

6/16/83: Day -7-  
TP 145 psig. Ran Swab found FL at 4500' F.S. 5000' fluid in hole, caught sample. Loaded hole with KCL water, unseated packer. C.O.O.H. to run cement retainer. G.I.H., ran Howco EZ drill retainer by way of Geo Vann Truck. On depth by correlation log, set retainer at 9695' K.B. C.O.O.H. and R.D. Vann. P.U. Howco Stinger, W.I.H. stung into retainer, then P.U. out of retainer. Loaded hole with 17 bbls 3% KCL water. Stung back into retainer, estimated pump rate 3 BPM at 3000 psig, then mix with fresh water 75 sacks Class "H" cement with 6/10 of 1% of Halad 9, 3-8/10 bbls cement slurry into formation, when pressure rose rapidly to 4000 psig locked in waited 1 minute and pressure to 4000 psig and never moved. Picked stinger up 2-1/2' above retainer, then reversed out cement with 60 bbls of KCL water, over displaced (wanted pure KCL water). Pull up hole to 9680' spot 200 gallons 10% acetic acid balanced out. Start out of hole, pull 48 stands and S.D. at 6:00 PM.

6/17/83: Day -8-  
Finish coming out of hole, R.U. Geo-Vann. W.I.H. to perforate, misrun, guns would not fire. C.O.O.H. change out select, went back in hole shot 6 holes 9652', 58', 65', 70', 74', and 79'. C.O.O.H. R.D. and R.I.H. with baker packer. W.I.H. to 9625', pushed acid up in tubing with 5 bbls KCL water. Set packer, left in 10,000# compression, tied in howco truck into annulus to test packer, when pressure reached 700 water to top, S.D. pump for 10 minutes, at 500 psi 2" stream of water, packer failure. S.D. for night.

6/18/83: Day -9-  
Pressure -0-, no vacuum. Unseated packer and C.O.O.H. Kept hole full. Packer lost 2 of 3 packing elements. P.U. another packer and EL tool. Push acetic acid back into tubing, set packer at 9626', in 12,000# compression. Pressure backside to 2500 psig, held. Put acid into formation with 6 bbls KCL water. Formation took fluid at 2800 psig, went to 2 BPM pressure 3000 psig, finished at that rate. Total of 6 bbls. ISIP 2600 psig, in 5 minutes 1300 psig.

Tubing bottom to top:

1 - Packer	3.26'
1 - 4' tubing sub	4.02'
1 - Baker EL tool with 1.78" profile nipple	5.35'
4 - joints N-80 tubing	128.02'
1 - tubing sub	6.13'
194 - joints N-80 tubing	9473.59'
RKB above wellhead	10.00'
	<u>9630.37'</u>

used 4' to set packer in compression packer set at 9626.37'.