

DRILL STEM TEST RECORD  
HOBBY OFFICE O.C.C.

Robert J. Leonard  
Wilson State No. 1

JUL 19 1 07 PM '67

Wildcat  
Lea County, New Mexico

<u>DST NO.</u>	<u>INTERVAL</u>	<u>PRESSURES</u>	<u>REMARKS AND RESULTS</u>
<u>1</u>	10,901-10,932'	IHP 5407 ISIP 3202 IFP 141 FFP 202 FSIP 2091 FHP 5407	Wolfcamp formation tested by Halliburton. Tool opened for 11 minutes first flow. Closed for 90 minute initial closed in pressure. Reopened for 90 minute second flow with a good blow, weakening at the end of 1-1/2 hour test, no gas or fluid to the surface. Closed for 120 minute final closed in pressure. Recovered 10 feet of free oil, 192 feet oil and gas cut drilling fluid and 172 feet of slightly oil and gas cut drilling fluid.
<u>2</u>	11,536-11,897'	IHP 6467 ISIP 5070 IFP 345 FFP 588 FSIP 4180 FHP 6451	Atoka formation tested by Halliburton. Tool opened for 60 minute first flow with a moderate blow, increasing to a strong blow, gas to surface in 18 minutes, blow decreased to a light blow. Closed for 180 minute initial closed in pressure. Reopened for 210 minute second flow, blow continued moderate through the test. Closed for 180 minute final closed in pressure. Recovered 120 feet of distillate, 180 feet of mud cut distillate and 720 feet of gas and distillate cut drilling mud.
<u>3</u>	12,256-12,457'	IHP 7793 ISP 6641 IFP 665 FFP 1270 FSIP 6787 FHP 7793	Morrow formation tested by Halliburton. Opened tool with a good blow, gas to the surface in 6 minutes, decreasing to fair blow at end of flow, too small to measure. Closed for 180 minute initial closed in pressure. Reopened for 180 minute second flow on 5/8" choke, then on 1/4" choke in 20 minutes throughout test. Closed in at surface 30 minutes before closing in for final flow - 15 minutes at 10#. Recovered 570 feet of gas and distillate cut mud, 540 feet of gas and muddy filtrate water, 720 feet of mud cut filtrate and 530 feet of filtrate water.

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<u>4</u>	12,458-12,590'	IHP 7662 IFP 3782 FFP 6410 FSIP 7216 FHP 7622	OFFICE O. C. C. Morrow formation tested by Halliburton. Tool opened with a good blow, gas to surface in 4 minutes, mud in 16 minutes, gas cut salt water in 25 minutes, flowed on 200 Psi with 5/8" choke. Tool opened 109 minute flow period. Closed for 60 minute closed in pressure. Unable to scribe 8000# line on B.T. 108. Recovered 12,145 feet of gas cut salt water.
<u>5</u>	12,650-12,711'	IHP 7721 IFP 2041 FFP 2948 FSIP 6782 FHP 7668	Morrow formation tested by Halliburton. Tool opened for 325 minute flow with a good blow, gas to the surface in 3 minutes, mud in 10 minutes, gas and distillate cut saltwater in 18 minutes, well was tested on 5/8" and 1/4" chokes, closed in at the surface for check. Pressure build up 2 times, 15 and 30 minutes. No gauge was taken on gas or water. Closed for 155 minute final closed in pressure. Reversed out 10# gas, distillate and salt water.