

FEB-22-94 TUE 14:11

MERIDIAN OIL

FAX NO. 15057463663

P.01

Uniochem International

707 North Leech

P.O.Box 1499

Hobbs, New Mexico 88240

Company : Meridian Oil Inc.
 Date :
 Location: Little Jack Federal # 1
 Bone Spring Formation

Specific Gravity:	Sample 1
Total Dissolved Solids:	1.122
pH:	170437
IONIC STRENGTH:	6.70
	3.318

CATIONS:

		me/liter	mg/liter
Calcium	(Ca ⁺²)	372	7440
Magnesium	(Mg ⁺²)	268	3260
Sodium	(Na ⁺¹)	2340	53700
Iron (total)	(Fe ⁺²)	1.58	44.2
Barium	(Ba ⁺²)	0.015	1.00

ANIONS:

Bicarbonate	(HCO ₃ ⁻¹)	2.00	122
Carbonate	(CO ₃ ⁻²)	0	0
Hydroxide	(OH ⁻¹)	0	0
Sulfate	(SO ₄ ⁻²)	40.1	1930
Chloride	(Cl ⁻¹)	2930	104000

DISSOLVED GASES

Carbon Dioxide	(CO ₂)	160
Hydrogen Sulfide	(H ₂ S)	0

SCALING INDEX (positive value indicates scale)

Temperature	Calcium	Calcium
86°F	Carbonate	Sulfate
30°C	0.45	6.5