

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)
30-025-31319
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. V-2199

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>					
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>					
2. Name of Operator BTA Oil Producers					
3. Address of Operator 104 S. Pecos, Midland, TX 79701					
4. Well Location Unit Letter E : 1980 Feet From The North Line and 660 Feet From The West Line Section 2 Township 20-S Range 33-E NMPM Lea County					
10. Proposed Depth 9700		11. Formation Bone Spring		12. Rotary or C.T. Rotary	
13. Elevations (Show whether DF, RT, GR, etc.) 3581' GR		14. Kind & Status Plug. Bond Blanket		15. Drilling Contractor Peterson Drlg Co	
16. Approx. Date Work will start 8-1-91					
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26"	20"	106.5	1400	2100	Surface
17-1/2	13-3/8	61 & 68	3100	2200	Surface
11	8-5/8	24 & 32	5500	1800	2000
7-7/8	5-1/2	17	9700	1500	4000

BOP Sketch Attached

Potash area maps attached - Lessee of potash lease in Sec 2 - Mississippi Clenical Corp

\* Potash waivers are attached

No producing wells in this quarter-quarter section.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Dorothy Houghton TITLE Regulatory Administrator DATE 6-25-91

TYPE OR PRINT NAME Dorothy Houghton TELEPHONE NO. 915-682-375

(This space for State Use)

APPROVED BY JERRY SEXTON TITLE Assistant Secretary DATE

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

RECEIVED

JUL 01 1991

OFF  
HOLDS OFFICE

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

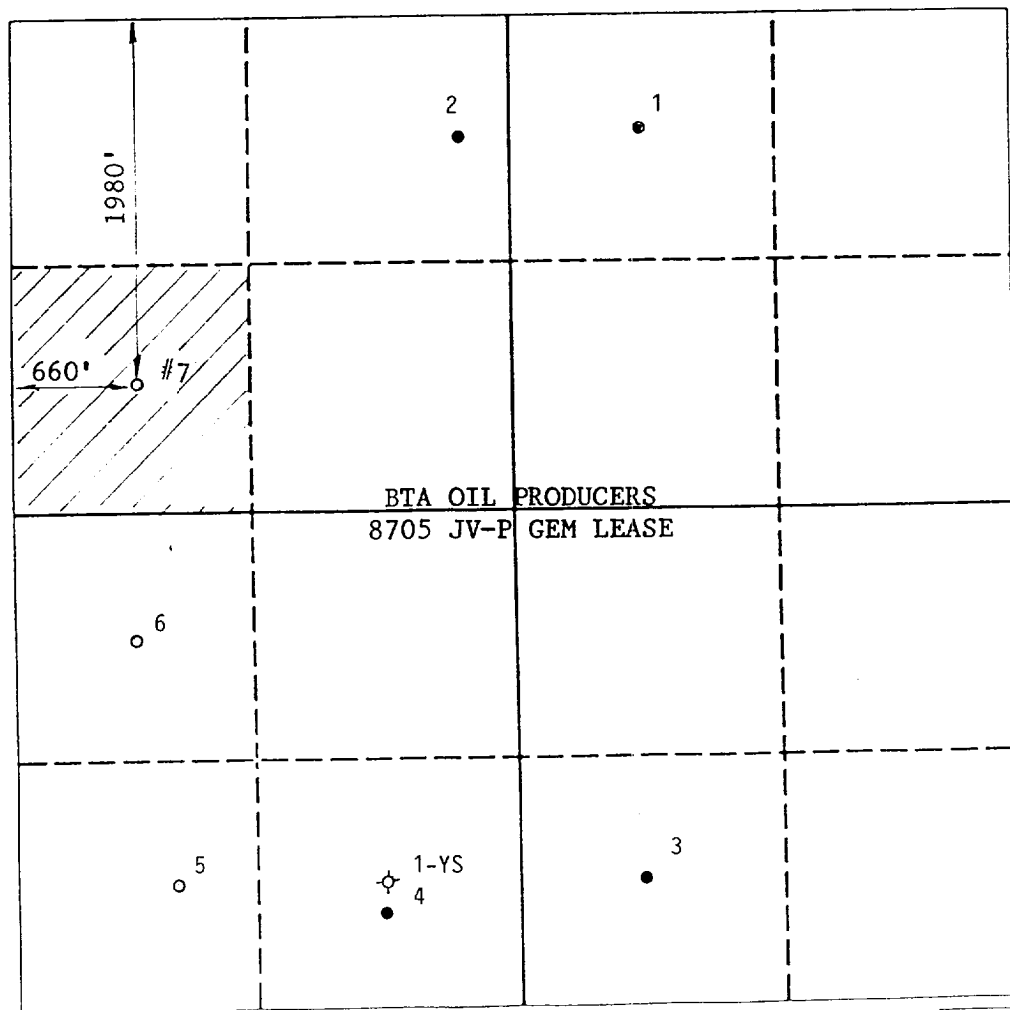
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator <b>BTA OIL PRODUCERS</b>			Lease <b>8705 JV-P GEM</b>		Well No. <b>7</b>
Unit Letter <b>"E"</b>	Section <b>2</b>	Township <b>-20-S</b>	Range <b>-33-E</b>	County <b>LEA</b>	<b>NMPM</b>
Actual Footage Location of Well: <b>1980</b> feet from the <b>NORTH</b> line and <b>660</b> feet from the <b>WEST</b> line					
Ground level Elev. <b>3581</b>	Producing Formation <b>BONE SPRING</b>		Pool <b>TEAS</b>	Dedicated Acreage: <b>40</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_  
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary). \_\_\_\_\_  
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature  
*Dorothy Houghton*  
Printed Name  
**Dorothy Houghton**  
Position  
**Regulatory Administrator**  
Company  
**BTA Oil Producers**  
Date  
**6-25-91**

