



STATE OF NEW MEXICO



ENERGY, MINERALS and NATURAL RESOURCES DIVISION
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

June 7, 1994

MR DAVID CATANACH
NMOCD
PO BOX 2088
SANTA FE NM 87504-2088

RE: Mobil Prod. Tex & NM Inc.
Lindrith B Unit #25 O-09-24N-03W

Dear David;

A Cement Bond Log ran on the referenced well on June 2, 1994 indicated good to excellent bonding from approximately 500' above, to at least 1000' below the proposed injection zones. An OCD witnessed mechanical integrity test conducted on June 6, 1994 passed.

The Geology of this area is such that no potential hydrocarbon bearing, or fresh water zones would be endangered, even if the well should develop mechanical problems. The Ojo Alamo and all other fresh water sands are behind the intermediate casing. A cast iron bridge plug was set at 4222' with 30' of cement dumped on top. I recommend that the request to ammend SWD Order-355 to dispose of produced water into casing leaks between 3640-3700' and 3755-3938' be approved with a surface pressure limitation of no more than 728 PSI.

Yours truly

Charles Gholson
Deputy Oil & Gas Inspector

CG/cs

xc: Well File
UIC file

Mobil Exploration & Producing U.S. Inc.

April 7, 1994

State of New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
Mr. David Catanach
310 Old Santa Fe Trail
Santa Fe, New Mexico 87504

HOUSTON DIVISION
12450 GREENSPPOINT DRIVE
HOUSTON, TEXAS 77060-1991

Amendment of Disposal Permit
Lindrith "B" Unit Well No. 25
Rio Arriba County, New Mexico

0-9-240-300

RECEIVED
APR 13 1994
OIL CON. DIV.
DIST. 3

Dear Mr Catanach:

This letter is a follow-up to a conversation held today between David Howell, Mobil Staff Operation Engineer and Charles Gholson of the Aztec District Office regarding the Lindrith B-25 water disposal well modification application.

Mobil plans to adequately plug back the well to +/- 4250 and isolate the proposed disposal zone according to New Mexico regulations using standard methodology. In my cover letter for the permit modification application dated April 7, 1994, it may be unclear that Mobil intends to plug back the well to isolate the proposed disposal interval, NOT temporarily abandon the currently permitted deeper disposal zone.

We also plan to insure there is adequate cement above the proposed disposal zone. An existing temperature survey shows cement up to approximately 50 feet below surface. We plan to run a cement bond log from base surface casing to 3600 feet to insure protection of productive zones and water supply zones above the injection interval. As stated in previous correspondence, a packer will be set immediately above the top of the injection interval.

If you have any questions regarding our proposed plans to modify the Lindrith B-25 (Order no SWD-355) disposal well, please feel free to call David Howell at (915) 688-2525 or me at (713) 775-2291.

Sincerely,


Kristi L. Soderman
Sr. Environmental Engineer

cc: Aztec District Office
1000 Rio Brazos Road
Aztec NM 87410

Mobil Exploration & Producing U.S. Inc.

April 28, 1994

HOUSTON DIVISION
12450 GREENSPPOINT DRIVE
HOUSTON, TEXAS 77060-1991

State of New Mexico
Energy Minerals and Natural Resources Dept.
Oil Conservation Division
Mr. David Catanach
310 Old Sante Fe Trail
Sante Fe, New Mexico 87504

Disposal Permit Modification
Lindrith "B" Unit #25

O-9-24N-3W

Dear Mr. Catanach:

This letter is to confirm a conversation between Mr. Ernie Bush of New Mexico Oil and Gas Conservation Commission, Aztec District Office and Mobil. On Tuesday, April 26, 1994, Mr. Bush, J. Faz, and K. Soderman, discussed the geology of the Lindrith B-25. Mr. Bush also confirmed that there was no Chacra production within a two mile radius of the well.

Mobil has requested an injection interval of 3600 - 4200 feet. Mr. Bush and Mr. Faz agreed that for the Lindrith B-25, the Huerfanito Bentonite was located at 3450 feet. The Chacra is found at 3950 feet and the Lower Lewis Shale is located at 4080 feet. Using this information, our injection will be limited to the Lewis Shale and Chacra.

Mr. Bush indicated that he would call and inform you of our discussion. Please call me at (713) 775-2291 if you require any further documentation or have questions regarding this information.

Sincerely,


K. L. Soderman
Sr. Environmental Engineer

RECEIVED
APR 29 1994

OIL CON. DIV.
DIST. 3

cc: Aztec District Office
1000 Rio Brazos Road
Aztec, New Mexico 87410

1. The first part of the paper is devoted to a discussion of the general principles of the theory of the structure of the atom.

2. The second part of the paper is devoted to a discussion of the general principles of the theory of the structure of the atom.

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1808 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

MECHANICAL INTEGRITY TEST REPORT
(TA or UIC)

Date of Test 6-6-94 Operator Mobil Oil Co

Lease Name Lindreth B Well # 25 Location: Unit 0 Sec 9 Twn 24N Rge 3W

Land Type: State
Federal
Private X
Indian

Well Type: Water Injection
Salt Water Disposal X
Gas Injection
Producing Oil/Gas
Pressure Observation

Temporarily Abandoned Well (Y/N): TA Expires:

Casing Pres. 0 Tbg. SI Pres. 195 Max. Inj. Pres. 728
Bradenhead Pres. 0 Tbg. Inj. Pres.
Tubing Pres. 195
Int. Casing Pres. 0

Pressured annulus up to 380 psi. for 15 mins. Test passed/failed.

REMARKS:

Tbg-csg annulus lost 20 PSI in 15 min. Tbg pressure held steady at 195 PSI

RECEIVED
JUN - 6 1994

OIL CON. DIV.
DIST. 3

By Kirk Bennett
(Operator Representative)
Production Foreman
(Position)

Witness Johnny Robinson
(NMOCD)

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JAN 10 1964
U.S. DEPARTMENT OF
COMMERCE
WASHINGTON, D.C.