

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  
Loss Circ.  
Possible

**Potential Severe Lost Circulation**

**PRODUCTION:**  
Hole: 216 mm  
Casing: 177.8 mm

**Top of Production cement @ Surface**

**65**

**492**

**1011.0 m KB**

CASING & CEMENTING	DRILLING FLUIDS
<b>CONDUCTOR CASING:</b> 339.7 mm, 101.3 kg/m, K-55, BT&C cemented with 11.2 m <sup>3</sup> Arctic Set Cement. <b>SURFACE CASING:</b> 244.5 mm, 69.94 kg/m, L-80, LT&C casing landed at 492.0 m KB Cemented with 17.0 m <sup>3</sup> RFC cement.	<b>CONDUCTOR HOLE: 445 mm</b> Installed by dul rotary rat hole rig. <b>SURFACE HOLE: 349 mm</b> Gell slurry mud
	<b>MAIN HOLE: 216 mm</b>  Drilled with water based saturated salt mud.
<b>PRODUCTION CASING:</b> 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 m <sup>3</sup> RFC cement.	
 Reciprocate casing prior to and during cmgt. <b>PRESSURE TEST:</b> 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.	<b>POTENTIAL PROBLEMS</b> <b>MAIN HOLE</b> 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		
Drig. Sup.: Greg Hladun off.	403	303-1833
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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 Flaurmitsch	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