

EXHIBIT 5

SHOWS ABSENCE OF PENN GAS
ZONE IN CARPER #1AE SOLDIER HILL
1400' NW OF XPLOR NO.1 CLEVELAND

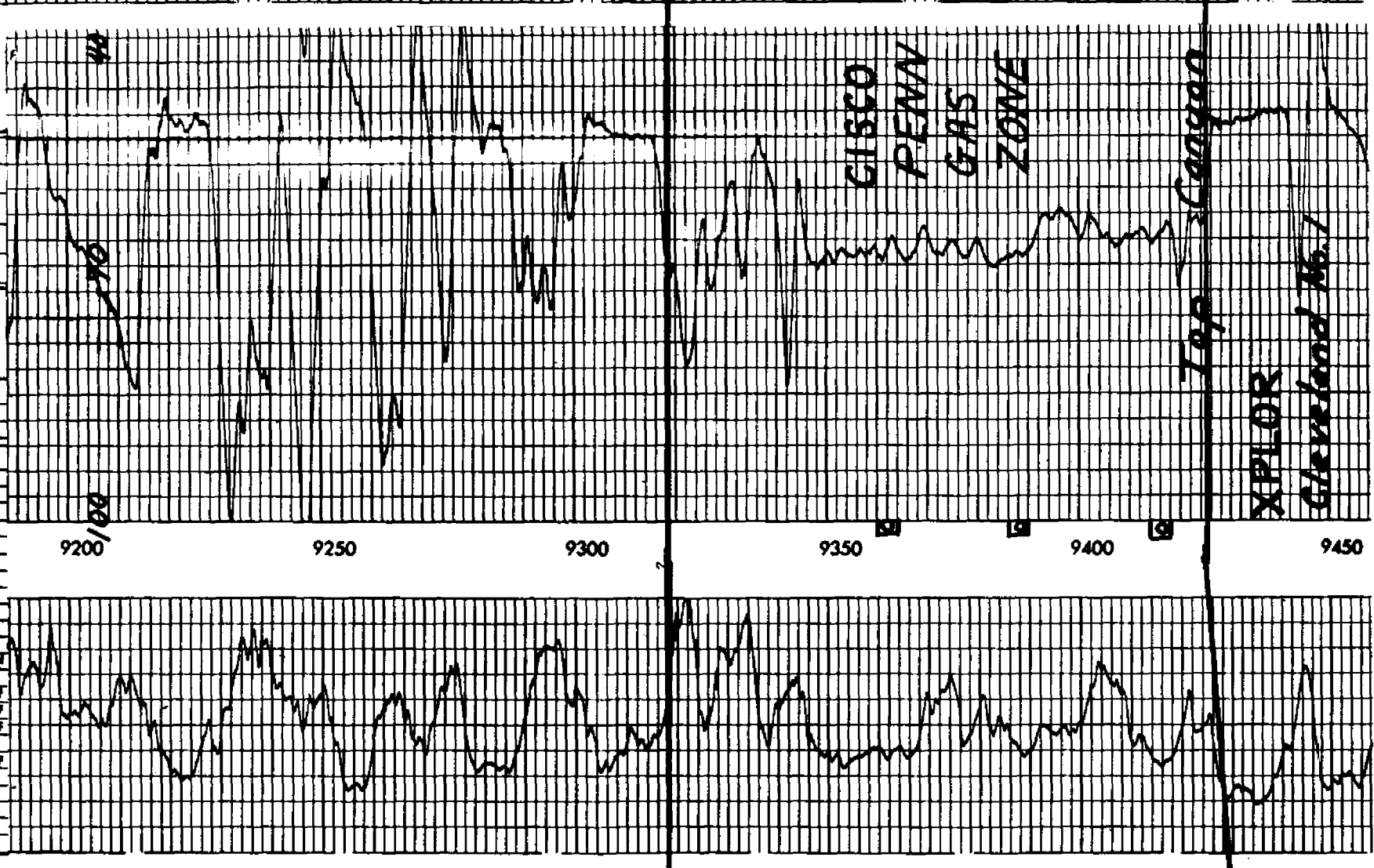


BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 5
CASE NO. 4420



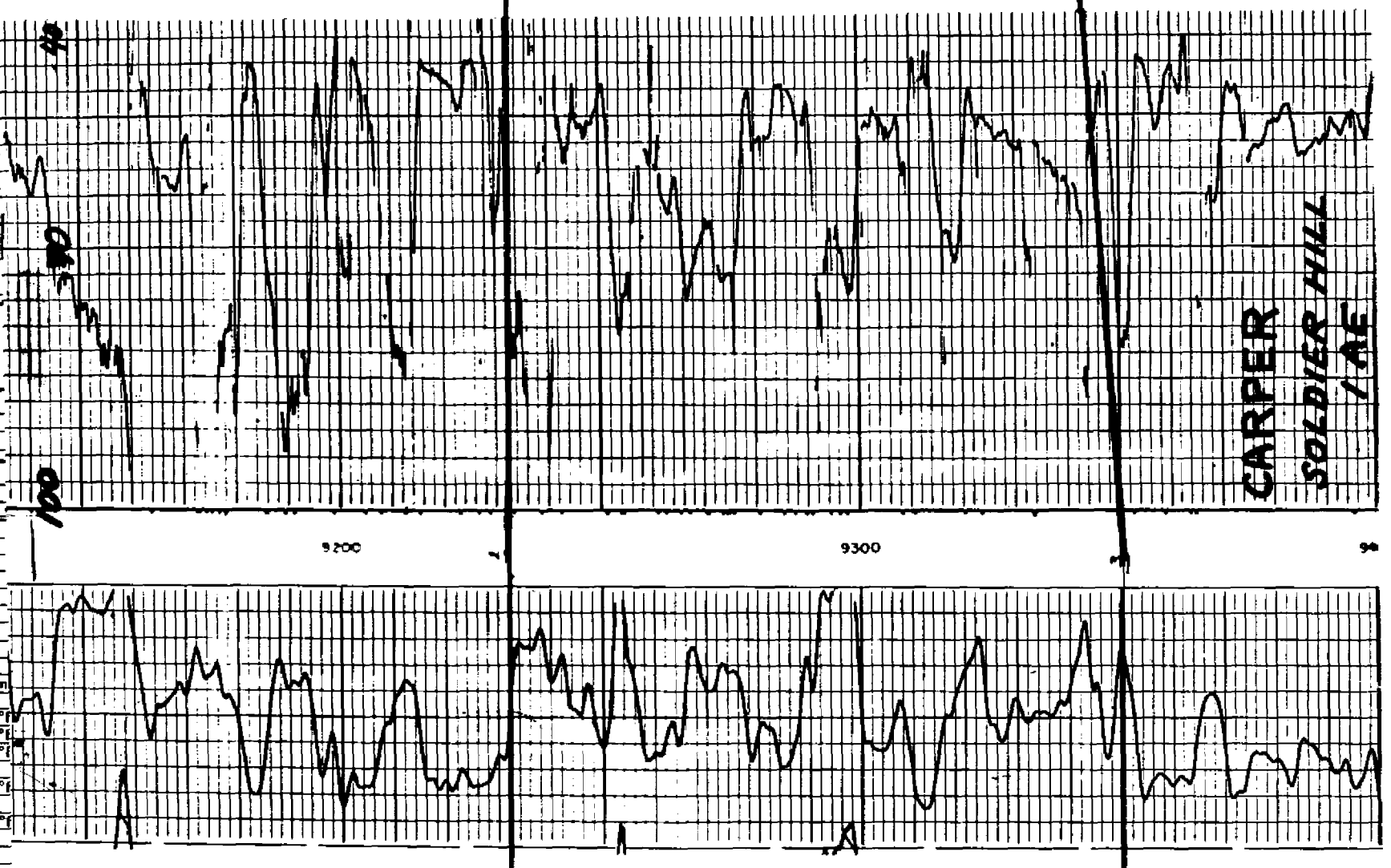
COMPENSATED
ACOUSTIC VELOCITY
LOG

COMPANY XPLOR COMPANY	
WELL CLEVELAND #1	
FIELD WILDCAT	
COUNTY LEA	STATE NEW MEXICO
Location 1650' FNL & 2310' FEL	
Sec. 23	Twp. 12-S Rge. 32-E
Guard Forso	
Permanent Datum Ground Level Elev. 4332'	
Log Measured From K.B. - 11 Ft. Above Perm. Datum	
Drilling Measured From Kelly Bushing	
Date 2/2/70	
Run No. - One -	
Depth - Driller 11,227	
Depth - Waker 11,230	
Wm. Log Interval 11,224	
Top Log Interval 5,585	
Casing - Driller 8-7/8" @ 3,700	
Casing - Waker	
Bit Size 7-7/8"	
Type Fluid in Hole Mud	
Dens. Visc.	9.3 55
pH Fluid Loss	8.5 17 ml
Source of Sample Circulated	
R ₁ @ Meas. Temp.	14 @ 44°F
R ₂ @ Meas. Temp.	12 @ 46°F
R ₃ @ Meas. Temp.	8 @ 48°F
R ₄ @ Meas. Temp.	8 @ 48°F
Source R ₁ R ₂ R ₃ R ₄	Measured
R ₁ @ BHT	.045 @ 179°F
Time Since Circ. 15 HOURS	
