

WELL DATA10/22/89

<u>TOTAL DEPTH:</u>	10,311' KB Driller 10,310' KB Schlumberger	<u>ELEVATION:</u>	4246' KB 4,229' GL
<u>KB TO CHF</u>	17 feet		
<u>CASING</u>	13-3/8" set @ 350' KB, cement circulated. 8-5/8" set @ 2562' KB; cement circulated w/1" plugs. 4-1/2" , 11.6'/ft., 8 rd, LT&C, J-55 & N-80, set at 10,310' KB; cemented with 1200 sx.; TOC @ 6100' KB (Schlumberger CBL dated 10/12/89)		
<u>FLUG BACK DEPTHS</u>	10,236' KB estimate. Halliburton RBP set at 9,916' KB.		
<u>PERFORATIONS</u>	Morrow "A" zone: 9,880' - 9,900' KB with 2 shots per foot; total of 40 holes (0.42" dia.) Morrow "C & D" zones: 9,975' - 77', 9,986' - 92', 10,010' - 16' & 10,027' - 28' KB; 4 at each interval, total of 16 holes.		
<u>TREATMENTS</u>	Morrow "A" zone: 250 gallons of 10% acetic, 4000 gallons of 7.5% MS acid; frac'd w/18300 gal. Versagel 1500, 4000 gal. CO2 and 18000* 20/40 Interprop Morrow "C & D" zone: 250 gallons of 10% acetic, 4000 gallons of 7.5% MS acid.		
<u>TUBING & PACKER</u>	All tubing and subs are 2-3/8", 4.7#/ft., 8 rd, EUE, N-80		
	Halliburton RBP Retrieving head	2.00'	
	Halliburton RTTS Packer	4.00'	
	Seating nipple with cplg.	1.70'	
	301 Joints Tubing	9,796.30'	
	Total Tubing and Tools	9,804.00'	
	KB Datum	15.00'	
	Bottom of tools	9,819.00' KB	
	Below RTTS shown above		
	Halliburton RBP	4.00'	
	Total Tools	4.00'	
	KB Datum	9,908.00'	
	Bottom of RBP	9,912.00' KB	
	Below RBP shown above		
	Baker A4 Lok-Set Packer	3.44'	
	Tubing sub	4.24'	
	Baker "on-off" tool w/1.78" F Profile plug	1.65'	
	Total Tools	9.33'	
	KB Datum	9,920.84'	
	Bottom of Packer	9,930.17' KB	
<u>POTENTIAL TEST</u>	Morrow "A" zone: Calculated 24 hour rate, appx. 650 MCF on 3/4" choke, with flowing tubing pressure of 40 psig. Morrow "C & D" zones: Calculated 24 hour rate, appx. 169 MCF on 1/4" choke, with flowing tubing pressure of 100 psig.		
<u>NOTES</u>	Casing fluid is 3% KCl water, Xmas tree installed.		