## **Geological Morning Report**

Well Name: ABC Oil An Location: 12-23-45-12	-	Spud Date: Days from Spud: K.B. Elevation: Ground Elevation:	Feb 25, 2001 @ 22:15 4 24.90 21.10						
Date:	Mar 1, 2001	Depth:	512.50						
Time: Rotating Hours:	1600 hrs 20.30 hrs	Progress: Average R.O.P.:	114.50 5.64						
Daily Costs:	\$63,933	Accumulated Cost:	\$497,148						
Formation:	Main Tidsdale Sandstor	ne	, , , , , , , , , , , , , , , , , , ,						
Operational Status:	P.O.O.H to run Intermedi	P.O.O.H to run Intermediate Casing.							
Operational Summary:	Trip to change BHA. Dire	Directional Drill ahead to 397m. Repair mud pumps. Directional Drill ahead to 471m. Trip to change BHA. Directional Drill ahead to 512.5m. Circulate bottom hole sample. P.O.O.H. to run Intermeadiate Casing.							
Report From: Report To: Remarks:	Bob Sephton Freddy Whynot								

Most of the core rig has arrived and is presently rigging up. I am not sure of whether it is here in its entirety but will monitor the situation.

Kelly Bushing Elevation:24Ground Elevation:21	Casing Flai Storage Un	nge Elevation: its:	:			
Group <i>Formation</i> Member	Prognosed Top (TVD)	Sample Top (MD)	Sample Top (TVD)	Subsea Elevation	Thickness	Difference from Prognosis
<b>Sephton</b> Sephton Carbonate		227.50	226.30	-201.40	35.20	
<b>Septhon</b> Base Sephton Carbonate		266.00	261.50	-236.60	33.90	
<i>Lambert</i> Lambert Evaporite		303.00	295.40	-270.50	20.50	
<i>Roemer Salt</i> Top Roemer Salt	305.00	332.40	315.90	-291.00	40.30	-10.90
<i>Roemer Salt</i> Base Roemer Salt	324.00	356.20	332.70	-307.80	3.80	-8.70

## **Formation Summary**

Well Name: ABC Oil Anywhere 12-25 Location: 12-23-45-12 W4M Spud Date:Feb 25, 2001 @ 22:15Days from Spud:4K.B. Elevation:24.90Ground Elevation:21.10

## Lithology Summary

395.00 to 512.50 (117.50)	Refer to Striplog
512.50 to 560.00 (47.50)	Sandstone with minor Cement. Sandstone is predominately light gray, light gray brown, medium to coarse grained, moderately well sorted, subrounded to subangular, quartz, very commo micaceous flakes, occasional feldspar, trace chlorite, predominately disaggregated, occasional traces dolomitic cement, good to excellent estimated intergranular porosity (16-24%), common patchy brown oil staining, bright yellow fluorescence, good instantaneous streaming bright yellow cut fluorescence.

## **Gas Summary**

\*\* All Gas Values are in Percentage \*\*

Interva	al: Fron	n: <b>400.0</b>	<b>00</b> to	490.0	D	Thickness: 90.00			0	
	TG	C1	C2	C3	IC4	NC4	TC4	IC5	NC5	TC5
MIN	1.340	0.980	0.134	0.013						
MAX	1.560	1.230	0.155	0.014						

Remarks: Background Gas

Interva	al: Fron	n: <b>490.0</b>	<b>00</b> to	512.0	0	Thickness: 22.00				
	TG	C1	C2	C3	IC4	NC4	TC4	IC5	NC5	TC5
MIN	10.230	6.780	2.450	0.980	0.341	0.231	0.572	0.022	0.054	0.076
MAX	15.670	10.560	3.450	1.450	0.786	0.965	1.751	0.053	0.098	0.151

Remarks: Formation Gas from Main Gamba Sand

Interva	al: Fron	n: <b>512.(</b>	<b>00</b> to	512.5	D Thickness: 0.50					
	TG	C1	C2	C3	IC4	NC4	TC4	IC5	NC5	TC5
MIN	91.700	65.400	12.300	3.560	2.430	3.320	5.750	2.120	1.340	3.460
MAX										

Remarks: Trip Gas Prior to Running Casing.