



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.

February 21, 1991

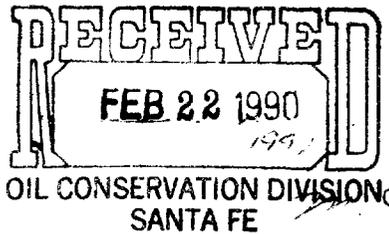
RE: Application for Salt Water Disposal
 BTA - Pardue -C-, 8808 JV-P, Well No. 1-D
 Unit N, 176' FSL & 1550' FWL
 Sec. 11, T23S, R28E
 Eddy County, New Mexico

10268

STATE OF NEW MEXICO
 Energy & Minerals Department
 Oil Conservation Commission
 P. O. Box 2088
 Santa Fe, NM 87504-2088

FEDERAL EXPRESS

Attn: Mr. David Catanach



Dear Mr. Catanach:

BTA hereby submits the enclosed application for Salt Water Disposal. Please set for hearing on March 21, 1991.

The surface owner and all offset operators have been mailed a complete copy of our application by certified mail.

Please advise if further information is required prior to the hearing.

Sincerely,

DOROTHY HOUGHTON
 For BTA Oil Producers

DH/pdi

Enclosures

xc: Artesia District Office

CAMPBELL & BLACK, P.A.
LAWYERS

JACK M. CAMPBELL
BRUCE D. BLACK
MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
MARK F. SHERIDAN
WILLIAM P. SLATTERY
ANNIE-LAURIE COOGAN

JEFFERSON PLACE
SUITE 1 - 110 NORTH GUADALUPE
POST OFFICE BOX 2208
SANTA FE, NEW MEXICO 87504-2208
TELEPHONE: (505) 988-4421
TELECOPIER: (505) 983-6043

March 27, 1991

HAND-DELIVERED

Mr. Michael E. Stogner, Hearing Examiner
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
State Land Office Building
Santa Fe, New Mexico 87501

Re: Oil Conservation Division Case No. 10268:
Application of BTA Oil Producers for Salt Water Disposal, Eddy County,
New Mexico

Dear Mr. Stogner:

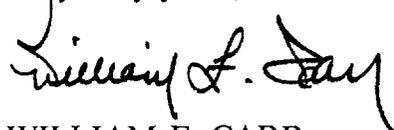
Pursuant to your request at the March 21, 1991 hearing in the above-referenced case, I am enclosing for your review cement tops for all wells in BTA's Exhibit No. 1 which were not included in the original C-108 filed with the Division. These tops were obtained from OCD forms C-105 or were calculated using normal cement volume yields.

Also enclosed are the specifications for the fiberglass tubing which BTA proposes to use in this well and an order in which the OCD has previously approved use of this tubing.

If you need anything further from BTA to proceed with your consideration of this matter, please advise.

Best regards.

Very truly yours,



WILLIAM F. CARR
ATTORNEY FOR BTA OIL PRODUCERS

WFC:mlh

Enclosures

cc w/o enc.: Mr. Steve Salmon, Chief Engineer
BTA Oil Producers
104 South Pecos
Midland, Texas 79701

OCD
Received
3/27/91
M.S.

Well: RB Operating Company
Amoco "11" Fed, Well No. 4

Location: 1980' FSL & 1651' FEL (Surface)
-J-, Sec. 11, T23S, R28E
Eddy County, N.M.

Type: Oil Producer

Construction: 8-5/8" @ 580' w/ 350 sx - Surface
5-1/2" @ 6310' w/1550 sx - TOC 1540', calculated*

Date Drilled: 11-19-90

Record of Completion: Perfs: 6108 - 6155'
IPF: 175 BO
Comp: 11-06-90

* Using a yield of 1 ft³/sack and a 100% safety volume factor

1 ft³ / sack

Well: RB Operating Company
Amoco "11" Fed, Well No. 2

Location: 990' FSL & 1330' FEL (Surface)
-O-, Sec. 11, T23S, R28E
Eddy County, N.M.

