

Casing Data:

K.B. TO G.L. 18⁰⁰ FT.INTER 5-1 joints of 11³/₄ inch 42 # Grade H-40. STD, NEW API

RANGE 3 (Approved) (Rejected)

Inspected by Leon Benjamin date 5-31-75

Cementing Program

Size of hole 14³/₄ Size of Casing 11³/₄ Sacks cement required 545 cu/ft

Type of Shoe used GUIDE Float collar used INSERT Btm 3 jts welded YES

TD of hole 1257 K.B. Set Feet of 11³/₄ inch 42 # Grade H-40. STD, NEW API R-3New-used csg. @ 1257 K.B. with 100 sacks neat cement around shoe 2¹/₂ cu/ft3000L 10000 7-9-15 sax 5¹/₂ cu/ft additives 2¹/₂ cu/ftPlug down @ 10⁰⁰ (AM) (PM) Date 5-31-75

Cement circulated No No. of Sacks

Cemented by 100000 Witnessed by Leon BenjaminTemp. Survey ran @ 4⁴⁵ (AM) (PM) Date 6-1-75 top cement @ 1000'

Casing test @ (AM) (PM) Date

Method Used Witnessed by

Checked for shut off @ (AM) (PM) Date

Method used Witnessed by

Remarks: 16" 165' SET @ 272' K.B. CMD TO SURFACE

11³/₄ CMT @ 1247' & 1217' BASKETS @ 929, 889, 847 & 808'

TAG BOTTOM IN W/TEMP SENS @ 1187' 5:40 AM 5-1-75

STAGE CEMENT DOWN 1.9 TBG IN 11³/₄ X 14³/₄ ANGLES AS FOLLOWS

- #1- 50 SX CLASS C 2¹/₂ cu/ft @ 788' IN PLACE @ 6:20 PM 5-1-75
- #2- 50 SX " " " " @ 788' " " 10:10 PM 6-1-75
- #3- 50 SX " " " " @ 788' " " 2³⁰ AM 6-2-75 (PRECED 4/10 CMT LCM 4100)
- #4- 50 SX " " 4¹/₂ cu/ft @ 591' " " 3⁰⁰ AM 6-2-75 (" " ")
- #5- 50 SX " " 4¹/₂ cu/ft @ 560' " " 8³⁰ AM 6-2-75 (HAD WTR RETURNS TO SURF)
- #6- 50 SX " " " " @ 555' " " 11⁵⁰ AM 6-2-75 (" " ")
- #7- 50 SX " " " " @ 522' " " 3¹⁵ PM 6-2-75 (10 SX LEFT TO TOP)
- #7- 120 SX " " " " " " CMT DEEPENING SLOWLY AFTER STOPPING TUBING