

Location Odessa, TexasDate Secured 9-29-76

Time _____

Sampler's Ident. _____

A Sample of: Casinghead Natural Gas - McClellan Oil Corp.

Secured from Well #1 - Barbara "A" Federal Program # 2376-1102
Location 660' N & W 10-16-29 County Eddy State New Mexico
Purpose Survey Secured by RTW
Sampling Conditions: Atmos. Temp. 55 °F; Pressure on Bomb 12 lbs./sq. in.; Bbls oil/day 8.00
Volume/day 254 Mcfd ; Weather conditions at time of sampling _____
Field Gas Pressure _____ PSIG; Line Pressure _____ PSIG.

Chromo		Analysis	14.65 PSI at 60°F
Mol. %	Liq. %		
Carbon Dioxide		Propane	Calc. G.P.M. <u>.627</u>
Oxygen		Iso-Butane	Calc. G.P.M. <u>.076</u>
Nitrogen	<u>33.94</u>	Nor-Butane	Calc. G.P.M. <u>.169</u>
Hydrogen Sulfide		Pentane+	Calc. G.P.M. <u>.296</u>
		Propane +	Calc. G.P.M. <u>1.168</u>
Methane	<u>56.43</u>	Test Car (Date	
Ethane	<u>5.85</u>	B.T.U./_____ cu. ft. W.B.	<u>778</u>
Propane	<u>2.28</u>	Calc. Specific Gravity	<u>.774</u>
Iso-Butane	<u>.23</u>	Calc. A.P.I. @ 60°F	
Nor-Butane	<u>.54</u>	Observed A.P.I. Av.	
Iso-Pentane	<u>.15</u>	max CO ₂ by max Drager	<u>0.0%</u>
Non-Pentane	<u>.16</u>	H ₂ S grains/100 cu. ft.	<u>Sweet to L.A.</u>
Hexanes	<u>.18</u>	Mercaptans gr/100 cu. ft.	
Heptanes Plus	<u>.24</u>	Calc. Vap. Press. #/sq. in.	
Total	<u>100.00</u>	Reid Vap. Press. #/sq. in.	
		Cu. Ft. gas/Gal. Liq.	
		Calc. Gasoline Factors	
Run by <u>JB</u>	Calculated by _____	26-70 Gasoline	<u>0.</u>
Checked by _____	Approved by _____	Excess Butane	<u>0.</u>
		Excess Propane	<u>0.</u>
		Excess Ethane & Lighter	<u>0.</u>
			<u>1.0000</u>

Additional Data and Remarks: Wildcat - Premier
Gas Temp. 60°
Heater Treater 120° at 12#
PG

Distribution:

RECEIVED

NOV 5 1976

J. C. G.
LABORATORY