HYDROCARBON ANALYSIS
Form 15-1R (Rev. 12-65)

LABORATORY

TYPE ANALYSIS	Pod	Mass Sp.	Chromatograph	Other	Analysis No.
					39116

Sample From: Angell Ranch Com. - Unit B

Owner	State	County
Penroc Oil Corp.	New Mexico	Eddy

Location or Field	Formation	Depth	From	To
	Morrow			

Date Secured	Secured by	Department
12-15-76	Swartz	
Date Run	**Run by**	**Checked by**
12-16-76	Danford	

Source Press.	Bomb Press.	Source Temp.	Atmos. Temp.

BTU @ 14.696	Actual	Calculated, Dry	SP. GR. @ 14.696 & 60° F	Actual	Calculated
		1090.92			.633

Hydrogen Sulphide as grs. H_2S/ 100 SCF	Mercaptan as grs. Sulfur/100 SCF	Total	Sweet
.04 Gr	.02 Gr	.06 Gr	

VAPOR PRESS. @ 100° F	Actual, Reid	Calculated

COMPONENT		MOLE %	GPM	LIQ. VOL. %
Helium	HE_2			
Hydrogen Sulphide	H_2S			
Carbon Dioxide	CO_2	1.49		
Nitrogen	N_2	.44		
Methane	C_1	89.43		
Ethane	C_2	5.59		
Propane	C_3	2.04	.5612	
Iso Butane	IC_4	.28	.0915	
Normal Butane	C_4	.49	.1543	
Iso Pentane	IC_5	.11	.0402	
Normal Pentane	C_5	.09	.0325	
Hexane	C_6	.03	.0131	
Heptane	C_7	.01	.0048	
		100.00	.8976	

ENGLER	
IBP	% @ 96
5	% @ 140
10	% @ 275
20	End Point
30	Recovery
40	Residue
50	Loss
60	
70	
80	
90	

REMARKS

Sec. 33
TWP 19
RGE 28

DISTRIBUTION

JWC	AJD	ES
RTW	HW	JWC-M/O
HH	JWB	TD
TD	DD	RES. ENGR. - TEST SEC.
		File