Type: Oil Producer

Construction: 8-5/8" @ 587' w/ 350 sx - Surface
5-1/2" @ 6350' w/ 600 sx - Surface
Cmtd DV w/1100 sx

Date Drilled: 11-19-90

Record of Completion: Perfs: 6192 - 6212'
IPF: 1137 BO
Comp: 12-14-90

Attachment to C-108
BTA Oil Producers
March 25, 1991
Page -4-

Well: RB Operating Company
S. Culebra Bluff, Well No. 7

Location: 660' FNL & 1740' FEL
-B-, Sec. 14, T23S, R28E
Eddy County, N.M.

Type: Oil Producer

Construction: 8-5/8" @ 500' w/ 220 sx - Circ
5-1/2" @ 7478' w/1320 sx - Circ

Date Drilled: 8-27-81

Record of Completion: Perfs: 6282 - 7404 (Bone Spring)
IPF: 59 BO
Comp: 11-18-81

Date Re-Entry: 6-13-90

Record of Completion: Perfs: 6079 - 6155
IPF: 198 BO
Comp: 6-24-90

Well: RB Operating Company
Carrasco "14", Well No. 2

Location: 1806' FNL & 2013' FEL
-G-, Sec. 14, T23S, R28E
Eddy County, N.M.

Type: Oil Producer

Construction: 8-5/8" @ 562' w/ 350 sx - Circ
5-1/2" @ 6300' w/1650 sx - Surface
DV @ 3560'

Date Drilled: 4-10-90

Record of Completion: Perfs: 6070 - 6163'
IPF: 40 BO
Comp: 5-02-90

Well: Bird Creek Resources, Inc.
Carrasco, Well No. 14-1

Location: 1980' FNL & 1880' FWL
-F-, Sec. 14, T23S, R28E
Eddy County, N.M.

Type: Oil Producer

Construction: 8-5/8" @ 520' w/ 550 sx - Surface
5-1/2" @ 6420' w/1245 sx - Circ
DV @ 2987'

Date Drilled: 5-15-89

Record of Completion: Perfs: 6086 - 6190'
IPF:
Comp: 7-15-89

Well: RB Operating Company
Carrasco Comm No. 1

Location: 1980' FNL & 1980' FWL
-F-, Sec. 14, T23S, R28E
Eddy County, N.M.

Type: Gas Producer

Construction: 16" @ 475' w/ 550 sx - Surface
10-3/4" @ 3130' w/3700 sx - Surface
7-5/8" @ 10659' w/2400 sx - TOC @ 2630 (Temp Sur)

Date Drilled: 12-17-78

Record of Completion: Perfs: 12502 - 12931'
IPF: 1450 MCFD
Comp: 4-07-79

Well: Bird Creek Resources, Inc.
Trachta, Well No. 2

Location: 1980' FNL & 660' FWL
-E-, Sec. 14, T23S, R28E
Eddy County, N.M.

Type: Oil Producer

Construction: 8-5/8" @ 514' w/ 310 sx - Surface
5-1/2" @ 6221' w/1490 sx - TOC 310' (Temp Sur)
DV @ 3101'

Date Drilled: 8-24-90

Record of Completion: Perfs: 6072 - 6133'
IPF: 240 BO
Comp: 9-14-90

Well: Bird Creek Resources, Inc.
Teledyne, Well No. 1

Location: 660' FNL & 1980' FWL
-C-, Sec. 14, T23S, R28E
Eddy County, N.M.

Type: Oil Producer

Construction: 8-5/8" @ 518' w/ 350 sx - Surface
5-1/2" @ 6205' w/2350 sx - Surface

Date Drilled: 12-28-89

Record of Completion: Perfs: 6062 - 6143'
IPF: 233 BO
Comp: 1-13-90

Well: Bird Creek Resources, Inc.
Teledyne, Well No. 2

Location: 660' FNL & 660' FWL
-D-, Sec. 14, T23S, R28E
Eddy County, N.M.

Type: Oil Producer

Construction: 8-5/8" @ 500' w/ 350 sx - Surface
5-1/2" @ 6187' w/1720 sx - Surface

Date Drilled: 5-06-90

Record of Completion: Perfs: 6014 - 6096'
IPF: 264 BO
Comp: 5-25-90

Well: Bird Creek Resources, Inc.
Siebert, Well No. 1

Location: 535' FNL & 535' FEL
-A-, Sec. 15, T23S, R28E
Eddy County, N.M.

