

File Case 0009

Ultramar

Ultramar Oil and Gas Limited
200 North Loraine St., Suite 1510
Midland, Texas 79701
915 687 0471

March 4, 1985



Bureau of Land Management
Roswell Resource Area
P.O. Drawer 1857
Roswell, NM 88201

Re: Application for Approval of
Water Disposal Method
Phillips Federal Well No. 1
1850' FSL & 660' FEL,
Sec. 18, T-8-S, R-33-E,
Chaves County, New Mexico
NM 0174830

Gentlemen:

Ultramar Oil and Gas Limited requests approval to dispose of produced water from the subject well into the Rice Engineering Corporation's Tobac SWD System, Chaves County, New Mexico. The Rice Engineering Corporation Tobac SWD System is a New Mexico Oil Conservation Division approved sub-surface produced water disposal system (OCD Order No. R-3654). Water disposal will be into Tobac SWD Well No. G16, on State of New Mexico acreage, located 1989' FNL and 1997' FEL of Section 16, T-8-S, R-33-E, Chaves County, New Mexico.

Produced water from the subject well is anticipated to be approximately 100 BWPD and is from the Tobac (Penn) Field pay interval 8,960' to 8,970'. An analysis of the water is attached. Rice Engineering has a gathering line approximately 200' north of the Phillips Federal Well No. 1 and has agreed to lay a line to connect Ultramar's well into their system. Disposal of produced water into the Rice Engineering system is much more cost effective than the alternate method of trucking produced water to a disposal well.

Rice Engineering will lay and bury 2" PVC line from their east-west line to Ultramar's tank battery connection point. The proposed SWD line



A Member of the Ultramar Group of Companies

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will be in an area that has already been disturbed by an existing water line and a gas line. The surface is privately owned by T.E., P.T. and H.H. Davis, and the mineral owner is the U.S. Government. Ultramar's application for permit to drill the subject well and the surface use plan were approved by the BLM on August 26, 1985.

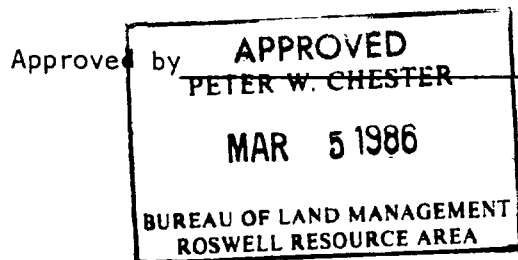
Please advise if something further is required. The original of this letter plus four copies are being sent with space provided for BLM approval.

Yours very truly,

Gary Hall

Gary Hall
District Engineer

GRH/cs
Attachment



*condition of approval:
A Right of Way is
needed for that part
of the 2" PCV pipeline
off lease NM-0174830.*

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HALLIBURTON DIVISION LABORATORY

HALLIBURTON SERVICES

MIDLAND DIVISION

HOBBS, NEW MEXICO 88240

LABORATORY WATER ANALYSIS

No. W85-641

To Ultramar Oil & Gas LimitedDate 11-22-85700 N. Loraine

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Suite 1510

NOV 25 1985

Midland, Tx 79701ULTRAMAR OIL & GAS LTD.
MIDLAND

Submitted by _____ Date Rec. _____

Well No. Phillips Fed. #1 Depth 8960-8970 Formation Bough "C"County Chaves, NM Field Tobac (Penn) Source Bough "C"

Resistivity	<u>0.081 @ 75°F</u>	
Specific Gravity	<u>1.077 @ 60 °F</u>	
pH	<u>6.4</u>	✓
Calcium (Ca)	<u>6500</u>	*MPL
Magnesium (Mg)	<u>3600</u>	
Chlorides (Cl)	<u>65,000</u>	
Sulfates (SO ₄)	<u>light</u>	
Bicarbonates (HCO ₃)	<u>360</u>	
Soluble Iron (Fe)	<u>mod</u>	
API Gravity	<u>44.5 @ 60°F</u>	

Remarks:

*Milligrams per liter

Respectfully submitted,

Analyst: Lee Hisey

HALLIBURTON COMPANY

cc:

By


CHEMIST

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