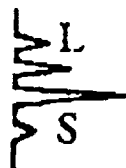


APR-27-94 WED 6:11 Laboratory Services

P.02



Laboratory Services, Inc.

1331 Tasker Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

WATER ANALYSIS

COMPANY	Enron Oil & Gas Company	
SAMPLE	Diamond 7 Fed. #4	
SAMPLED BY	Leonard Abney-Pro Well Testing & Wireline	
DATE TAKEN	04-26-94	
REMARKS	1424 Bbl Recovered Separator Temp. - 116°	
Barium as Ba	0.00	
Carbonate alkalinity PPM	0.00	
Bicarbonate alkalinity PPM	660.00	
pH at Lab	6.94	
Specific Gravity @ 60° F	1.045	
Magnesium as Mg	4.582	
Total Hardness as CaCO ₃	7.900	
Chlorides as Cl	45.890	
Sulfate as SO ₄	875.00	
Iron as Fe	40.00	
Potassium	35.63	
Hydrogen Sulfide	0.00	
Resistivity Ohms	0.1500	25.3° C
Total Dissolved Solids	68.250	
Carbonate as CO ₃ Gm/L	7.70	
Calcium as Ca	3.318	
Nitrate	0.00	
Results reported as Parts per Million unless stated		
Langelier Saturation Index	+1.23	

Analysis by Rolland Perry
Date: 04-26-94

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OFFICE**

**Laboratory Services, Inc.**1331 Tasker Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

ASTM DistillationEnron Oil & Gas Company
Attention: Mr. Rick Schotz
P. O. Box 3229
Carlsbad, New Mexico 88220

26-Apr-94

Diamond 7 Fed. #4

Percent Distilled Temperature

IBP	97
5	128
10	203
20	262
30	320
40	411
50	496
60	594
70	672
80	694
90	707
95 EP	710

% Recovered =	95.0
% Residue =	3.0
% Loss =	2.

API Gravity @ 60° F = 42.70

Rolland Perry

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Laboratory Services, Inc.

1331 Tasker Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: Zaron Oil & Gas Company
Attention: Mr. Rick Schotz
P. O. Box 3229
Carlsbad, New Mexico 88220

SAMPLE
IDENTIFICATION: Diamond 7 Fed. #4
COMPANY: Zaron Oil & Gas Co.
LEASE:
PLANT:

SAMPLE DATA:	DATE SAMPLED:	04-26-94	GAS (XX)	LIQUID ()
	ANALYSIS DATE:	04-26-94	SAMPLED BY:	Leonard Abney-Pro Well
	PRESSURE - PSIG	345.00	ANALYSIS BY:	Vickie Walker
	SAMPLE TEMP. °F	116.00		
	ATMOS. TEMP. °F			

REMARKS:

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM	
Hydrogen Sulfide (H2S)			
Nitrogen (N2)	1.25		
Carbon Dioxide (CO2)	0.14		
Methane (C1)	75.95		
Ethane (C2)	12.89	3.439	
Propane (C3)	6.08	1.670	
I-Butane (IC4)	0.62	0.202	
N-Butane (NC4)	1.63	0.513	
I-Pentane (IC5)	0.33	0.119	
N-Pentane (NC5)	0.37	0.133	
Hexane Plus (C6)	0.74	0.303	
	100.00	6.379	
BTU/CU.FT. - DRY	1284	MOLECULAR WT.	21.5972
AT 14.650 DRY	1281		
AT 14.650 WET	1258	28# GASOLINE -	0.726
AT 15.025 DRY	1313		
AT 15.025 WET	1290		
AT 14.73 WET			
SPECIFIC GRAVITY -			
CALCULATED	0.746		
MEASURED			

Oil grav. 42.7 @ 60°

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