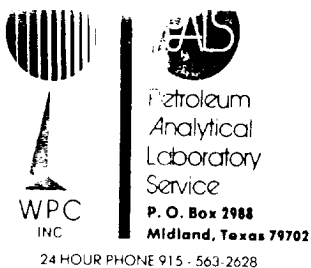


Air Monitoring
 Complete Gas Service
 Consulting Chemists
 Corrosion Fatigue Testing
 Pollution Control
 Water Analysis



NO. 11428
 RUN No. 11428
 DATE OF RUN _____
 DATE SECURED 9/4/79

A SAMPLE OF WHITTEN FEDERAL #1 0 METER RIJN
 SECURED FROM GRACE PETROLEUM COMPANY
 AT MIDLAND, TEXAS SECURED BY _____
 SAMPLING CONDITIONS PRESS. 780# TEMP. 90° TIME _____ DATE _____
Subsurface Well Testing

FRACTIONAL ANALYSIS
 @ 14.696 & 60 DEG. F.

	MOL %	WT. %	LIQ %	CALC. SP. GR.	<u>0.7004</u>	PROPANE CALC. G.P.M.	<u>1.221</u>
CARBON DIOXIDE	<u>0.23</u>			CALC. A.P.I.		BUTANES CALC. G.P.M.	<u>0.573</u>
AIR				CALC. MOL. WT.		PENTANES PLUS. G.P.M.	<u>0.441</u>
NITROGEN	<u>0.60</u>			Calc. Vapor Press.		ETHANE CALC. G.P.M.	<u>2.596</u>
OXYGEN				SP. GR. C +		TOTAL G.P.M.	
H ₂ S	<u>0.00</u>			MOL. WT. C +		B.T.U./CU. FT.	
METHANE	<u>82.09</u>		<u>GPM</u>	VAP. PRESS. C +		DRY BASIS	<u>1223</u>
ETHANE	<u>9.73</u>		<u>2.596</u>	GAL/# MOL. C +		WET BASIS	<u>1202</u>
PROPANE	<u>4.45</u>		<u>1.221</u>	CF/GAL C +		26# PRODUCT	<u>0.675</u>
ISO-BUTANE	<u>0.60</u>		<u>0.196</u>	LB/GAL C +		12# PRODUCT	<u>0.458</u>
N-BUTANE	<u>1.20</u>		<u>0.377</u>	26.0 R.V.P. Gasoline		% BUTANES INCLUDED	
ISO-PENTANE	<u>0.32</u>		<u>0.118</u>	EXCESS C4s		Sulfur Analysis (Gr./100 Cu.Ft.)	
N-PENTANE	<u>0.29</u>		<u>0.107</u>	EXCESS C3		HYDROGEN SULFIDE By	<u>0 ppm *</u>
HEXANES	<u>0.18</u>		<u>0.075</u>	EXCESS C2		MERCAPTANS Drager	
HEPTANES	<u>0.31</u>		<u>0.141</u>	14.0 R.V.P. Gasoline		SULFIDES	
				EXCESS C4's		RESIDUAL SULFUR	
				EXCESS C3		Moisture Content, #/MM Cu. Ft.	
				EXCESS C2			
				12.0 R.V.P. Gasoline			
				EXCESS C4's			
				EXCESS C3			
				EXCESS C2			
TOTAL	<u>100.00</u>		<u>4.831</u>				

RUN BY MCPHERSON CHECKED BY BARNETT APPROVED BY [Signature]

ADDITIONAL DATA AND REMARKS

* H₂S run in Cylinder

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