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| Spud: | 26-Feb-05 |
| ADW #: | 11-Mar-05 |

ADW 2021

APACHE PARAMOUNT LAC MAUNOIR E-35 As-Built Diagram (Prior to Completion) MT. CLARKE EXPLORATION WELL



RIG: Akita 51

GROUND ELEVATION: 527.7 m
KB ELEVATION (est): 532.6 m

CO-ORDINATES:
Surface: 67deg 14' 27.6" N / 125deg 07' 15.8" W
Bottom Hole at TD: As above

SURFACE CASING 492 m

CONDUCTOR
Set by Rat Hole Rig

BOP STACK
279 mm x 21 MPa
CASING BOWL
279 mm x 21 MPa Slip-Lock

SURFACE:
Hole: 311 mm
Casing: 244.5 mm

Potential Severe Lost
Circulation

Loss Circ.
Possible

Top of Production cement @
Surface

PRODUCTION:
Hole: 216 mm
Casing: 177.8 mm

1011.0 m KB

CASING & CEMENTING

CONDUCTOR CASING:
339.7 mm, 101.3 kg/m, K-55, BT&C
cemented with 11.2 m3 Arctic Set Cement.
SURFACE CASING:
244.5 mm, 69.94 kg/m, L-80, LT&C
casing landed at 492.0 m KB
Cemented with 17.0 m3 RFC cement.

PRODUCTION CASING:
0 - T.D.:
177.8 mm, 43.16 kg/m, L-80, LT&C
casing landed at 1011.0 m KB
Cemented with 18.4 m3 RFC cement.

Reciprocate casing prior to and during cmtg.
PRESSURE TEST:
CASING: Bump plug & test to 10,000 kPa.

Note: Drilling fluid products, casing, and
casing accessories are stored at SRP yard
in Norman Wells.

Rock bits will be shipped to Norman Wells
by plane and stored at SRP.

DRILLING FLUIDS

CONDUCTOR HOLE: 445 mm
Installed by dul rotary rat hole rig.
SURFACE HOLE: 349 mm
Gell slurry mud

MAIN HOLE: 216 mm
Drilled with water based saturated salt mud.

POTENTIAL PROBLEMS

MAIN HOLE
Severe lost circulation in surface hole. Drilled entire
surface hole blind.

There is no H2S in this area.

DRILLING PROCEDURES

Objective: Secondary: Mt. Cap
Primary: Mt. Clarke
Drill String: 114.3 mm
Bits: PDC bits
Logging: Conventional wireline tools.
Coring: None
DST's: None

DIRECTIONAL PLAN

Surface hole was drilled with mud motor.
Production hole was drilled with mud motor.

PHONE LIST

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|------------------------------|-----|----------|
| Drig. Sup.:Greg Hladun off. | 403 | 303-1833 |
| Drig. Sup.:Greg Hladun cell. | 403 | 875-0297 |
| Drig. Mgr: Al Cutt | 403 | 261-1315 |
| Geology: Ross Pitman | 403 | 261-1371 |
| Field Drilling Sup:Wilf Swan | 867 | 587-2542 |
| Const.: Rand Silkie | 403 | 510-3321 |
| Drilling Fluid: BAKER | 403 | 537-3726 |
| Baker - David Kadylo cell | 403 | 813-5444 |
| Directional:Baker | 403 | 537-3726 |
| Cement: Dowell Schlumb. | 867 | 587-2645 |
| Logging: Schlumberger | 867 | 587-2645 |
| Trucking: SRP | 867 | 587-2542 |
| Bits: Hughes | 250 | 261-0086 |
| Casing: At SRP yard | 867 | 587-2542 |
| SRP: Phil Flaumitsch | 867 | 587-2542 |
| Wellhead: Cooper | 403 | 261-2800 |
| Float Equip: Weatherford | | |
| Centrifuges: Oiltools | 780 | 955-5588 |
| Drilling Jars/SS: Baker | 780 | 537-3459 |
| Apache Fax | 403 | 261-1349 |