Type: Oil Producer

Construction: 8-5/8" @ 510' w/ 350 sx - Surface
5-1/2" @ 6219' w/2050 sx - Surface

Date Drilled: 5-20-90

Record of Completion: Perfs: 6059 - 6131'
IPF: 295 BO
Comp: 6-16-90

Attachment to C-108
BTA Oil Producers
March 25, 1991
Page -8-

Well: Oryx Energy
Pardue Farms, Well No. 1

Location: 780' FSL & 660' FEL
-P-, Sec. 10, T23S, R28E
Eddy County, N.M.

Type: Oil Producer

Construction: 8-5/8" @ 503' w/ 400 sx - Surface
5-1/2" @ 6200' w/1795 sx - Surface
DV @ 3116'

Date Drilled: 7-25-90

Record of Completion: Perfs: 6052 - 6128'
IPF: 205 BO
Comp: 8-19-90

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION.

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 8942
Order No. R-8285

APPLICATION OF BTA OIL PRODUCERS
FOR SALT WATER DISPOSAL, LEA COUNTY,
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on July 23, 1986, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 26th day of August, 1986, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, BTA Oil Producers, seeks authority to utilize the Calatex Exploration, Inc. New Mexico State Well No. 1, located 2310 feet from the North line and 990 feet from the West line (Unit E) of Section 29, Township 17 South, Range 36 East, NMPM, Lea County, New Mexico, for salt water disposal.

(3) The applicant proposes to dispose of produced salt water into the San Andres formation, with injection into the perforated interval from approximately 5,082 feet to 5,120 feet.

~~x~~(4) The injection should be accomplished through either 2 3/8-inch fiberglass or 2 3/8-inch plastic-lined steel tubing installed in a packer set at approximately 5000 feet; the casing-tubing annulus should be filled with an inert fluid; and a pressure gauge or approved leak detection device should be attached to the annulus in order to determine leakage in the casing, tubing, or packer.

PREVIOUSLY APPROVED USE OF FIBERGLASS TUBING.

(5) Prior to commencing injection operations, the casing in the subject well should be pressure-tested throughout the interval from the surface down to the proposed packer setting depth, to assure the integrity of such casing.

(6) The injection well or system should be equipped with a pressure limiting switch or other acceptable device which will limit the wellhead pressure on the injection well to no more than 1015 psi.

(7) The Director of the Division should be authorized to administratively approve an increase in the injection pressure upon a proper showing by the operator that such higher pressure will not result in migration of the injected waters from the San Andres formation.

(8) The operator should give advanced notification to the supervisor of the Hobbs district office of the Division of the date and time of the installation of disposal equipment and of the mechanical integrity pressure test in order that the same may be witnessed.

(9) The operator should take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

(10) Approval of the subject application will prevent the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED THAT:

(1) The applicant, BTA Oil Producers, is hereby authorized to utilize the Calatex Exploration, Inc. New Mexico State Well No. 1, located 2310 feet from the North line and 990 feet from the West line (Unit E) of Section 29, Township 17 South, Range 36 East, NMPM, Lea County, New Mexico, to dispose of produced salt water into the San Andres formation, injection to be accomplished through either 2 3/8-inch fiberglass or 2 3/8-inch plastic-lined steel tubing installed in a packer set at approximately 5000 feet, with injection into the perforated interval from approximately 5,082 feet to 5,120 feet;

PROVIDED HOWEVER THAT, the casing-tubing annulus shall be filled with an inert fluid and a pressure gauge shall be attached to the annulus or the annulus shall be equipped with an approved leak detection device in order to determine leakage in the casing, tubing or packer.

PROVIDED FURTHER THAT, prior to commencing injection operations, the casing in the subject well shall be pressure-tested to assure the integrity of such casing in a manner that is satisfactory to the supervisor of the Division's district office at Hobbs.

(2) The injection well or system shall be equipped with a pressure limiting switch or other acceptable device which will limit the wellhead pressure on the injection well to no more than 1015 psi.

