

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

March 18, 1965

Company Name Austral Oil Company, Inc.
Company Engineer Zead Hartgraves
Well Name Charles Etal. #1
Casing Size and Hole Size 4 1/2" casing in 7 7/8" hole 6658' TD
Stage Collars Set @ 4557' & 2141'
Date of Job 3/17/65 County and State San Juan, New Mexico
Drilling Company and Pusher Loffland Bros. Drilling, Wayne Hutson, pusher

1 STAGE

GP-100

Starting Time for Pre Flush Mix 5:35 PM, Starting Time for Cement Mix 5:43 PM
Sacks of Mix 153 sks Type A Cement, 153 sks Diamix A, 2% Ca Cl2 A-7, 1/8 lb. Cello Flake

Slurry Vol. 353 cu ft, Slurry Wt. 13.6 #/gal
End of Mixing Time, Flush lines with water, drop plug.
Start Disp. 5:53 PM, Cir. PSI 600, Disp. Fluid, Type Water & Mud
Vc. , BPM req. for Turbulent Flow , " hole.
Rate of Disp. 7.5 BPM, Vol. of Disp. 105.3 bbls., Max. PSI 2500
Time Plug is Bumped 6:06 PM. Remarks: Good Circ.

Stage Collar opened @ 6:40 PM @ 1200 PSI

2 STAGE

Water

Starting Time for Pre Flush Mix 11:32 PM, Starting Time for Cement Mix 11:34 PM
Sacks of Mix 60 sks Type C Cement, 4% Gel, 60 sks. Diamix A, 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 11:38 PM, Flush lines with water, drop plug.
Start Disp. Time 11:50 PM, Cir. PSI 400, Disp. Fluid, Type Water & Mud
Vc. , BPM req. for Turbulent Flow
Rate of Disp. 10, BPM, Vol. of Disp. 72.4 bbls., Max. PSI 2500
Remarks: Good Circ.

Time Plug Bumped 11:57 PM.
Stage Collar opened @ 12:30 AM 3/18/65 @ 1250 PSI

3 STAGE

Water

Starting Time for Pre Flush Mix 5:46 AM, Starting Time for Cement Mix 5:48 AM
Sacks of Mix 75 sks Type C Cement, 4% Gel, 75 sks Diamix A, 1/3 cu ft Strata Crete 6
1/8 lb. Cello Flake

Slurry Vol. 230 cu ft, Slurry Wt. 12.7 #/gal
End of Mixing Time 5:55 AM, Flush lines with water, drop plug.
Start Disp. 5:57 AM, Cir. PSI 400, Disp. Fluid, Type Water
Vc. , BPM req. for Turbulent Flow
Rate of Disp. 10 BPM, Vol. of Disp. 34 bbls., Max. PSI 2500
Time Plug is Bumped 6:00 AM 3/18/65
Remarks: Good Circ.

Byron Jackson Inc. Engineers on this Job C. W. Davis

Trucks Used 1267-P, 5041-B, 5232-B, 5260-B

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