELL ACIDIZED no
WELL FRACTURED yes--Dowell Company

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer <u>none</u>
16			
13	20'	20'	
10	167'	167'	Size of _____
8 3/4	1217'	none	Depth set _____
6 3/4	2104'	none	
5 3/16			
4-1/2	2646'	2646'	Abrasa jet Perf. top <u>2614'</u>
2			Perf. bottom <u>none</u>
Liners Used	none		Perf. top _____
			Perf. bottom _____

CASING CEMENTED 4-1/2 SIZE 2646 No. Ft. 6/23/65 Date
Lawson Cement Co. (inv. attached)
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT Approximately 20bbl oil per day-not enough gas to gauge
ROCK PRESSURE AFTER TREATMENT 400 lbs.
Fresh Water yes Feet 14' Salt Water yes Feet 1982'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
surface clay	grey	soft	0	14			
sand	white	"	14	45			
slate	brown	"	45	50			
sand	white	"	50	55			
red rock	red	"	55	73			
slate	brown	"	73	85			
red rock	red	"	85	100			
sand	white	hard	100	144			
red rock	red	soft	144	155			
slate	brown	"	155	160			
sand	white	hard	160	175			
lime	"	"	175	217			
slate	brown	soft	217	277			
red rock	red	"	277	383			
sand	white	hard	383	393			
slate	brown	soft	393	412			
red rock	red	"	412	450			
sand	white	hard	450	462			
red rock	red	soft	462	472			
shale	brown	"	472	492			
sand	white	hard	492	515			
red rock	red	soft	515	568			
sand	white	hard	568	578			
red rock	red	soft	578	606			
sand	white	hard	606	630			
slate	brown	soft	630	635			
sand	white	hard	635	655			
shell&slate	pink	"	655	695			
lime	red	"	695	715			
shale	brown	soft	715	730			



Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
shell&slate	pink	hard	730	800			
slate	black	soft	800	810			
slate&shell	pink	hard	810	820			
shale	brown	soft	820	830			
sand	white	hard	830	875			
shell&slate	pink	"	875	893			
red rock	red	soft	893	990			
shell&slate	pink	hard	990	1017			
red rock	red	soft	1017	1030			
slate	brown	"	1030	1050			
red rock	red	"	1050	1095			
shale	brown	"	1095	1123			
coal	black	"	1123	1125			
salte	brown	"	1125	1132			
lime-gritty	white	hard	1132	1145			
red rock	red	soft	1145	1160			
shell&slate	pink	hard	1160	1199			
red rock	red	soft	1199	1210			
sand	white	hard	1210	1262			
sand	"	"	1262	1300			
slate	brown	soft	1300	1310			
sandy-lme	white	hard	1310	1400			
sand&slate	grey	med	1400	1477			
lime	white	hard	1477	1517			
slate&shell	"	"	1517	1549			
sand	"	"	1549	1584			
slate&shell	"	"	1584	1604			
lime	black	"	1604	1640			
slate&shell	white	"	1640	1643			
lime-grit	"	"	1643	1700			
slate&shell	"	"	1700	1715			
sand-salt	"	"	1715	1740			
slate	brown	soft	1740	1745			
lime-grit	white	hard	1745	1860			
slate&shell	"	"	1860	1940			
sand	"	"	1940	1966			
slate	brown	soft	1966	1976			
lime	white	hard	1976	1982			
sand	"	"	1982	2025			
red rock	red	soft	2025	2030			
shale	grey	"	2030	2062			
sand-lime	white	hard	2062	2090			
red rock	red	soft	2090	2100			
lime	white	hard	2100	2108			
red rock	red	soft	2108	2112			
slate	brown	"	2112	2120			
red rock	red	"	2120	2134			
lime	white	hard	2134	2144			
red rock	red	soft	2144	2155			
lime	white	hard	2155	2185			
red rock	red	soft	2185	2215			
lime(big)	white	hard	2215	2285			
sand(keener)	white	"	2285	2295			
lime	white	"	2295	2375			
shale	grey	soft	2375	2382			
sand(squaw)	white	Hard	2382	2415			
shale	grey	soft	2415	2446			
lime	white	hard	2446	2469			
sand-shale	grey	med.	2469	2509			
sand-shell(wier)		hard	2509	2515			
sand	white	"	2515	2610			
sand	brown	soft	2610	2631			
shale	grey	"	2631	2646			
					oil show		
					T.D.		
					2610' top of Berea.		
					show of gas & oil	2614' to 19	
					show of water at	2619' to 23	
					2623 to 2631 hard	sand no show	

Date July 22nd, 19 65

APPROVED R. Wayne Christenson, Owner

By Homer Robinson (Title) Field Sup't.