

C-105 - Item 32 (cont'd)
Langley Esmond #1
Sec 33-22S-36E, Unit Ltr B

Acid, Shot, Fracture, Cement Squeeze, etc.

<u>Depth Interval</u>	<u>Amount & Kind Material Used</u>
15,472-787' Ellenburger	Frac'd w/4000 gals West Pad A, 3000 gals Series 72 Type 20 acid, 4000 gals West Pad A, 4000 gals Series 72, 8000 gals West Pad, 8000 gals Series 72, 10,000 gals West Pad, 8000 gals Series 72, 10,332 gals West Pad. Cmt squeezed w/240 sx Cl H cmt cont'g .6% Halad 22A, .4% CFR-2.
15,108-15,120' & 15,090-098' McKee	5000 gals spear-head acid, 103 bbls slick 2% KCL wtr cont'g 500 SCF/bbl N-2. Frac'd w/50,000 gals Apollo 60, 48,000# bauxite & 402,000 SCF/N ² flushed w/2% KCL slick wtr & 500 SCF N ² /bbl. Cmt squeezed w/300 sx Cl H cmt cont'g .8% Halad-9 & .2% CFR-2.
12,602-12,788'	500 gals 15% NE acid & 5000 gals 15% NEFE acid.
12,681-788'	Cmt squeezed w/100 sx Cl H cmt w/1.25 CF-9.
12,602-12,656' Devonian	5000 gals 20% NEFE acid Cmt squeezed w/150 sx Cl H cmt w/.5% Halad 9.
9425-9461' Strawn	Acidized w/500 gals 20% acid w/61 bbls 2% KCL wtr cont'g Aqua flow. Cmt squeezed w/150 sx Cl H cmt.