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**TABLE NO.1**

**Comparison of Waterflood and CO2 Recovery Profiles**

**TABLE NO. 1**  
**SINCLAIR UNIT No.1**  
**COMPARISON OF WATERFLOOD AND CO2 RECOVERY PROFILES**

Case	Cum.Oil (BOE)	% Recovery of Oil-in-Place (% OIP)	Description
Case 1	2,575,000	34.4	Waterflood only Sections 4 & 9
Case 2	3,265,000	43.6	Waterflood Sections 4& 9 with offset waterflood
Case 3	4,557,000	63.2	Straight CO2 injection (from 2008 to 2014) with offset waterflood
Case 4	3,476,000	48.2	WAG: CO2 injection from 2008 to 2014 then convert to waterflood operations
Case 5	3,888,000	53.9	WAG: CO2 injection from 2008 to 2025 then convert to waterflood operations
CO2 Pilot	3,410,000	47.3	Convert Hz8-4 to CO2 injection in April,2008 and continue with CO2 until 2045
WAG Pilot	3,127,000	43.3	Convert Hz8-4 to CO2 injection in April,2008 and convert back to water injection in April, 2009 and continue with waterflood operations until 2045

**TABLE NO.2**

Historical Injection Well Development Costs and Cost of Engineering & Geology Studies

**TABLE NO.2  
HISTORICAL INJECTION WELL DEVELOPMENT COSTS  
COST OF ENGINEERING & GEOLOGY STUDIES**

Type of Cost	Drill (\$)	Complete & Equip (\$)	Workover (\$)	Convert to Injector (\$)	Other (\$)	Total (\$)
Injector 8-4-8-29	570,697	125,238	165,559	66,357	-	927,851
<b>Engineering Studies</b>	<b>PTA (\$)</b>	<b>Numerical Simulation (\$)</b>	<b>Waterflood Audit (\$)</b>	<b>Laboratory Studies (\$)</b>	<b>Tracer Analysis (\$)</b>	
Taurus Reservoir Solutions	26,235					
Exploitation Technologies		138,986				
APA / RPS			84,408			
Hycal				268,802		
Core Lab.					122,783	
<b>Subtotal</b>	<b>26,235</b>	<b>138,986</b>	<b>84,408</b>	<b>268,802</b>	<b>122,783</b>	<b>641,214</b>
<b>Geology Studies</b>	<b>Petrographic</b>	<b>Core Analysis</b>				
Caesar Geo. Consultants	34,668					
Core Lab		119,829				
<b>Subtotal</b>	<b>34,668</b>	<b>119,829</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>154,497</b>
<b>TOTAL</b>						<b>1,723,562</b>

**TABLE NO.3**

Estimated Remaining Capital Costs to Commission CO2 Injection at 8-4-8-29 Hz Injector

**TABLE NO.3**

**ESTIMATED REMAINING CAPITAL COSTS TO COMMISSION CO2 INJECTION AT 8-4-8-29 Hz**

Item	Cost (\$)	Comments
Pumping Skid	522,060	
CO2 Storage Tanks	48,000	Rental of 2 Tanks for 48 Months
Cost to install & tie-in CO2 Tanks & Pump	200,000	
Electrical to site	60,000	
Radio Communication	15,000	
Down-hole work	150,000	tubing, packer, and wellhead
New Header & Separator Package	170,000	header & separator must be coated
Miscellaneous	112,000	Contingency
<b>Total</b>	<b>1,277,060</b>	
Two Observation Wells	900,000	Two wells required to monitor reservoir pressure & fluid composition during CO2 Pilot Operation