

P. O. BOX 1468
MONAHANS, TEXAS 79756
EH 943-3234 OR 563-1040

Martin Water Laboratories, Inc.

709 W. INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4521

RESULT OF WATER ANALYSES

TO: Mr. Mark Philpy
P.O. Box 10708, Midland, TX 79702

LABORATORY NO. 398128
SAMPLE RECEIVED 3-12-98
RESULTS REPORTED 3-16-98

COMPANY Limark Corp. LEASE Federal 27 #1

FIELD OR POOL Wildcat

SECTION _____ BLOCK _____ SURVEY _____ COUNTY Sandoval STATE NM

SOURCE OF SAMPLE AND DATE TAKEN: J-27-20N-04W

NO. 1 Recovered water - taken from Federal 27 #1. 3-10-98

NO. 2

NO. 3

NO. 4

REMARKS: _____ Entrada

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0109			
pH When Sampled				
pH When Received	7.37			
Bicarbonate as HCO ₃	415			
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	330			
Calcium as Ca	120			
Magnesium as Mg	7			
Sodium and/or Potassium	2,792			
Sulfate as SO ₄	4,826			
Chloride as Cl	739			
Iron as Fe	27.5			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	8,899			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0			
Resistivity, ohms/in at 77° F.	0.900			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The above results reveal a slight decline in the calcium and sodium chloride levels of this water as compared to that recovered 2-7-98 and reported on laboratory #29853. However, the water still has basically the same characteristics as encountered previously. We do note a significantly lower iron content at this time.

Form No 3

By Waylan C. Martin, M.A.

709 W. INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4521

Waylan C. Martin, M.A.

P. O. BOX 1488
MONAHANS, TEXAS 79756
PH. 943-3234 OR 563-1040

Martin Water Laboratories, Inc.

709 W. INDIANA
MIDLAND, TEXAS 79701
PHONE 683-4521

RESULT OF WATER ANALYSES

TO: Mr. Mark Philpy
P.O. Box 10708, Midland, TX 79702

LABORATORY NO. 398126
SAMPLE RECEIVED 3-12-98
RESULTS REPORTED 3-16-98

COMPANY Limark Corp. LEASE _____

FIELD OR POOL _____

SECTION _____ BLOCK _____ SURVEY _____ COUNTY Sandoval STATE NM

SOURCE OF SAMPLE AND DATE TAKEN: _____ / _____

NO. 1 Spring water. 3-10-98 Location Not Noted 0 milk

NO. 2 _____

NO. 3

NO. 4

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0010			
pH When Sampled				
pH When Received	7.77			
Bicarbonate as HCO ₃	137			
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	60			
Calcium as Ca	21			
Magnesium as Mg	2			
Sodium and/or Potassium	39			
Sulfate as SO ₄	26			
Chloride as Cl	4			
Iron as Fe	17.2			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	229			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	44.72			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The undersigned certifies the above to be true and correct to the best of his knowledge and belief.

STATE OF
NEW MEXICO
OIL
CONSERVATION
DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone ☐ Personal

Time 4:00 pm
10:30 am

Date 4/28/98 & 4/30/98

Originating Party

Other Parties

Duncan Kennedy For Limark Corp

Martyn Kichy

Pl# 915-686-0204

Subject

Evaporation / Disposal Pond

~~May Need 711 permit~~ / Exempt See 711 Rule A.3a

Discussion

to Dispose of Max 2000 Bbl / day From one well

From an Entrada oil well Federal 27 #1

Location 1395' S, 1575 E, Section 27, T20 N, R. 4 W

See Attached Map.

Recommendations

1. Call District office Aztec To Notify of Plans

2. Not in Vunerble Area But May need liner & other Requirements As Per
OCD District office & BLM

3 - Contact BLM will need to supply them with Info

4. Exempt From 711 permit. one well

Conclusions or Agreements

Supplied Duncan with Aztec Phone #

And Strongly Recommended that they contact BLM

RECEIVED
MAY - 1 1998
OIL CON. DIV.
MAY 2

Distribution

☒ Aztec Dist. office

Signed

Martyn J. Kichy



