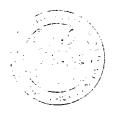
STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING GOVERNOR

ANITA LOCKWOOD CABINET SECRETARY

MEMORANDUM

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

TO:

Ernie Busch

FROM:

Michael E. Stogner

DATE:

July 30, 1992

SUBJECT:

Application of Mobil Exploration and Production U.S., Inc. to contract he boundaries of the Gavilan-Mancos Oil Pool, the Lindrith Gallup Pool and the Lindrith Dakota Pool and to extend the boundary of the West Lindrith Gallup-Dakota Oil Pool, in a portion of Township 24 North, Range 2 West,

NMPM, Rio Arriba County, New Mexico.

Enclosed is an application filed by Mobil's legal representative for the subject matter. I have deferred this request for hearing at this time in lieu of the regular nomenclature procedure.

I have informed Mobil of this decision by letter dated July 30, 1992 (copy attached).

Contact me should you have any questions.

Thanks.

Mobil

JORGE J. FAZ Senior Production Geologist

MOBIL EXPLORATION & PRODUCING U.S. INC. P.O. Box 633 Midland, Texas 79702-0633 915/688-2264

500 W. Illinois Room 548 Midland, Texas 79701 Fax: (915) 688-2157

MONTGOMERY & ANDREWS

PROFESSIONAL ASSOCIATION ATTORNEYS AND COUNSELORS AT LAW

POST OFFICE BOX 2307 SANTA FE, NEW MEXICO 87504-2307 Santa Fe, New Mexico 87501 Telephone (505) 982-3873

Telecopy (505) 982-4289

325 Paseo de Peralta

J. O. Seth (1883-1963) A. K. Montgomery (1903-1987) Frank Andrews (1914-1981)

OF COUNSEL

William R. Federici

Victor R. Ortega Jeffrey R. Brannen John B. Pound Bill Chappell, Jr. Richard K. Barlow Gary Kilpatric Thomas W. Olson Walter J. Melendres Bruce Herr Robert P. Worcester John B. Draper Nancy Anderson King Janet McL. McKay Joseph E. Earnest Sarah M. Singleton John D. Phillips Stephen S. Hamilton Katherine W. Hall Galen M. Buller

Edmund H Kendrick Gary P. Kaplan Deborah A. Peacock Suzanne B. Kinney Charles A. Seibert III Paula G. Maynes Rod D. Baker R. Michael Shickich Dennis F. Armijo Louis W. Rose Janet W. Cordova Martin R. Esquivel Scott K. Atkinson Laura A. Ward Jeffrey D. Myers Thomas A. Clayton Dana L. Cox George T Geran

July 28, 1992

HAND DELIVERED

ALBUQUERQUE OFFICE Suite 1300 Albuquerque Plaza 201 Third Street, N.W. Post Office Box 26927 Albuquerque, New Mexico 87125-6927

> Telephone (505) 242-9677 Telecopy (505) 243-2542 or (505) 243-4397

RECEIVED

JUL 2 1 1992

OIL CONSERVATION DIVISION

COUNSEL Robert J. Downing

Florene Davidson New Mexico Oil Conservation Division State Land Office Building 310 Old Santa Fe Trail Santa Fe, New Mexico 87501

> Application on Behalf of Mobil Exploration and Producing U.S., Inc. as Agent for Mobil

Producing Texas and New Mexico, Inc.

Dear Florene:

Enclosed please find the original and three copies of Mobil's Application to the Division which it would like to have heard at the August 20 hearing. I understand that the Division will prepare the notice for newspaper publication. If anything further is required in order to have this set for the August 20 docket, and to have the publication of notice completed in a timely fashion, please call me at your earliest convenience.

Thank you for your assistance.

Very truly yours,

Gary Kilpatric

GK: ju Enclosures #9781-92-04

STATE OF NEW MEXICO ENERGY, MINERALS, NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

In the Matter of the Hearing Called by the Oil Conservation Division for the Purpose of Considering the Application of Mobil Exploration Company to Contract the Boundaries of the Gavilan-Mancos Pool, the Lindrith-Gallup Gas Pool and the Lindrith-Dakota Pool, and to Extend the Boundaries of the West Lindrith Gallup-Dakota Oil Pool, Rio Arriba County, New Mexico.

