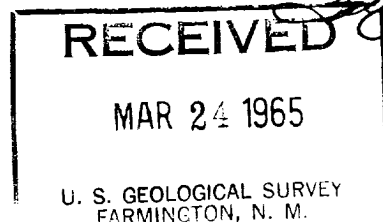




BYRON JACKSON INC.
FARMINGTON, NEW MEXICO
PHONE 325-6961 or 325-9861



Company Name Austral Oil Company, Inc.
Company Engineer Zead Hartgraves
Well Name -Bakota-2-12- Charles et al #2 12-27-9
Casing Size and Hole Size 4" casing in 7 7/8" hole 6736' TD
Stage Collars Set @ 2218' Baker Stage Tools
Date of Job 2-15-65 County and State San Juan, New Mexico
Drilling Company and Pusher Loffland Bros. Drilling Co., Wayne Hutson, pusher

1 STAGE

50sks GP-100
Starting Time for Pre Flush Mix 4:00 PM 2-15 Starting Time for Cement Mix 4:05 PM 2-15-65
Sacks of Mix 153 sks Diamix A, 153 sks Reg. Cement, 25 Calcium Chloride, 1/8 lb. Cello Flake

Slurry Vol. 356 cu ft, Slurry Wt. 13.6 #/gal
End of Mixing Time _____, Flush lines with water, drop plug.
Start Disp. 4:13 PM, Cir. PSI 500, Disp. Fluid, Type Water & Mud
Vc. 3.3, BPM req. for Turbulent Flow 8.03, " hole.
Rate of Disp. 8 BPM, Vol. of Disp. 106 bbls., Max. PSI 2500
Time Plug is Bumped 4:27 PM. Remarks:

Good circ. Rate was held to 8 BPM + low to obtain Contact

Time on wash Rec. Band.
Stage Collar opened @ 4:45 PM @ 1000 PSI

2 STAGE

Starting Time for Pre Flush Mix Not Used, Starting Time for Cement Mix 10:30 PM
Sacks of Mix _____

Slurry Vol. _____, Slurry Wt. _____
End of Mixing Time _____, Flush lines with water, drop plug.
Start Disp. Time _____, Cir. PSI _____, Disp. Fluid, Type _____
Vc. _____, BPM req. for Turbulent Flow _____
Rate of Disp. _____, BPM, Vol. of Disp. _____, Max. PSI _____
Remarks: Stage Collar closed when pump truck was hooked up and started to pump
water ahead of cement. Saved mix to run on next well.
Time Plug Bumped _____
Stage Collar opened @ 2:58 AM 2-16-65 @ 600 PSI

3 STAGE

Starting Time for Pre Flush Mix Not Used, Starting time for Cement Mix 2:35 AM 2-16-65
Sacks of Mix 60 sks Diamix A, 60 sks Type C Cement, 1/3 cu ft Strata Crete 6,
1/8 lb. cello Flake.

Slurry Vol. 192 cu ft, Slurry Wt. 12.7 #/gal
End of Mixing Time 2:50 AM, Flush lines with water, drop plug.
Start Disp. 2:55 AM, Cir. PSI 250, Disp. Fluid, Type Water
Vc. _____, BPM req. for Turbulent Flow _____
Rate of Disp. 12 BPM, Vol. of Disp. 35 bbls., Max. PSI 3000
Time Plug is Bumped 2:58 AM.
Remarks: Good Circ.

Byron Jackson Inc. Engineers on this Job C. W. Davis
Trucks Used 1267-P, 5041-B, 5260-B, 5253-B

Name of man making this report C. W. Davis /by J. Bush