(3) The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the San Andres formation.

(4) The operator shall notify the supervisor of the Hobbs district office of the Division in advance of the date and time of the installation of disposal equipment and of the mechanical integrity pressure test in order that the same may be witnessed.

(5) The operator shall immediately notify the supervisor of the Division's Hobbs district office of the failure of the tubing, casing, or packer in said well or the leakage of water from or around said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

(6) The applicant shall conduct disposal operations and submit monthly reports in accordance with Rules 702, 703, 704, 705, 706, 708, and 1120 of the Division Rules and Regulations.

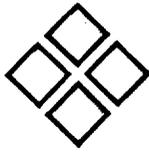
(7) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


R. L. STAMETS,
Director

S E A L



TUBULAR FIBERGLASS COMPANY

11811 Proctor Road – Houston, Texas 77038
 Phone: (713) 847-2987 Telex: 3723654 TFC TEX

RED BOX® -2500 FIBERGLASS CASING AND TUBING

DIMENSIONAL SPECIFICATIONS

Nominal Size (In)	Nominal O.D. (In)	Nominal I.D. (In)	Minimum Drift Dia. (In)	Pin Upset Dia. (In)	Max. Box O.D. (In)	Nominal Wall (In)	Nominal Weight		End Connection Type
							(Lbs / Ft)	(Lbs / Jt)	
2 ³ / ₈	2.50	2.00	1.90	2.72	3 ³ / ₈	0.25	1.4	46	2 ³ / ₈ " 8 Rd EUE Long*
2 ⁷ / ₈	3.10	2.50	2.38	3.22	4	0.30	2.2	67	2 ⁷ / ₈ " 8 Rd EUE Long*
3 ¹ / ₂	3.72	3.00	2.90	3.88	4 ³ / ₄	0.36	3.2	97	3 ¹ / ₂ " 8 Rd EUE Long*
4 ¹ / ₂	4.92	4.00	3.88	5.63	6 ⁷ / ₈	0.46	5.6	168	5 ¹ / ₂ " 8 Rd Csg Long**

Standard Joint Length: 30 Feet

API 5B, Table 2.6a* and 2.3**

PERFORMANCE AND RATINGS (-60°F to +200°F)

Nominal Size (In)	Pressure Rating (PSI)	Hydrostatic Mill Test Pressure (PSI)	Collapse Pressure Rating (PSI)	Axial Tension Rating (Lbs)	Stretch vs Tension Above Pipe Weight (10 ³ Feet)
2 ³ / ₈	2,500	2,500	5,200	22,000	0.19 x P x L
2 ⁷ / ₈	2,500	2,500	5,200	30,000	0.12 x P x L
3 ¹ / ₂	2,500	2,500	5,000	40,000	0.08 x P x L
4 ¹ / ₂	2,500	2,500	5,700	65,000	0.05 x P x L

P = tensile load (1,000 lbs)
 L = string length, feet

MECHANICAL PROPERTIES

PROPERTY	VALUE	UNIT	TEST METHOD
Tensile Strength, Hoop	30,000	psi	ASTM D1599
Tensile Strength, Axial	30,000	psi	ASTM D2105
Modulus of Elasticity, Axial	3.0	10 ⁶ psi	ASTM D2105
Long-Term Hydrostatic Design Basis, Static	15,000	psi	ASTM D2992 (B)
Long-Term Hydrostatic Design Basis, Cyclic	5,000	psi	ASTM D2992 (A)

PHYSICAL PROPERTIES

PROPERTY	VALUE	UNIT	TEST METHOD
Specific Gravity	1.8	—	ASTM D792
Density	0.065	lb./cu. in.	ASTM D792
Thermal Conductivity	1.4	Btu/hr/ft ² in. ² °F	—
Thermal Expansion Coefficient (Linear)	1.1	10 ⁻⁶ in./in. ² °F	ASTM D696
Flow Factor	150	—	Hazen-Williams

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

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

April 2, 1991

CAMBELL & BLACK
Attorneys at Law
P. O. Box 2208
Santa Fe, New Mexico 87504

RE: CASE NO. 10268 and CASE NO. 10271
ORDER NO. R-9147-C and ORDER NO. R-9486

Dear Sir:

Enclosed herewith are four copies of the above-referenced Division orders recently entered in the subject cases.

