STATE OF NEW MEXICO
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
SANTA FE, NEW MEXICO 87505

Form C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: X Secondary Recovery _____ Pressure Maintenance _____ Disposal _____ Storage
Application qualifies for administrative approval? X Yes _____ No

II. OPERATOR: BOPCO, L.P.

ADDRESS: P.O. Box 2760 Midland TX 79702

CONTACT PARTY: Valerie Truax PHONE: (432)683-2277

III. WELL DATA: Complete the data required on the reverse side of this form for each well processed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? _____ Yes X No
If yes, give the Division order number authorizing the project _____

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

Oil Conservation Division
Case No. 14577
Exhibit No. 7

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness. and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted.)

*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the 'Proof of Notice' section on the reverse side of this form.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Valerie Truax TITLE: Regulatory Admin Assistant

SIGNATURE: Valerie Truax DATE: 05/14/2010

E-MAIL ADDRESS: vltruax@basspet.com

* If the information required under Sections VI, VHI, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstance of the earlier submittal: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

III. Well Data

A. 1) Lease name: Poker Lake Unit
Well #: 166
Section: 5
Township: 24S
Range: 30E
Footage: 660' FNL & 660' FWL

2) Casing Info:

Casing size	Set depth	Sacks cmt	Hole size	TOC	Method
8-5/8" 24# WC-50 ST&C	575'	325	12-1/4"	Surface	Circulated
5-1/2" 15.5# & 17# K55, L80 LT&C	7462'	630	7-7/8"	3879'	TS

3) Tubing to be used (size, lining material, setting depth):
2-7/8" 6.5# J-55 Seal Tite IPC tbg set @ 7,050'.

4) Name, model, and depth of packer to be used:
Lokset Nickel Plated EXT/INT PC Pkr set @ 7,050'.

B. 1) Name of the injection formation and, if applicable, the field or pool name:
Nash Draw (Delaware formation).

2) The injection interval and whether it is perforated or open hole:
Additional Delaware perfs will be added from 7,091'-7,350' to create the overall injection interval.

3) State if the well was drilled for injection or, if not, the original purpose of the well:
Drill & complete Lower Brushy Canyon (Delaware formation) development well.

4) Give the depths of any other perforated intervals and detail on the sacks of cement or BPs used to seal off such perforations:
The well currently has Delaware perfs located at 7280'-7290'.

5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any:
Higher: None Lower: Bone Spring Lime @ 7357'

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected: **1000 average, 2,000 BWPD**
2. Whether the system is open or closed: **closed**
3. Proposed average and maximum injection pressure: **1318 psi average, 1418 psi maximum**
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water: **water will be produced from same reservoir (Delaware)**
5. If injection is for disposal purposes into a zone not productive of oil & gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water: **n/a**

VIII. Attach appropriate geologic data on the injection zone *including appropriate lithologic detail, geologic name,* thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing *waters with TDS of 10,000 mg/l or less) overlying the* proposed injection zone as well as any such sources known to be immediately underlying the injection interval:

Lithologic Detail:	Sand, Shale Sequences
Geological Name:	Delaware Mountain Group
Thickness:	3768'
Depth:	3582'-7350'

The Rustler Formation is a known source of fresh water throughout this geographic area. Average depth of Rustler is 382'-626'. No sources of fresh water are known to exist below the proposed disposal zone.

IX. Describe the proposed stimulation program, if any:
The new perfs will be perforated and acidized with approximately 50 gallons 7-1/2% NEFE HCl per foot; 500 gals total.

X. *Attach appropriate logging and test data on the well. (If well logs have been filed with the* Division, they need not be resubmitted.)
Logs previously submitted.

XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
No known fresh water wells within one mile of proposed well.

XII. Applicants for disposal wells must make an affimative statement *that they have examined available geologic and engineering data* and find no evidence of open faults or any other hydology connection between the disposal zone and any underground sources *of drinking water.*
Applicant hereby affirms that he has examined the available geologic and engineering data and finds no evidence of open faults, or other hydrologic connection between the disposal zone and any underground source of drinking water.

