

WORKOVER PROCEDURE

DATE 4-28-86

Well No. & Type of Job J. L. Keel B-16 Plug & Abandon

Drilled & Completed: 1952 Last WO: 12-85 Run CH Logs

Field: Grayburg Jackson County: Eddy Prepared By: Pete Edlund

TD 3780 PBD 3757 DATUM GL DIST RKB TO THF 0

Tubinghead: Make _____ Size _____ Pressure _____

Casing Information:	Size	Wt.	Grade	Set @	Sx Cmt	Top of cement
Surface	<u>8-5/8</u>	<u>24#</u>	<u>J-55</u>	<u>639</u>	<u>100</u>	<u>450 (Calc)</u>
Intermediate						
Producing	<u>7</u>	<u>26#</u>	<u>J-55</u>	<u>3081</u>	<u>200</u>	<u>1097 (CBL)</u>
Innerstring						

Liner: Size 5" Wt. 11.5 Top 3002 Bottom 3765 TOC Circ (Calc)

Present Perforations and Formation: Grayburg perfs 3140-3765

Tubing Data: Size 2-3/8" Wt. 4.7# Grade J-55 Thd EUE 8rd Btmd @ 2931
Jts 94 Misc. _____

Packer & Miscellaneous : Cleaned out to PBD 12-85. Guib pkr @ 2931'. SI for eval 12-85. Casing leaks are present 2931-2962'

PROCEDURE

- 1) Notify BLM of intension to plug.
- 2) MIRUPU NUBOP POH w/ inj eq.
- 3) WL set 5" CIBP at 3090'.
- 4) RIH w/ 2-3/8" WS OG to 3090' and circ well w/ 9.5 ppg GBW (25 lb/bbl gel). Spot a 140' cmt plug (3090'-2950') across liner top using 20 sx class "C" neat cmt. (producing formation plug)
- 5) POH w/ WS to 2075". Spot a 150' cmt plug (2075'-1925') across Seven Rivers formation using 20 sx class "C" neat.
- 6) POH w/ WS to 1380' and spot a 100' cmt plug (1380'-1280') using 20 sx class "C" neat. (base of salt plug). POH
- 7) Perf 4 sqz holes at 689'. Close blind rams and est circ out 7" by 8-5/8" annulus if possible.
- 8) Cmt 7' csg and 7' by 8-5/8" annulus from 689' to surface w/ 170 sx class "C" neat. (top of salt, csg shoe, and surf plug). RDPU.
- 9) Install 4" x 4" steel marker w/ well name, number and location stenciled or beaded on the marker. The marker must be cemented permanently in the ground and the top should be closed w/ a screw cap, welded or a cement plug.
- 10) Dig out around 13-3/8" surf csg to a depth of 10' and backfill w/ redi-mix.