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**JUNE 20, 1991**  
Signature & Seal of Professional Surveyor  
*Max A. Schumann, Jr.*  
**MAX A. SCHUMANN, JR.**  
Certificate No.  
**1510**

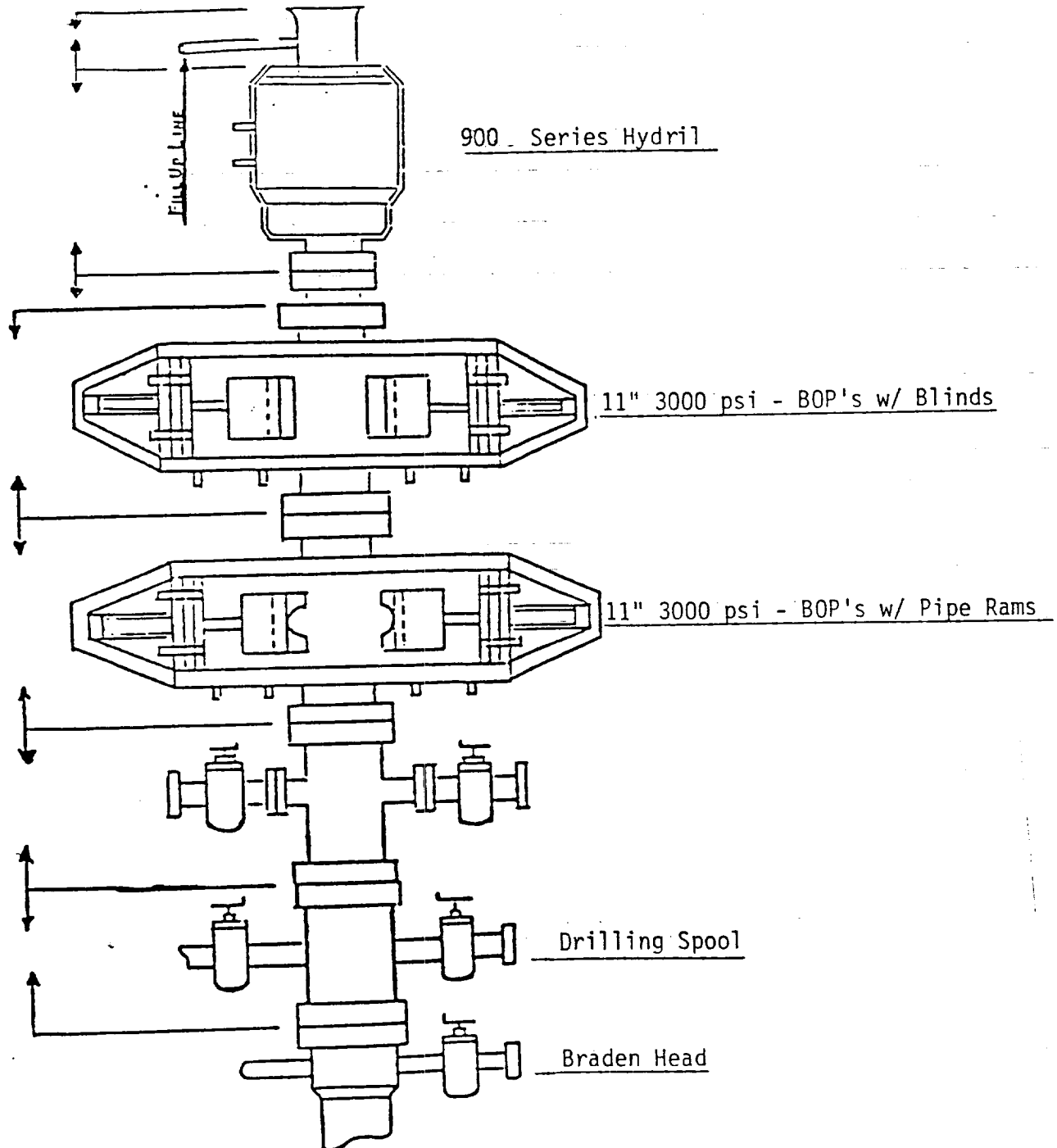
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JUL 01 1991