Sincerely,

Florene Davidson

Florene Davidson
OC Staff Specialist

FD/sl

cc: BLM Carlsbad Office
BLM Roswell Office



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

November 18, 1992

BTA Oil Producers
104 South Pecos
Midland, Texas 79701

Attention: Dorothy Houghton

*RE: Request to Extend Injection
Interval on the BTA Pardue
-C-, 8808 JV-P Well No.1-D
Salt Water Disposal Well
Division Order No. R-9147-C*

Dear Ms. Houghton,

Reference is made to your request to extend the approved injection interval in the BTA Pardue -C-, 8808 JV-P, Well No.1-D, located 176 feet from the North line and 1550 feet from the West line (Unit N) of Section 11, Township 23 South, Range 28 East NMPM, Eddy County New Mexico, currently comprising the Cherry Canyon Sands of the Delaware Mountain Group, to include the Bell Canyon Sands.

THE DIVISION DIRECTOR FINDS THAT:

- (1) The request has been duly filed under the provisions of Rule 701 of the Division Rules and Regulations;
- (2) Satisfactory information has been provided that all offset operators and surface owners have been duly notified;
- (3) The operator has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met; and
- (4) No objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED THAT:

(1) The operator herein, BTA Oil Producers is hereby authorized to extend the injection interval on the BTA Pardue -C-, 8808 JV-P , Well No.1-D, located 176 feet from the North line and 1550 feet from the West line (Unit N) of Section 11, Township 23 South, Range 28 East NMPM, Eddy County, New Mexico, currently comprising the Cherry Canyon Sands of the Delaware Mountain Group, to include the Bell Canyon Sands formation for purposes of injection through perforations located at approximately 2950 feet to 3875 feet through 2 7/8 inch tubing set in a packer located at approximately 2850 feet.

IT IS FURTHER ORDERED THAT:

The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than 590 psi.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Bell Canyon and Cherry Canyon formations. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Artesia district office or the Division of the failure of the tubing, casing, or packer in said well and shall take such steps as may be timely and necessary to correct such failure of leakage.

PROVIDED FURTHER THAT; jurisdiction of this cause is hereby retained by the Division for the entry of such further order or orders as may be deemed necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of the operator to conduct operations in a manner which will ensure the protection of fresh water or in a manner inconsistent with the requirements set forth in this order, the Division may, after notice and hearing, terminate the injection authority granted herein.

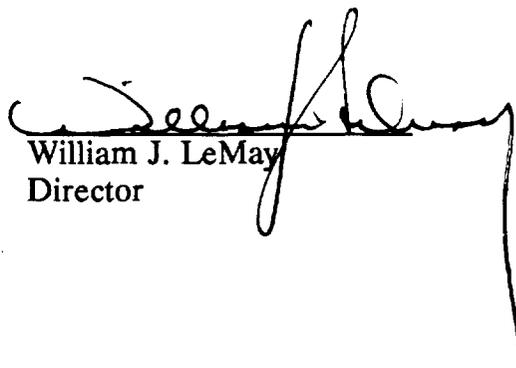
The operator shall submit monthly reports of the disposal operations in accordance with Rule Nos. 706 and 1120 of the Division Rules and Regulations.

The subject well shall be governed by all provisions of Division Order No. R-9147-C and Rules 702-706 of the Division Rules and Regulations not inconsistent herewith.

BTA Oil Producers
November 18, 1992
Page 3

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

Approved at Santa Fe, New Mexico, on this 18th day of November, 1992.


William J. LeMay
Director

WJL/BES

cc: Oil Conservation Division - Artesia
Case File No. 10268

OIL CONSERVATION DIVISION
RECEIVED



MIDLAND PARTNERS

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

DENVER PARTNER

BARRY BEAL, JR.