RECEIVED

JUL 2 E 1992

OIL CONSERVATION DIVISION

	No.	Case
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APPLICATION

COMES NOW, the Applicant, Mobil Exploration and Producing U.S., Inc. as agent for Mobil Producing Texas and New Mexico, Inc. ("Mobil"), by and through its attorneys, Montgomery & Andrews, P.A., and requests that the Division contract the boundaries of the Gavilan-Mancos Pool, the Lindrith-Gallup Gas Pool and the Lindrith-Dakota Pool, and to extend the boundaries of the West Lindrith Gallup-Dakota Oil Pool in Rio Arriba County, New Mexico. In support of this Application, Mobil states:

- Applicant is an interest owner in the West Lindrith Gallup-Dakota Oil Pool ("WLGDOP"), portions of which are located in Township 24 North, Range 3 West, N.M.P.M., Rio Arriba County, and Applicant owns an interest in portions of Sections 6, 7, 8, 16, 17, 18, 20, 21, and 22 of Township 24 North, Range 2 West, N.M.P.M., Rio Arriba County, which lands are not presently included within the boundaries of the WLGDOP.
- 2. Applicant believes that the Gallup-Dakota formation underlying Sections 6, 7, 8, 16, 17, 18, 20, and 21, and the W/2 of 22 of Township 24 North, Range 2 West correlate with the Gallup-Dakota horizon included within the WLGDOP in the adjoining township.

- 3. Currently the E/2 of Section 6 and the E/2 of Section 8 of Township 24 North, Range 2 West are within the boundary of the Gavilan-Mancos Pool.
- 4. Currently Sections 20 and 21 of Township 24 North, Range 2 West, are each located in the Lindrith-Dakota Pool and the Lindrith-Gallup Gas Pool.
- 5. Applicant believes based on its study of relevant petroleum geology and engineering that the Gallup-Dakota zone underlying all of Sections 6, 7, 8, 16, 17, 18, 20, and 21, and the W/2 of Section 22 are part of the geological interval and are correlative with the WLGDOP, and should be included within that pool's boundaries and should be subject to rules applicable to that pool.
- 6. The Mobil Miller Com. Well, located in Section 17, Township 24 North, Range 2 West, N.M.P.M., was drilled pursuant to statewide rules and regulations and Mobil Well No. B-84, located in Section 16, Township 24 North, Range 2 West, N.M.P.M. was drilled pursuant to the Lindrith Dakota Pool rules and regulations. Both of these wells would be unorthodox under WLGDOP Rules, and should be granted authorization for an unorthodox well location, pursuant to Paragraph (3) of the WLGDOP Rules.
- 7. Granting this Application will avoid unnecessary and unreasonable hardship to operators within the aforesaid pools and will prevent waste and will protect correlative rights of interest owners in these lands.

WHEREFORE, Mobil Exploration Company requests that this Application be set for hearing before the duly appointed Hearing Examiner of the Oil Conservation Division on August 20, 1992, and after notice and hearing as required by law, the Division enter its order contracting the boundary of the Gavilan-Mancos Pool by deleting the E/2 of Section 6, and the E/2 of Section 8, Township 24 North, Range 2 West, N.M.P.M., contracting the boundaries of both the Lindrith-Gallup Gas Pool and the Lindrith-Dakota Pool by deleting all of Sections 20 and 21, Township 24 North, Range 2 West, N.M.P.M., expanding the boundaries of the West Lindrith Gallup-Dakota Oil Pool to include all of Sections 6, 7, 8, 16, 17, 18, 20, 21, and the W/2 of Section 22 of Township 24 North, Range 2 West, Rio Arriba County, New Mexico, and granting

authorization for unorthodox well locations for previously drilled wells.

Respectfully submitted,

MONTGOMERY & ANDREWS, P.A.

Ву

Gary Kilpatric
Post office Box 2307
Santa Fe, New Mexico 87504
(505) 982-3873

Attorneys for Mobil Exploration and Producing U.S. Inc. as Agent for Mobil Producing Texas and New Mexico, Inc.

STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING GOVERNOR

ANITA LOCKWOOD CABINET SECRETARY

July 30, 1992

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 875D4 (505) 827-5800

Mobil Exploration and Production U.S., Inc. c/o Montgomery and Andrews, P.A. P.O. Box 2307
Santa Fe. NM 87504-2307

Attention: Gary Kilpatric

RE: Application to contract the boundaries of the Gavilan-Mancos Oil Pool, the Lindrith Gallup

Pool and the Lindrith Dakota Pool and to extend the boundary of the West Lindrith Gallup-Dakota Oil Pool, in a portion of Township 24 North, Range 2 West, NMPM, Rio Arriba

County, New Mexico.

Dear Mr. Kilpatric:

In reviewing your application for hearing dated July 28, 1992 on the subject matter, it appears that your request could best be administered through the Aztec District Office's recommendation procedure under General Rule No. 5. This procedure will alleviate the need for Mobil to travel to Santa Fe and incur those expenses required in appearing at a hearing.

Please contact Ernie Busch in the Aztec office concerning the information needed so that these changes can be included in the next regular Northwest New Mexico nomenclature case.

Should you have any questions, please contact Mr. Busch's phone number (505) 334-6178.

Sincerely,

Michael E. Stogner

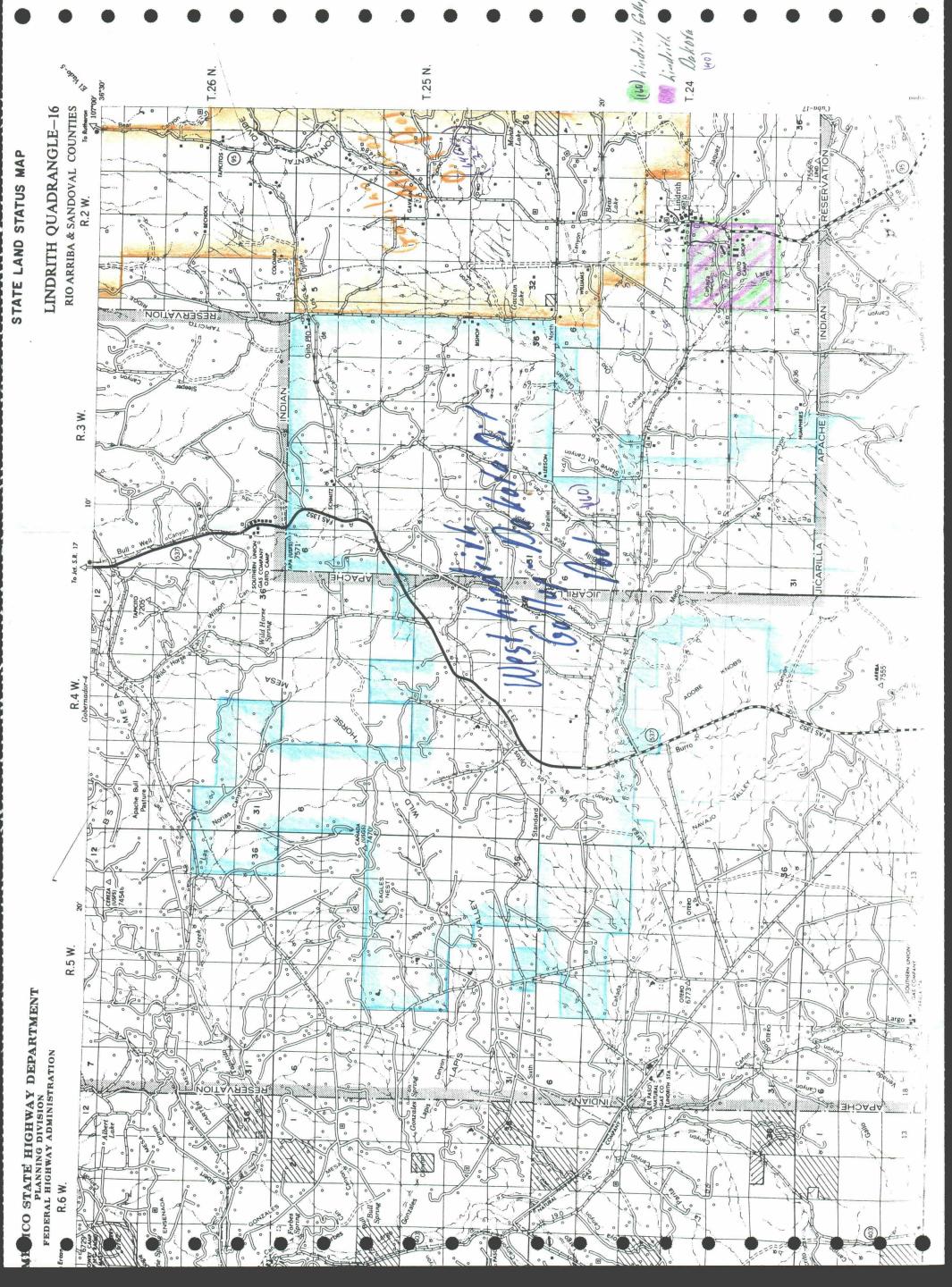
Chief Hearing Officer/Engineer

MES/amg

cc: Oil Conservation Division - Aztec

Frank Chaves Ernie Busch

Oil Conservation Division - William J. LeMay



STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING GOVERNOR

ANITA LOCKWOOD CABINET SECRETARY

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE. NEW MEXICO 87504 (505) 827-5800

MEMORANDUM

TO:

Ernie Busch

FROM:

Michael E. Stogner

DATE:

July 1, 1992

SUBJECT:

Mobil Exploration & Production U.S. Inc. drilling permit

amendment for its Miller Com Well No. 1; G-17-T24N-R2W,

Rio Arriba County, New Mexico.

