

**DOWNHOLE SERVICES DRILLING COST ESTIMATE****Bravo Dome Unit 1933-191G****Oracle Configuration for Project Costs**

Bravo Dome Unit - Tubb Vertical @ 2500' x 700' Surface Casing

Top Drive Rig as of 03/14/05.

3.0 Days Drilling with Rig Move on the 4th Day

Code	Account	DETAIL	SERVICE	PROBABLE VENDOR	EST. COST
59001	Capital Prespud Expense				
	33230	Site Prep	Surveys	OP,Asel, Horizon Survey	\$1,500.00
	33230	Site Prep	Roads,Location & Pits	Various	\$7,000.00
	36130	Land /Right-Of-Way	Land Damage	Landowner, Leaseowner	\$1,000.00
	**	Salaries	Supervision	Oxy	\$3,500.00
	TAXES				\$715.00
					\$13,715.00
59003	Capital Drilling Costs				
	31210	Noncontrollable Misc.	Rope, Soap & Dope	Red Man	\$400.00
	33030	Drilling Rig	Drilling - Daywork	Cheyenne - \$10080/Day	\$30,240.00
	***33010	Rig Mobilization	Rig Move	Cheyenne	\$12,900.00
	33080	Fuel & Water	Rig Fuel	Pogue \$1.85	\$555.00
	33060	Mud	Mud Additives	Buckeye	\$6,900.00
	33060	Mud	Misc. - Oil	Oil	\$250.00
	33040	Bits/Reamers/Coring	7 7/8" BB	Varel	\$3,600.00
	33040	Bits/Reamers/Coring	12 1/4" MT	Varel	\$275.00
	33100	Rentals	Trash/Toilet	Oxy-RefChem	\$100.00
	33110	Cementing	Cement Surface	Halliburton	\$8,500.00
	33110	Cementing	Cement Prod Casing	Halliburton	\$13,000.00
	33170	Land Transport	Trucking FG Casing	Red Man	\$925.00
	33200	Fuel & Water	Fresh Water	Various	\$800.00
	33200	Fuel & Water	Transport	Potter	\$5,000.00
	31010	Casing	Surface Casing - 700'	8 5/8" 24# J-55 \$16.00	\$11,500.00
	31010	Casing	Prod Csg - 200'	5.50" 15.5# J-55 \$10.50	\$2,100.00
	31010	Casing	Prod Csg - 2300'	5.50" 5.9# 10RD FG \$15.10	\$35,000.00
	31140	Wellhead Equipment	Wellhead/Landing Sub	Redman	\$2,215.00
	TAXES				\$7,384.30
				\$141,644.30	
59004	Capital Completion Costs				
	33240	Service Company Other	Frac	Halliburton	\$55,000.00
	33240	Service Company Other	Log & Perforate	Gray Wireline	\$12,500.00
	33240	Service Company Other	CO2	BOC	\$8,600.00
	33240	Service Company Other	Service Unit	Eldridge	\$9,000.00
	33100	Rentals	Frac Valve	Guardian	\$0.00
	33240	Service Company Other	Reverse/Foam Unit	Weatherford	\$0.00
	33240	Service Company Other	Supervision	Joe Holladay	\$1,150.00
	33240	Service Company Other	Frac Tank	Musslewhite	\$750.00
	33200	Fuel & Water	Transport	Potter	\$1,200.00
	33240	Service Company Other	Pump Truck	Oxy	\$0.00
	33240	Service Company Other	Anchors	Musslewhite	\$800.00
	33240	Service Company Other	Acid	Halliburton	\$500.00
	33240	Service Company Other	Acid Truck	Potter	\$150.00
	TAXES				\$4,930.75
				\$94,580.75	

<b>Total Drill &amp; Case</b>	<b>\$155,359.30</b>
<b>Total Drill &amp; Case W/ 5% Contingency</b>	<b>\$163,127.27</b>
<b>Total Drill, Case &amp; Complete</b>	<b>\$249,940.05</b>
<b>Total Drill, Case &amp; Complete W/ 5% Contingency</b>	<b>\$262,437.05</b>

\*\* INCLUDES ALL OXY PERSONNEL AND CONSULTANTS INCLUDING LOCATION BUILDING SUPERVISION.

\*\*\* INCLUDES MOVE IN AND MOVE OUT COSTS.

<b>Producing Well Cost Estimate</b>	<b>\$249,940.05</b>
<b>Dry Hole Cost Estimate</b>	<b>\$125,259.30</b>