

PHILLIPS PETROLEUM COMPANY
SWD LAB - ODESSA, TEXAS

CHROMO ANALYSIS

Run# 256

Date Run 4-2-71

Date Sec. 3-3-71

Time

Sample of GAS WELL GAS - WILDCAT FIELD - QUEEN FORM -
DALBERT OIL CO.

Secured from WELL #1 HILL LEASE County CHAVES State NEW MEXICO

Location 1977S-1983W 26-14-29 Purpose SURVEY Secured by COOPER

Sampling Condition : Atmos. Temp. 70 °F ; Gas Temp. 78 °F ; Volume/Day

Field Gas Press. # ; Line Press. psig ; Weather Conditions

Calculations	Components	Mol %	Data to be Typed on Form 206	GPM Factors	BTU Factors	Sp. Gr. Factors
.51 x x	Helium		Propane GPM 731			.138
1.18 x x	Carbon Dioxide		I-Butane GPM 104			1.519
.01 x x	Oxygen		N-Butane GPM 194			1.105
77.2			S ²			
5.18 x x	Nitrogen	63.84	Pentane + GPM 161			.967
26.1-16 216-16	Hydrogen Sulfide		Propane + GPM 1,190		637	1.176
760 x x			S ⁶			
520 633	Methane	25.87	Test Car GPM		1010	.554
70.03 x x	Ethane	6.26	BTU CF SB 478		1769	1.038
215.8 161-4	Propane	2.67	Calc. Sp. Gr. 897	.27364	2517	1.522
9.17 x x	I-Butane	.32	H ₂ S + CO ₂ NEG	.32514	3253	2.006
257-64 171-64	N-Butane	.62	H ₂ S GR/100 CF NEG	.31339	3262	2.006
5.91 x x	I-Pentane	.14	Mercaptans	.36382	4000	2.491
165-14 154-32	N-Pentane	.14		.36014	4009	2.491
3.07 x x	Hexanes	.08		.40989	4747	2.975
157-32 132-4	Heptanes +	.06		.45812	5492	3.459
3.04 x x						
274-16 273-4						
.93 x x						
232-4 140-7						
.95 x x						
121-4 113-1						
1.88 x x						
- 259-7						
1.88 x x						
220-1 257-7						

Run by DRAIN 101.37 100.00 Checked by DRAIN

Additional Data : Rx. Gravity ; Flo. Tub. Press. 485 #

Bomb Press. # ; Trap Press. # @ °F

Choke 10/64 ; NO TRAP