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1. *Proposed average and maximum daily rate and volume of fluids to be injected:* **1000 average, 2,000 BWPD**
2. Whether the system is open or closed: **closed**
3. Proposed average and maximum injection pressure: **1318 psi average, 1418 psi maximum**
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CURRENT

LEASE: POKER LAKE UNIT WELL #: 166

FIELD: NASH DRAW (DELAWARE)

LOCATION: 660' FNL & 660' FWL, SECTION 5, T24S, R30E

COUNTY: EDDY ST: NM API: 30-015-31695

KB: 3242'
GL: 3229'
SPUD DATE: 5/21/2001
COMP DATE: 6/21/2001

SURFACE CASING

SIZE:	8-5/8"	
WT/GRD:	24#	WC50
CSA:	575'	
SX:	125/200	PERM/PREM+
CIRC:	Y	
TOC:	SURF	
HOLE SIZE:	11"	0-575'

PRODUCTION CASING

SIZE:	5-1/2"	
WT/GRD:	15.5# K55	0-6151'
WT/GRD:	17# J55	6151-6693'
WT/GRD:	17# L80	6693-7462'
CSA:	7462'	
SX:	600/30	PERM+ W/N2 / C
CIRC:	Y	
TOC:	3879'	TS
HOLE SIZE:	7-7/8"	575-7465'

TUBING

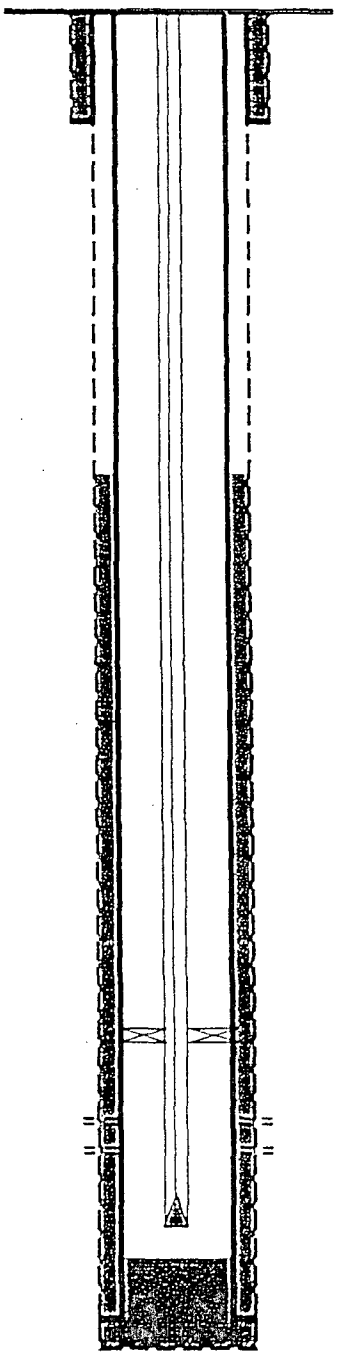
(222 JTS) 2-7/8" 6.5# J55 TUBING
TAC @ 6901'
(13 JTS) 2-78" 6.5# J55 TUBING
3' SS TUBING SUB
MSN @ 7317'

RODS & PUMP

1875' 1" WCN-90 STL RODS
1950' 7/8" WCN-90 STL RODS
3375' 3/4" WCN-90 STL RODS
1-1/2" RHBM-HVR-TS PUMP

PERFORATION DATA

06/01 PERF 7280-90' LBC "Y" BD W/ 750g 7-1/2% HCl. F: 52kg Viking 30+165k# 16/30 Brady sd+60k# 16/30 CR-4000



0' GL
13' KB
575' 8-5/8" 24# WC50 CSG
11" HOLE
3,879' TOC (TS)
6,151' 5-1/2" 15.5# K55
5-1/2" 17# J-55 6151-6693'
6,693' 5-1/2" 17# L-80 MRKR JT
6,901' TAC
7,280' PERF 7280-90' LBC "Y"
7,290' 2SPF 0° PHSG (20 SHOTS)
7,317' MSN
7,389' PBTD
7,462' 5-1/2" 17# L80 CSG
7,465' 7-7/8" HOLE

PBTD: 7389'
TD: 7465'

Updated: 12/18/2009
Author: ezg
Engr: CC

PROPOSED

LEASE: POKER LAKE UNIT WELL #: 166

FIELD: NASH DRAW (DELAWARE)