Max. Rec. Temp. 86421 Hobbs	
Equip. Location Whitacre & Ayres	
Recorded By Mr. W.A. Heck	
Witnessed By	



SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COMPANY CARPER DRILLING COMPANY, INC.	
WELL SOLDIER HILL STATE "AE" #1	
FIELD WILLOCAT	
COUNTY LEA	STATE NEW MEXICO
Location 800' FNL 1800' FNL	
Sec. 23	Twp. 12-S Rge. 32-E
Other Services LL-MLL-COD	
Permanent Datum GROUND LEVEL Elev. 4336	
Log Measured From K.B. - 12 Ft. Above Perm. Datum	
Drilling Measured From K.B.	
Date 5-7-64	
Run No. ONE	
Depth - Driller 11290	
Depth - Logger 11290	
Wm. Log Interval 11282	
Top Log Interval 100	
Casing - Driller 8-5/8" @ 3619	
Casing - Logger	
Bit Size 7-7/8"	
Type Fluid in Hole SALT GEL OIL	
Dens. Visc.	9 50
pH Fluid Loss	11 14 ml
Source of Sample CIRCULATED	
R ₁ @ Meas. Temp.	18 @ 66°F
R ₂ @ Meas. Temp.	11 @ 66°F
R ₃ @ Meas. Temp.	20 @ 66°F
R ₄ @ Meas. Temp.	8 @ 66°F
Source R ₁ R ₂ R ₃ R ₄	M
R ₁ @ BHT	.08 @ 156°F
Time Since Circ. 9 HOURS	
Max. Rec. Temp. 156	
Equip. Location 2524 ART.	
Recorded By WEHOLAND	
Witnessed By FOSTER	



MLL