U.S. DEPARTMENT OF  
ENERGY

B T A O I L P R O D U C E R S

Driller's Zero 1 ft Above Rotary Table



8705 JV-P Gem #7  
Sec 2, T20S, R33E  
Lea Co., N.M.





MIDLAND PARTNERS  
CARLTON BEAL  
CARLTON BEAL, JR.  
BARRY BEAL  
SPENCER BEAL  
KELLY BEAL

BTA OIL PRODUCERS  
104 SOUTH PECOS  
MIDLAND, TEXAS 79701  
AC 915-682-3753

ROCKY MOUNTAIN DIVISION  
555-17TH STREET  
SUITE 835  
DENVER, CO 80202  
AC 303-292-9299

DENVER PARTNER  
BARRY BEAL, JR.

June 21, 1991

In re: BTA 8705 JV-P Gem No. 6 and No. 7 Wells  
Notice of Intention to Drill  
Lea County, New Mexico

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Noranda Exploration, Inc.  
Suite 1300, Four King Street West  
Toronto, Ontario M5H186

Attention: Mr. Frank Condon

Gentlemen:

In accordance with the State of New Mexico's Oil Conservation Commission Order No. R-111-P, we enclose the following material:

- 1) Well location and acreage dedication plats.

According to the office of the Bureau of Land Management, Noranda Exploration, Inc. is the Lessee of a Bureau of Land Management Potash Lease covering the following lands:

All of Sections 11 and 12, T-20-S, R-33-E,  
Lea County, New Mexico.

The drilling program will be the same as our 8705 JV-P Gem No. 5 well.

If you are agreeable that our drilling of these 2 wells will not interfere with your Potash Operations, please execute in the space provided below and return one (1) copy of this letter in the enclosed envelope to the undersigned at your earliest convenience.

Should you have any questions or need any additional information, please advise.

Yours truly,

  
WIN J. FARQUHAR

Manager Land Acquisitions

AGREED TO AND ACCEPTED this 24<sup>th</sup> day of June, 1991.

NORANDA EXPLORATION, INC.

By: 

Title: Director Business Development

Note  
Both Holes (Gem No. 6 & 7)  
are located in Section 2  
T20S; R33E, and are  
outside Noranda's potash  
lease boundary.



MIDLAND PARTNERS  
CARLTON BEAL  
CARLTON BEAL, JR.  
BARRY BEAL  
SPENCER BEAL  
KELLY BEAL

DENVER PARTNER  
BARRY BEAL, JR.

BTA OIL PRODUCERS  
104 SOUTH PECOS  
MIDLAND, TEXAS 79701  
AC 915-682-3753

ROCKY MOUNTAIN DIVISION  
555-17TH STREET  
SUITE 835  
DENVER, CO 80202  
AC 303-292-9299

June 21, 1991

In re: BTA 8705 JV-P Gem No. 6 and No. 7 Wells  
Notice of Intention to Drill  
Lea County, New Mexico

---

Mississippi Chemical Corporation  
P. O. Box 101  
Carlsbad, New Mexico 88220

CERTIFIED MAIL

Attention: Mr. Bob Dynan

Gentlemen:

In accordance with the State of New Mexico's Oil Conservation Commission Order No. R-111-P, we enclose the following material:

- 1) Well location and acreage dedication plats.

According to the office of the Commission of Public Lands for the State of New Mexico, the Mississippi Chemical Corporation is the Lessee of a State of New Mexico Potash Lease covering the following lands:

All of Section 2, T-20-S, R-33-E,  
and SW/4, NW/4 SE/4 and S/2 SE/4 of  
Section 36, T-19-S, R-33-E, all in  
Lea County, New Mexico.

The drilling program will be the same as our 8705 JV-P Gem No. 5 well.

If you are agreeable that our drilling of these 2 wells will not interfere with your Potash Operations, please execute in the space provided below and return one (1) copy of this letter in the enclosed envelope to the undersigned at your earliest convenience.

Should you have any questions or need any additional information, please advise.

Yours truly,

WIN J. FARQUHAR  
Manager Land Acquisitions

AGREED TO AND ACCEPTED this 25<sup>th</sup> day of JUNE, 1991.

MISSISSIPPI CHEMICAL CORPORATION

By: Jill C. Avey

Title: Senior Mine Engineer