

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

Oct. 15, 1964

Company Name Austral Oil Company
Company Engineer _____
Well Name Marshall #1
Casing Size and Hole Size 4" 10.5 lb. in 7 7/8" hole
Stage Collars Set @ 4800' & 2300'
Date of Job 10-14-64 County and State San Juan, New Mexico
Drilling Company and Pusher Loffland Bros. Drilling Co., Wayne, Eutsler

1 STAGE

Starting Time for Pre Flush Mix 11:15 AM, Starting Time for Cement Mix 11:20 AM
Sacks of Mix 240 1-1 Diamix A, 6% Gel, 1/8 lb. Cello Flake per sk.

Slurry Vol. 338 cu ft, Slurry Wt. 12.7 lb/gal
End of Mixing Time, Flush lines with water, drop plug.
Start Disp. 11:28 AM, Cir. PSI 200, Disp. Fluid, Type Mud & Water
Vc. _____, BPM req. for Turbulent Flow _____ " hole.
Rate of Disp. 12 BPM, Vol. of Disp. 110.8 bbls., Max. PSI 2000
Time Plug is Bumped 11:37 AM. Remarks: Good Circ.

Stage Collar opened @ 12:40 PM @ 1100 PSI

2 STAGE

Starting Time for Pre Flush Mix 6:00 PM, Starting Time for Cement Mix 6:05 PM
Sacks of Mix 120 sks Type C Cement, 4% Gel, 1/3 Cu Ft Strata Grate 6, 1/8 lb. Cello Flake

Slurry Vol. 250 cu ft, Slurry Wt. 13.4 lb/gal
End of Mixing Time 6:10 PM, Flush lines with water, drop plug.
Start Disp. Time 6:12 PM, Cir. PSI 250, Disp. Fluid, Type Mud & Water
Vc. _____, BPM req. for Turbulent Flow _____
Rate of Disp. 12 BPM, BPM, Vol. of Disp. 76 bbls., Max. PSI 2500
Remarks: Good Circ.

Time Plug Bumped 6:19 PM
Stage Collar opened @ 7:00 PM @ 1000 PSI

3 STAGE

Starting Time for Pre Flush Mix 12:00 AM, Starting Time for Cement Mix 12:05 AM
Sacks of Mix 120 sks Type C Cement, 1/3 Cu Ft Strata Grate 6, 1/8 lb Cello Flake

Slurry Vol. 250 cu ft, Slurry Wt. 13.4 lb/gal
End of Mixing Time 12:10 AM, Flush lines with water, drop plug.
Start Disp. 12:12 AM, Cir. PSI 250, Disp. Fluid, Type Water
Vc. _____, BPM req. for Turbulent Flow _____
Rate of Disp. 12 bbls PM, Vol. of Disp. 39 bbls., Max. PSI 2500
Time Plug is Bumped 12:15 AM
Remarks: Good Circ.

Byron Jackson Inc. Engineers on this Job C. W. Davis
Trucks Used 1267-P, 5041-B, 5232-B, 5253-B, 5260-B
Name of man making this report C. W. Davis / J. Bush