

FLUID SAMPLE DATA				Date 8-19-74		Ticket Number 896919	
Sampler Pressure 1100 P.S.I.G. at Surface Recovery: Cu. Ft. Gas 6.32 cc. Oil _____ cc. Water _____ cc. Mud Trace, too small to Tot. Liquid cc. _____ measure... Gravity _____ ° API @ _____ °F. Gas/Oil Ratio _____ cu. ft./bbl.				Kind of Job OPEN HOLE Halliburton District ARTESIA		Tester MR. MURDOCK Witness MR. NELSON	
Drilling Contractor SHARP DRILLING COMPANY BC S				EQUIPMENT & HOLE DATA			
RESISTIVITY _____ CHLORIDE CONTENT _____ Recovery Water _____ @ _____ °F. _____ ppm Recovery Mud _____ @ _____ °F. _____ ppm Recovery Mud Filtrate _____ @ _____ °F. _____ ppm Mud Pit Sample _____ @ _____ °F. _____ ppm Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm Mud Weight 11.7 vis 42 cp				Formation Tested Atoka Elevation _____ Ft. Net Productive Interval 10' _____ Ft. All Depths Measured From 20' Above Ground Level Total Depth 11810' _____ Ft. Main Hole/Casing Size 7 7/8" Drill Collar Length 711' I.D. 2.25" Drill Pipe Length 10942' I.D. 3.826" Packer Depth(s) 11689' - 11695' _____ Ft. Depth Tester Valve 11655' _____ Ft.			
TYPE AMOUNT Cushion Fresh water 2600'		Depth Back Pres. Valve _____ Ft.		Surface Choke 3/8" & 1/2"		Bottom Choke .75"	
Recovered _____ Feet of NONE				Field Area WILDCAT Mea. From Tester Valve			
Recovered _____ Feet of _____							
Recovered _____ Feet of _____							
Recovered _____ Feet of _____							
Recovered _____ Feet of _____							
Remarks See production test data sheets....							
TEMPERATURE		Gauge No. 1639 Depth: 11673' Ft.		Gauge No. 1638 Depth: 11806' Ft.		Gauge No. _____ Depth: _____ Ft.	
Est. _____ °F.		24 Hour Clock Blanked Off No		24 Hour Clock Blanked Off Yes		Hour Clock Blanked Off _____	
Actual 168 °F.		Pressures		Pressures		Pressures	
	Field	Office	Field	Office	Field	Office	TIME
First Period	Initial Hydrostatic	7176	7226	7261	7313		Tool 8-19-74 A.M. Opened 7:00 = P.M. Opened 8-20 A.M. Bypass 6:10 = P.M.
	Flow Initial	UTR	1371	1444	1805		
	Flow Final	1395	1439	1444	1460		
Second Period	Closed in	6863	6871	6840	6887		Reported _____ Minutes Computed _____ Minutes
	Flow Initial	1329	1336	1312	1322		
	Flow Final	1086	1095	1050	1083		
Third Period	Closed in	6863	6849	6840	6865		Reported _____ Minutes Computed _____ Minutes
	Flow Initial	687	732	700	770		
	Flow Final	1152	1172	1137	1162		
	Closed in	6796	6822	6840	6841		Reported 135 Minutes Computed 133 Minutes
	Final Hydrostatic	UTR	CTE	UTR	CTE		Reported 270 Minutes Computed 290* Minutes
CTE = Chart time expired...UTR = Unable to read *Time given and recorded does not agree							

Casing perms. _____ Bottom ke _____ Surf. temp _____ °F Ticket No. 896919
 Gas gravity _____ Oil gravity _____ GOR _____ Page 1
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date 8-18-74 Time a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
11:00					Unloaded and rigged up tools
8-19-74 1:00					Ran in with 2600' water cushion
7:00					Tool opened with a weak blow
7:05	1"				Fair blow
7:20	"				Closed tool
7:48					Gas to surface
8:12					Water cushion to surface
8:25	1"				Tool open
8:30	½"				
8:45	"	350			Wet gas
9:00	"	600			"
9:15	"	550			"
9:30	"	525			"
9:35	"	500	3,130.00		Flare gas
9:45					Switched to separator
9:48					Leak in flow line, switched to floor man fold.
10:00	"	550			Wet gas, would not burn
10:15	"	540			"
10:30	"	525			"
10:45	"	500	3,130.00		Flaring gas
10:55	"	500	3,130.00		Closed tool
4:57	"				Tool opened, flaring gas
5:00	"	50	3,130.00		
5:15	"	450	2,817.00		
5:30	"	525	3,286.50		
5:45	"	525	3,286.50		