LOCATION: 660' FNL & 660' FWL, SECTION 5, T24S, R30E

COUNTY: EDDY ST: NM API: 30-015-31695

KB: 3242'
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SPUD DATE: 5/21/2001
COMP DATE: 6/21/2001

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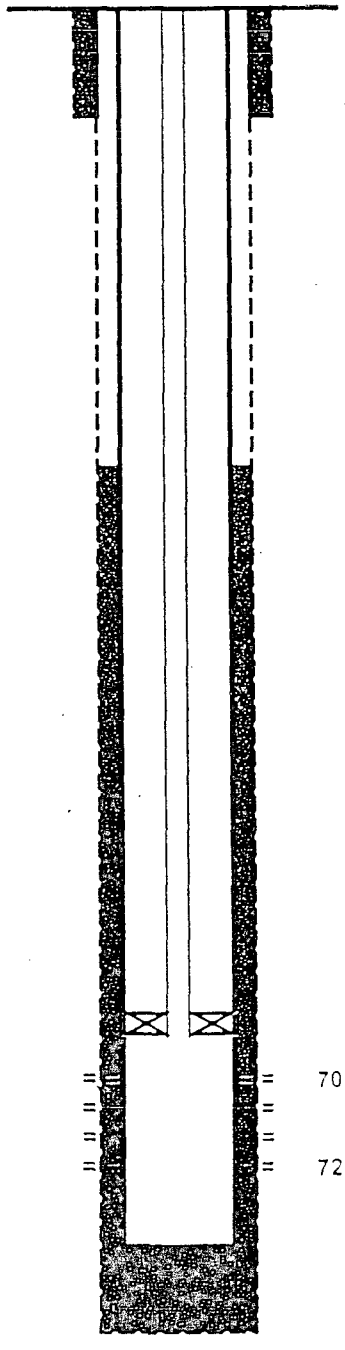

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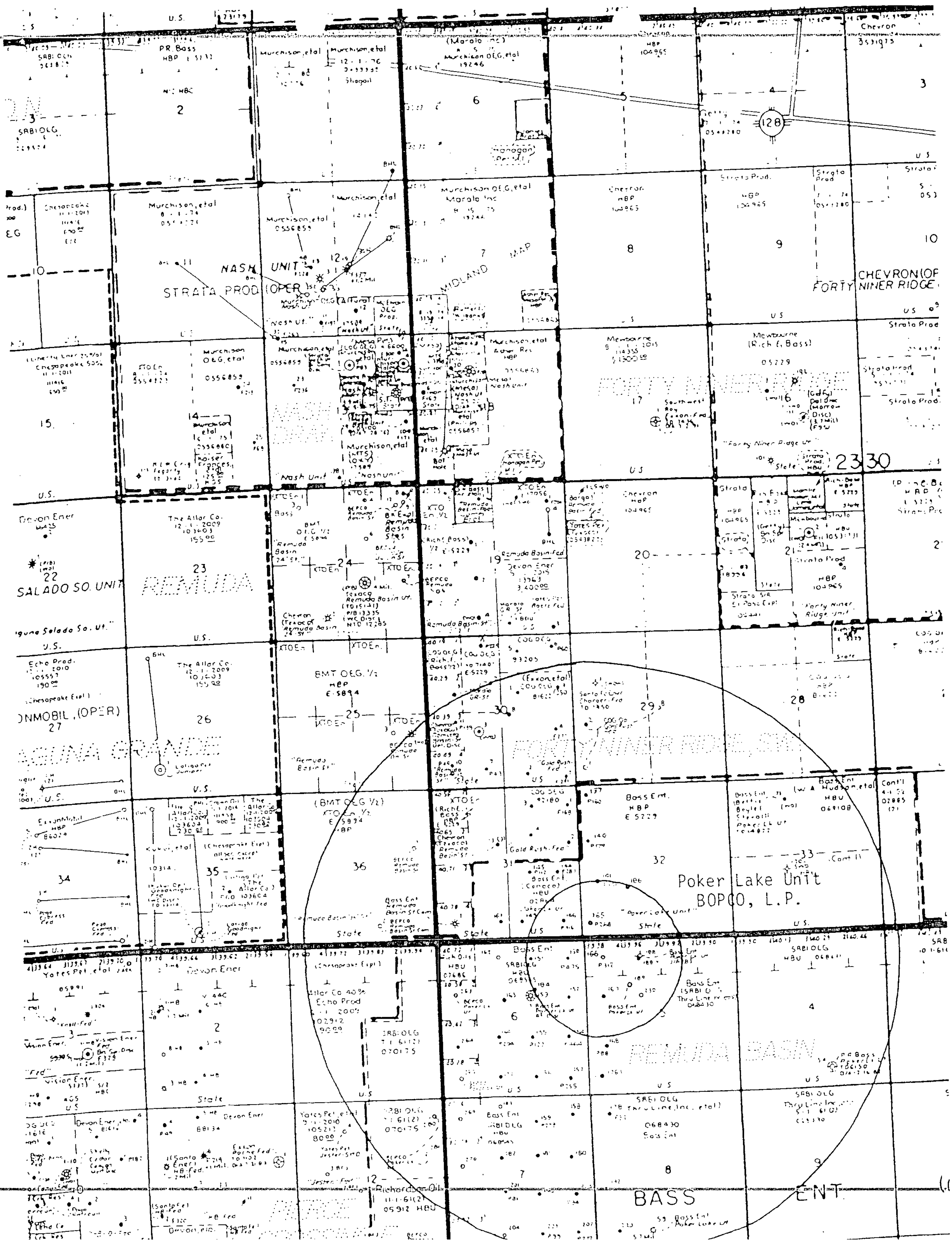
7050' Lokset Nickel Plated EXT/INT PC Pkr
2-7/8", 6.5#, J-55 Seal Tite IPC Tbg
7091-7279 OA LBC Perfs
7,280' PERF 7280-90' LBC "Y" 2SPF
7,290' 0° PHSG (20 SHOTS)
7291-7350 OA LBC Perfs
7,389' PBTD
7,462' 5-1/2" 17# L80 CSG
7,465' 7-7/8" HOLE