Per our telephone conversation today concerning the attached Mobil request, perhaps this matter can best be handled at the District level without Santa Fe's involvement. I think it would be prudent however to include any changes Aztec recommends on the next nomenclature case and to submit such matter as quickly as possible so as to alleviate the resulting contradiction in data between our two offices.

cc - William J. LeMay

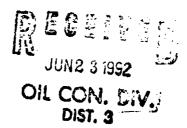
M bil Exploration & Producing U.S. Inc.

PIO : 0X 630 INDLAND TEYAS 19702 1603

June 22, 1992

State of New Mexico Energy and Minerals Department Oil Conservation Division State Land Office Building P.O. Box 2088 Santa Fe, New Mexico 87504

Attention: Mr. William J. Lemay



DRILLING PERMIT AMENDMENT
MILLER COM LEASE
WELL NO. 1
LINDRITH, WEST (GALLUP-DAKOYA) FIELD
RIO ARRIBA COUNTY, NEW MEXICO

Gentlemen:

Mobil Exploration & Producing U.S. Inc. (MEPUS), as Agent for Mobil Producing Texas & New Mexico Inc., respectfully requests that the permit for the subject well be amended to place the well in the Lindrith, West (Gallup-Dakota) field as an extension of that pool. After talking with Ernie Busch of the Aztec NMOCD, we are in agreement that the well was erroneously permitted in the and should be placed in the to attain its rightful allowable.

The subject well was moved from its original location at 1850' from the North and 1850' from the East lines of Section 17 due to the location's proximity to the Jerome P. McHugh well, Di's Delight in the Blanco Pictured Cliffs gas pool. Nobil is the only offset operator for the Dakota formation surrounding the 160 Acre proration unit for the subject well.

The following items are being submitted, in triplicate, in support of this request:

- 1. Form C-101 Application for Permit to Orill, Deepen or Plug Back;
- 2. Form C-102 Well location and acreage dedication plat;
- 3. Area Vicinity Map;
- 4. Sundry Notice Requesting the Field Change.

State of New Mexico Permit Amendment Miller Com #1

- 2 -

June 22. 19921

If further information is needed to process this request, please call Ann Moore at (915) 688-1772.

Yours very truly,

C.a. moore

AN D. P. Klancher Environmental & Regulatory/ LP Supervisor

> Mobil Exploration & Producing U.S. Inc. as Agent for Mobil Producing Texas & New Mexico Inc.

