



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

Quadrangle Vadis

Permit No. DOD-776

WELL RECORD

Oil or Gas Well Oil + Gas
(KIND)

Company McAlester Fuel Co. & R. G. Lawton
Address P. O. Box 210 - Magnolia, Arkansas
Farm Paul Robinson Acres 237
Location (waters) _____
Well No. 3 Elev. 927
District New Milton County Doddridge
The surface of tract is owned in fee by Paul Robinson et al
Address Salem, West Va.
Mineral rights are owned by Paul Robinson et al, Salem,
W. Va. & Lillian Lawrence Address Covington, West Va.
Drilling commenced 4-20-62
Drilling completed 6-6-62
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			
10 I.D.	256.6		Size of _____
8 1/4 I.D.	1089.0		Depth set _____
6 3/16			
3			Perf. top <u>1989'-1991'</u>
2			Perf. bottom <u>2009-2011</u>
Liners Used			Perf. top <u>2591</u>
			Perf. bottom <u>2593</u>

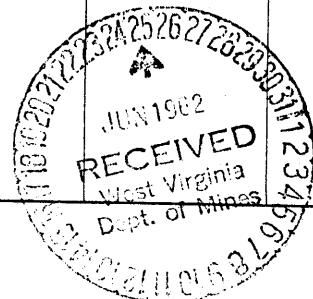
WELL ACIDIZED Perf. 2591'-93', 150 gallons, 15%
Perforated 2009'-11 & 2591'-93, 300 gallons, 15%
WELL FRACTURED Perf. 2591'-93; fraced 38,000#, 700-barrels water.
Perf. 2009'-11 & 2591'-93; fraced 44,000#, 695-barrels water.
RESULT AFTER TREATMENT Flowed 24-hours, 140 BO, 1/2" choke, gas 492,000 cu. ft. gauged by Hope
ROCK PRESSURE AFTER TREATMENT 75#
Fresh Water _____ Feet Salt Water _____ Feet

CASING CEMENTED 4 1/2 SIZE 2669 No. Ft. 6-7-62 Date
240-sacks

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface	Red Rock	Soft	0	15			
Sandstone	White	Soft	15	35			
Rock	Pink	Soft	35	40			
Lime	Blue	Soft	40	50			
Rock	Red	Soft	50	55			
Lime	Blue	Soft	55	60			
Rock	Red		60	130			
Slate	Blue		130	155			Water 90'-100', 5 BPH.
Sand	Gray-White		155	160			
Slate	Gray		160	170			
Rock	Red		170	175			
Slate	Blue		175	190			Water 175'-182'
Rock	Red		190	230			
Lime (Mud)	Blue		230	250			
Slate	Green		250	285			
Rock	Red		285	365			
Slate	Blue		365	375			
Sand	Gray		375	395			
Sandy Lime	Blue		395	420			Water 395'-420, 1 1/2 BPH
Lime	Dark Gray		420	440			
Lime	Gray		440	465			
Slate	Blue		465	480			
Slate	Black		480	500			
Lime (Mud)	Blue	Soft	500	515			
Lime	Gray	Hard	515	530			
Broken Lime	Dark Gray		530	570			
Slate	Blue		570	630			
Rock	Red		630	715			
Sand	Gray		715	735			
Rock	Red		735	745			

(over)



Formation	Color	Hard or Soft	Top //	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale	Blue		745	760			
Rock	Red		760	775			
Slate (sandy)	Blue		775	810			
Rock	Red		810	820			
Slate	Blue		820	830			
Shale	Green		830	1015			
Shale	Black		1015	1030			
Slate	Blue		1030	1080			
Slate (sandy)	Blue	Hard	1080	1090			
Slate	Green		1090	1130			
Sand Lime	Dark Gray		1130	1180			
Broken Lime	Gray		1180	1225			
Slate	Black		1225	1325			
Sand	Gray		1325	1400			
Lime	Gray		1400	1415	Water 1400'	15-gallons/hour.	
Slate	Black		1415	1540			
Sand	Gray and Blue	Hard	1540	1620			
Slate	Black		1620	1750			
Slate	Gray		1750	1785			
Rock	Red		1785	1810			
Slate	Blue		1810	1845			
Slate & Lime	Blue-Gray		1845	1860			
Little Lime	Gray		1860	1915	Show of oil	1880'	
Broken Lime	Gray		1915	1930			
Big Lime	Gray		1930	1985			
Big Injun Sand - Gray-White	White - Soft		1985	2035	Show of oil & gas	1993' & 2005'-2015'	
Slate	Blue		2035	2150			
Slate (Sandy)	Blue		2150	2285			
Slate	Blue	Hard	2285	2570			
30' Sand			2570	2590			
Slate	Blue		2590	2705'	T.D.		

Date June 22, 1962

APPROVED McALESTER FUEL COMPANY, Owner

By *[Signature]*
General Production Superintendent