PBTD: 7389'
TD: 7465'

Updated: 1/18/2010
Author: ezg
Engr: CC



NASH UNIT
STRATA PROD (OPER)
MIDLAND MAP
CHEVRON (OP
FORTY NINER RIDGE
FORTY NINER RIDGE, SW
SALADO SO. UNIT
REMUDA
LAGUNA GRANDE
Poker Lake Unit
BOPCO, L.P.
REMUDA BASIN
BASS ENT
Murchison, etal
Murchison O&G, etal
The Allar Co.
Devon Ener
Mewbourne
Chevron
XTO En
Bass Ent
BMT O&G 1/2
Yates Pet, etal
Richardson Oil

Affidavit of Publication

State of New Mexico
County of Eddy, ss.

Kathy McCarroll, being first duly sworn, on oath says:

That she is the Classified Supervisor 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:

April 24 2010

That the cost of publication is **$58.02** and that payment thereof has been made and will be assessed as court costs.

Kathy McCarroll

Subscribed and sworn to before me this 27th day of April, 2010

Stephanie Dobson

My commission expires 1/25/2014
Notary Public

OFFICIAL SEAL
STEPHANIE DOBSON
Notary Public
State of New Mexico
My Comm. Expires 1/25/2014

April 24, 2010

NOTICE OF APPLICATION FOR A SECONDARY RECOVERY WELL PERMIT

BOPCO, L.P. has applied to the New Mexico Oil Conservation Division for a permit to inject produced salt water or other oil and gas waste into a porous formation productive of oil or gas.

The applicant proposes to inject produced water or other oil and gas waste into the Poker Lake Unit #166 (Delaware Formation). The maximum injection pressure will be 1418 psi and the maximum rate will be 2000 bbls produced water/day. The proposed injection well is located 14 miles east of Malaga, New Mexico in Section 5, T24S, R30E, Eddy County, New Mexico. The produced salt water will be disposed at a subsurface depth of 7091' - 7350'.

Any questions concerning this application should be directed to Valerie Truax, Regulatory Administrative Assistant, BOPCO, L.P., P.O. Box 2760, Midland, Texas 79702-2760, (432)683-2277.

Interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 S. St. Francis Dr., Santa Fe, New Mexico 87505 within 15 days.

RECEIVED
APR 30 2010
BOPCO WTD PRODUCTION