CAMoore

attachments

ce: Oil Conservation Division - Aztec

A: M103228. CAM

NEW MEXICO OIL CONSERVATION COMMISSION WELL ' "CATION AND ACREAGE DEDICATION "LAT

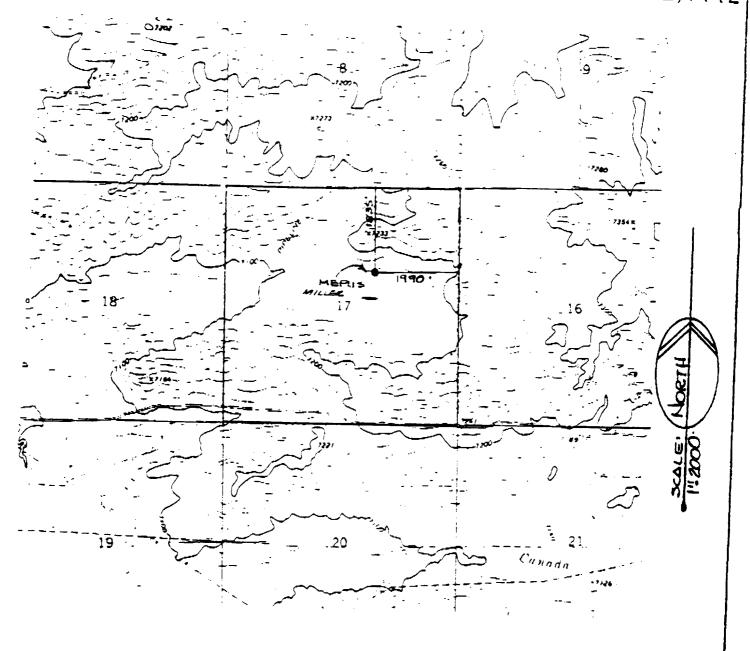
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VICINITY MAP