1992 OCT 22 AM 8 53 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

October 20, 1992

RE: Amended Order No. R-9147-C
Salt Water Disposal
BTA Pardue -C-, 8808 JV-P, Well No. 1-D
Unit N, 176' FSL & 1550' FWL
Sec. 11, T23S, R28E
Eddy County, New Mexico

STATE OF NEW MEXICO
Energy & Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Attn: Mr. David Catanach

Dear Mr. Catanach:

BTA hereby requests to amend the above referenced order for additional Cherry Canyon perforations. We propose the additional perforations from 2,950' to 3,327' with a total of 181 holes.

Should further information be required to grant this request, please advise.

Sincerely,

DOROTHY HOUGHTON
For BTA Oil Producers

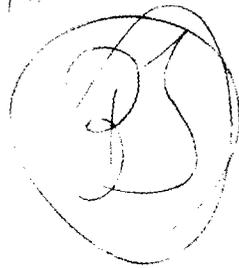
DH/pdi

xc: Artesia District Office

BTA
TOP 3610' CHERRY
TOP 2600' BELL CANYON

WILL RE-PUBLISH
AS PER TELEPHONE CONVERS.
w/ DOROTHY.

10-28-92



RELEASE 11-26-92



OIL CONSERVATION DIVISION

RECEIVED

BTA OIL PRODUCERS

ROCKY MOUNTAIN DIVISION

555-17TH STREET

SUITE 835

DENVER, CO 80202

AC 303-292-9299

MIDLAND PARTNERS

CARLTON BEAL

CARLTON BEAL, JR.

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SPENCER BEAL

KELLY BEAL

DENVER PARTNER

BARRY BEAL, JR.

92 NOV 12 AM 9 36

104 SOUTH PECOS

MIDLAND, TEXAS 79701

AC 915-682-3753

November 9, 1992

RE: Amended Order No. R-9147-C
Salt Water Disposal
BTA Pardue -C-, 8808 JV-P, Well No. 1-D
Unit N, 176' FSL & 1550' FWL
Sec. 11, T23S, R28E
Eddy County, New Mexico

STATE OF NEW MEXICO
Energy & Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Attn: Mr. David Catanach

Dear Mr. Catanach:

Enclosed please find our "Affidavit of Publication" and signed Forms 3811 "Proof of Notification" for the above referenced amended order request.

Should further information be required to grant this request, please advise.

Sincerely,

Dorothy Houghton
DOROTHY HOUGHTON
For BTA Oil Producers

DH/pdi

xc: Artesia District Office

Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

E. C. Cantwell, being first duly sworn,
on oath says:

That he is publisher of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the state wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

NOVEMBER 4 , 19 92
_____, 19 ____
_____, 19 ____
_____, 19 ____

that the cost of publication is \$ 23.92 ,
and that payment thereof has been made
and will be assessed as court costs.

E. C. Cantwell

Subscribed and sworn to before me this
4 day of NOVEMBER , 19 92

Linda X Martin

My commission expires 7/22/96
Notary Public

November 4, 1992
NOTICE OF AMENDED INJECTION INTERVAL ORDER NO. 9147-C
BTA Oil Producers, 104 S. Pecos, Midland, Texas, 79701, 915/682-3753, Dorothy Houghton, Regulatory Administrator, has applied to the State of New Mexico Energy and Minerals Dept. to amend the injection interval to include the Bell Canyon formation which is nonproductive of oil or gas.
The applicant proposes to inject water into the Bell Canyon as well as the permitted Cherry Canyon of the Delaware mountain group formation in the Pardue C., 8808 JV-P, Well No. 1-D. The disposal well is located 178' FSL & 1550' FWL of Sec. 11, T23S, R28E in a Undesignated Cherry and Bell Canyon field of Eddy County, N.M. Water will be injected into strata on the subsurface depth interval of 2,950'-3,875' with maximum injection rate of 1000 BWPD with average injection pressure of 1250 psi.
Interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, N.M., 87501 within 15 days.

