

Sample No. **40322**

Sample From: **GOVERNMENT S No 1**

Company: **CITIES SERVICE OIL CO** State: **NM** County: **EDDY**

Location or Field: **WINCHESTER** Formation: **WOLFCAMP** Depth: _____ From: _____ To: _____

Date Secured: **8.16.77** Secured By: **HICKS** Department: _____

Date Run: **8.17.77** Run By: **SIMMONS** Checked By: _____

Source Press.: _____ Bomb Press.: _____ Source Temp.: _____ Atmos. Temp.: _____

SULPHUR - GRS. PER 100 cu. Ft.	Hydrogen Sulphide: .05	Mercaptan: .02	Total: .07	Sweet
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COMPONENT	AREA	FACTOR	CORRECTED AREA	MOLE %	GPM	BTU	Sp. Gr.
Helium	HE ₂						
Hydrogen Sulphide	H ₂ S						
Carbon Dioxide	CO ₂	15832	3940	0.62	0.63		.010 .005
Nitrogen	N ₂	122622	3812	4.67	4.73		.046
Methane	C ₁	1397093	5603	78.28	79.21	801.61	439
Ethane	C ₂	257328	3771	9.70	9.82	174.11	.102
Propane	C ₃	119023	3110	3.70	3.74	1.029	94.36
Iso Butane	IC ₄	17043	2814	0.48	0.49	.160	15.98
Normal Butane	C ₄	33106	2851	0.94	0.95	.299	31.07
Iso Pentane	IC ₅	6739	2797	0.19	0.19	.070	7.62
Normal Pentane	C ₅	6286	2854	0.18	0.18	.065	7.23
Hexane	C ₆			0.04	0.04	.017	2.05
Heptane	C ₇			0.07	0.02	.010	1.18
TOTAL				98.82	100.00	1.650	1135.21

Remarks: **SEC 3**
TWP 20
RGE 28

Meter No. _____