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DATE: MARCH 2, 1992



SCALE: 1" - 2000

DATE: MARCH 2, 1992

SAN JUAN ENGINEERS

Submit 3 Copies to Appropriate

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

F. 8

OIL CONSERVATION DIVISION P.O. Box 1980, Hobbs, NM \$8240 P.O. Box 2088	WELL API NO.	
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7163 SIZE OF HOLE 77 1/2 1 3 3/4 IMANT PROGRAM (1) 550 sxs. (2) Lead 1000 Tail 250 Tail 100 PERF AND FRAC TYPICAL LOP Maximum surface	PF SIZE OF CASING 13 3/8 5 1/2 5 1/2 1 Class "G" 2% CI SIXS 65:35:6 + SIXS Class "G" SIXS Class "G" IN DAKOTA ZONE Ce pressure will	ROPOSED CASING AND Blanket ROPOSED CASING AND WEIGHT PER FOOT 48# 15.5# 15.5# ACI2 + .25#/SK D-2 celloflake + .3 GPS latex 6% celloflake Near	Unknown D CEMENT PROG SETTING DEPTH 450 3300 7916	SRAM SACKS OF 0 500 1250 1350	Approx Date Work will start April 15, 1992 CEMENT: EST. TOP Surface: 3300 Surface	
7163 SKE OF HOLE 17 1/2 11 3 3/4 IMANT PROGRAM (1) 550 SXS. (2) Lead 1000 Tail 250 Tail 100 PERF AND FRAC TYPICAL LOP Maximum Surface	PF SIZE OF CASING 13 3/8 5 1/2 5 1/2 1 Class "G" 2% CI SIXS 65:35:6 + SIXS Class "G" SIXS Class "G" IN DAKOTA ZONE Ce pressure will	ROPOSED CASING AND Blanket ROPOSED CASING AND WEIGHT PER FOOT 48# 15.5# 15.5# ACI2 + .25#/SK D-2 celloflake + .3 GPS latex 6% celloflake Near	Unknown D CEMENT PROG SETTING DEPTH 450 3300 7916	SRAM SACKS OF 0 500 1250 1350	Approx Date Work will start April 15, 1992 CEMENT: EST. TOP Surface: 3300 Surface	
7163 SIZE OF HOLE 17 1/2 11 3 3/4 IMANT PROGRAM (1) 550 sxs. (2) Lead 1000 Tail 250 (3) Lead 1250 Tail 100 PERF AND FRAC TYPICAL LOP Maximum surface Surface casing	PF SZE OF CASING 13 3/8 5 1/2 5 1/2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	HAKind & Same Ping Boad Blanket ROPOSED CASING AND WEIGHT PER FOOT 48# 15.5# 15.5# ACL2 + .25#/SK D-2 celloflake + .8 GPS Latex 6% celloflake Near 1 be 1500 psi 1" 2,000 psi will	Unknown D CEMENT PROG SETTING DEPTH 450 3300 7916	SRAM SACKS OF 0 500 1250 1350	Approx Date Work will start April 15, 1992 CEMENT: EST. TOP Surface 3300	
7163 SIZE OF HOLE 17 1/2 11 3 3/4 IMANT PROGRAM (1) 550 sxs. (2) Lead 1000 Tail 250 Tail 100 PERF AND FRAC TYPICAL LOP Maximum surface will have a	PF SIZE OF CASING 13 3/8 5 1/2 5 1/2 5 1/2 1 Class "G" 2% CC SIXS 65:35:6 + SIXS CLASS "G" IN DAKOTA ZONE Re pressure will It a minimum 10 It minimum 2000	HA Kind & Same Ping Boad Blanket ROPOSED CASING AND WEIGHT PER FOOT 48# 15.5# 15.5# ACL2 + .25#/SK D-2 celloflake + .8 GPS Latex 6% celloflake Near Libe 1500 psi	Unknown D CEMENT PROG SETTING DEPTH 430 3300 7916	FRAM SACKS OF C 500 1250 1350 two hydrau	Approx Date Work will start April 15, 1992 CEMENT: EST. TOP Surface: 3300 Surface	
T163 SIZE OF HOLE 17 1/2 11 8 3/4 IMENT PROGRAM (1) 550 sxs. (2) Lead 1000 Tail 250 Tail 100 PERF AND FRAC TYPICAL LOP Maximum surface will have a	PF SIZE OF CASING 13 3/8 5 1/2 5 1/2 1 23 Class "G" 23 Class "G" 0 sxs 65:35:6 + 0 sxs Class "G" IN DAKOTA ZONE The pressure will in minimum 2000 con kelly valves	HAKind & Same Ping Boad Blanket ROPOSED CASING AND WEIGHT PER FOOT 48# 15.5# 15.5# ACL2 + .25#/SK D-2 celloflake + .8 GPS Latex 6% celloflake Near 1 be 1500 psi 1" 2,000 psi will	Unknown D CEMENT PROG SETTING DEPTH 430 3300 7916	FRAM SACKS OF C 500 1250 1350 two hydrau	Approx Date Work will start April 15, 1992 CEMENT: EST. TOP Surface: 3300 Surface	
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T163 SIZE OF HOLE 17 1/2 11 8 3/4 IMANT PROGRAM (1) 550 sxs. (2) Lead 1000 Tail 250 Tail 100 PERF AND FRAC TYPICAL LOP Maximum surface will have a Upper and lowe minimum 200 IN ABOVE SPACE DES	PF SIZE OF CASING 13 3/8 3 1/2 5 1/2 5 1/2 Class "G" 2% CI SIXS 65:35:6 + SIXS CLASS "G" IN DAKOTA ZONE Re pressure will minimum 2000; re kelly valves 00 psi. CRIEF PROPOSED PROG	ROPOSED CASING AND WEIGHT PER FOOT 48# 15.5# 15.5# ACL2 + .25#/SK D-2 celloflake + .3 GPS Latex 6% celloflake Near 1 be 1500 psi 1 2,000 psi will psi rating , fllor safety val	D CEMENT PROG SETTING DEPTH 450 3300 7916 29	SRAM SACKS OF C 1250 1250 1350 two hydrau string in	Approx Date Work will start April 15, 1992 CEMENT: EST. TOP Surface: 3300 Surface	
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CONDITIONS OF APPEDVAL, IF ANY:

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APPROVED BY



BRUCE KING





ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

ANITA LOCKWOOD CABINET SECRETARY

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

FAX TRANSMITTAL SHEET

DATE: 6-23-92
TO: MICHAEL STOCKER
FROM: ERNIE BUSCH
FAX: 505-334-6170
COMMENTS:
NUMBER OF PAGES INCLUDING COVER:

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