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
 Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. (Extra charge) 2. Restricted Delivery (Extra charge)

3. Article Addressed to: Mississippi Chemical Corporation P. O. Box 101 Carlsbad, NM 88220	4. Article Number P 045 806 967 Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
5. Signature - Addressee X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>[Signature]</i>	
7. Date of Delivery 11-2-92	

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 **DOMESTIC RETURN RECEIPT**

3. Article Addressed to: Bird Creek Resources 1412 S. Boston, Suite 550 Tulsa, Okoahoma 74119	4. Article Number P 045 806 966 Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
5. Signature - Addressee X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>[Signature]</i>	
7. Date of Delivery 11-2-92	

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 **DOMESTIC RETURN RECEIPT**

3. Article Addressed to: Oryx Energy Company P. O. Box 2880 Dallas, Texas 75221	4. Article Number P 045 806 965 Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
5. Signature - Addressee X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>[Signature]</i>	
7. Date of Delivery NOV 02 1992	

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 **DOMESTIC RETURN RECEIPT**

3. Article Addressed to: RB Operating Company Two Warren Place 6120 South Yale, Suite 1700 Tulsa, Oklahoma 74136	4. Article Number P 045 806 964 Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
5. Signature - Addressee X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>[Signature]</i>	
7. Date of Delivery	

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 **DOMESTIC RETURN RECEIPT**

BTA Oil Producers

Pardue -C-, 8808 JV-P
Well No. 1-D, Amended SWD Order No. R-9147-C
Sec. 11, T-23-S, R-28-E
Eddy County, New Mexico

Surface Owner:

Mississippi Chemical Corporation
P. O. Box 101
Carlsbad, NM 88220

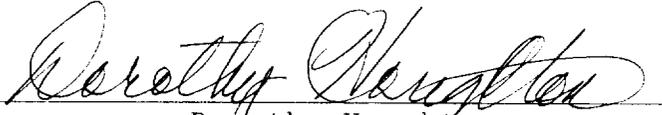
Offset leasehold Operators within one-half mile of well location:

Bird Creek Resources	NW4, Sec. 14
1412 S. Boston, Suite 550	NE4, Sec. 15
Tulsa, Okoahoma 74119	

Oryx Energy Company	SE4, Sec. 10
P. O. Box 2880	
Dallas, Texas 75221	

RB Operating Company	SE4, Sec. 11
Two Warren Place	NE4, Sec. 14
6120 South Yale, Suite 1700	
Tulsa, Oklahoma 74136	

I hereby certify the above were notified of our request for amending our injection zone on October 29, 1992, by certified mail.


Dorothy Houghton



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

October 29, 1992

RE: Amended Order No. R-9147-C
Salt Water Disposal
BTA Pardue -C-, 8808 JV-P, Well No. 1-D
Unit N, 176' FSL & 1550' FWL
Sec. 11, T23S, R28E
Eddy County, New Mexico

MISSISSIPPI CHEMICAL CORPORATION
P. O. Box 101
Carlsbad, New Mexico 88220

CERTIFIED MAIL

Gentlemen:

BTA has filed a request with the State of New Mexico Energy and Minerals Department of the Oil Conservation Division to amend the injection interval in the above referenced salt water disposal well.

The original permitted injection interval included the Cherry Canyon from 3,500'-3,875'. Our request is to include the Bell Canyon from 2,950'-3,327' which is also nonproductive in the Delaware group. As you know, the Brushy Canyon Delaware is the producing zone in the area.

Should you have questions concerning this request, please call.

Sincerely,


DOROTHY HOUGHTON
For BTA Oil Producers

DH/pdi



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.

October 29, 1992

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Salt Water Disposal
BTA Pardue -C-, 8808 JV-P, Well No. 1-D
Unit N, 176' FSL & 1550' FWL
Sec. 11, T23S, R28E
Eddy County, New Mexico

BIRD CREEK RESOURCES
1412 S. Boston, Suite 550
Tulsa, Oklahoma 74119

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BTA OIL PRODUCERS

104 SOUTH PECOS
MIDLAND, TEXAS 79701
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BTA Pardue -C-, 8808 JV-P, Well No. 1-D
Unit N, 176' FSL & 1550' FWL
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Eddy County, New Mexico

ORYX ENERGY COMPANY
P. O. Box 2880
Dallas, Texas 75221

CERTIFIED MAIL

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Sec. 11, T23S, R28E
Eddy County, New Mexico

RB OPERATING COMPANY
Two Warren Place
6120 South Yale, Suite 1700
Tulsa, Oklahoma 74136

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