

Ethel Armstrong, Section 5, T24S, R48W, 6th PM



Formation Tops

Marmaton	3840'
Cherokee	4020'
Morrow	4450'
Mississippian	4820'
Arbuckle	5318'

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JUL 9 1970

COLO. OIL & GAS CONS. COMM.

Drill Stem Test #1 4147' - 4204' Cherokee Sand

Tool open with weak blow decreasing to dead in 45 min.
Recovered 10' of drilling mud.
No show of oil or gas.

1st flow IFP 18.2 - 15 min., FFP 18.2, ISIP 73 - 1 hour, IHP 2030.8
Temp 106

2nd flow IFP 18.2 - 2 hours, FFP 18.2, FSIP 54.7 - 1 hour, FHP 2030.8

Drill Stem Test #2 4971' - 5196'

Tool open with weak blow for 15 min.
SI one hour
Tool open with weak blow. Dead in one hour.
Recovered 200' of drilling mud.
No show of oil or gas.

1st flow IFP 46 - 15 min., FFP 61, ISIP 1318 - 1 hour, IHP 2415
Temp 138

2nd flow IFP 61 - 2 hours, FFP 137, FSIP 1015 - 1 hour, FHP 2399

Drill Stem Test #3 5200' - 5333'

Tool open 15 min with weak blow increasing to fair blow in 15 min.
Fair blow throughout test.
Recovered 2078' of salt water.
No show of oil or gas.

1st flow IFP 61 - 15 min., FFP 122, ISIP 1167 - 1 hour, IHP 2552
Temp 144

2nd flow IFP 122 - 2 hours, FFP 592, FSIP 1136 - 1 hour, FHP 2552

Drill Stem Test #4 5340' - 5407' Arbuckle Formation

Tool open 15 min. with good blow.
SI 1 hour
Tool open 2 hours with good blow.
SI 1 hour
Recovered 2135' of salt water.
No show of oil or gas.

1st flow IFP 182 - ~~10 min~~ 15 min., ISIP 1227 - 1 hour, IHP 2628
Temp 144

2nd flow FFP 925 - 2 hours, FSIP 1167 - 1 hour, FHP 2628