

YESO STATE #1
DRILL STEM TEST RESULTS

DST #1 (Grayburg formation from 4986' to 5025' run on 2-13-83)

<u>TOP PRESS CHART</u>	<u>TEST INCREMENTS</u>	<u>BOTTOM PRESS CHART</u>
2253	IHP (psig)	2261
33.8-39.4	10 min IFP (psig)	37.0-45.0
1877	60 min ISIP (psig)	1878
39.4-50.7	60 min FFP (psig)	45.0-53.9
1860	180 min FSIP (psig)	1879
2259	FHP (psig)	2267
104	Temp (°F)	104

Drill Pipe Recovery: 40 feet of drlg fluid (0.2 bbl), Cl⁻ = 29,000 ppm.

Sampler Recovery: 2400 cc mud. Resistivity = 0.16 @ 54°F, Cl⁻ = 29,000 ppm
Mud pit sample resistivity = 0.15 @ 64°F, Cl⁻ = 31,000 ppm

DST #2 (Yeso Detrital formation from 9232' to 9370' run on 3-4-83)

<u>TOP PRESS CHART</u>	<u>TEST INCREMENTS</u>	<u>BOTTOM PRESS CHART</u>
4609	IHP (psig)	4614
178-229	10 min IFP (psig)	175-228
3397	60 min ISIP (psig)	3398
203-430	60 min FFP (psig)	204-432
2753	180 min FSIP (psig)	2751
4609	FHP (psig)	4614
140	Temp (°F)	140

Drill Pipe Recovery: 8270 feet of gas
875 feet of oil (8 bbls)
150 feet of gas cut drlg fluid

Sampler Recovery: 0.92 cf gas
2200 cc oil - wtr emulsion. °API @ 60°F = 30.5
Resistivity of wtr = TSTM, Cl⁻ = 96,000 ppm
Mud pit sample resistivity = 0.08 @ 54°F, Cl⁻ = 73,000 ppm

Sampler pressure = 182 psig