

J. M. HUBER CORPORATION  
Federal "27" No. 2  
Unit P, Sec. 27, T18S, R33E  
Attachment to Completion Report  
Form 3160-4

Item 32, Acid, Shot, Fracture, Cement Squeeze, Etc.

<u>Depth Interval</u>	<u>Amount &amp; Kind of Material Used</u>
10,518'-24'	1000 gals 7-1/2% HCL acid
10,427'	Set CIBP w/2-1/2 sx cmt on top
9,429'-82'	2000 gals 7-1/2% HCL acid
9,429'-82'	Frac w/50,000 gals gel wtr w/CO <sub>2</sub> & 123,000# sand
9,429'-82'	3000 gals DOLOWASH acid
8,828'-97'	2000 gals 7-1/2% HCL acid
8,828'-97'	1500 gals 15% Spearhead acid w/N <sub>2</sub>
8,828'-97'	116 BBLs heated lease crude w/surfactant
8,828'-97'	Frac w/38,000 gals gel lease crude & 70,000# sand

Item 28, Cementing Record for 5-1/2" casing

Cementing 5-1/2" production casing in two stages as follows:

1st Stage: Pmp'd 400 sx Halliburton Light containing 6# salt and 1/4# Flocele per sk, followed by 375 sx Class "H" w/0.5% CFR-2 & 3# salt per sk.

2nd Stage: Pmp'd 650 sx Halliburton Light containing 6# salt & 1/4# Flocele per sk, followed by 100 sx Class "H" w/0.5% CFR-2 & 3# salt per sk.

DV Tool Set @ 6803' .