

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage
Application qualifies for administrative approval? Yes No
- II. OPERATOR: BOPCO, L.P.
ADDRESS: P O Box 2760 Midland Tx 79702
CONTACT PARTY: Sandra J. Belt ext. 149 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:
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 reinjected 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: Sandra J. Belt ext. 149 TITLE: Regulatory Clerk
SIGNATURE: Sandra J. Belt DATE: 12/30/2009
E-MAIL ADDRESS: sjbelt@basspet.com
- * If the information required under Sections VI, VII, 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

Oil Conservation Division
Case No. 14461
Exhibit No. 2

III. Well Data

A. 1) Lease name: **Poker Lake Unit**
 Well #: **213**
 Section: **18**
 Township: **24S**
 Range: **30E**
 Footage: **860' FSL & 660' FEL**

2) Casing Info:

Casing size	Set depth	Sacks cmt	Hole size	TOC	Method
8-5/8" 32# J-55 ST&C csg	454	860	12-1/4"	Surface	Circulated
5-1/2" 15 & 15.5# N80/L80	7596	845	7-7/8"	Surface	Circulated

3) Tubing to be used (size, lining material, setting depth):
 2-7/8" 17# J-55 Seal Tie IPC tbg set @ 7,370'

4) Name, model, and depth of packer to be used:
 Lokset Nickel Plated EXT/INT PC Pkr set @ 7,370'

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

2) The injection interval and whether it is perforated or open hole:
 The wellbore will be perforated from 7,038' - 7,460' to facilitate future injection in all zones. Initially, we will inject into the lower Avalon zone only from 7388-460'.

3) State if the well was drilled for injection or, if not, the original purpose of the well:
 Drill & complete Delaware 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:

N/A

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 Sand @ approximately 7,450'

SOPCO application for disposal- PLU #213

LEASE: POKER LAKE U
 FIELD: NASH DRAW DEW-WARE
 LOCATION: 860' FSL & 660' FEL, SECTION 18, T24S, R30E
 COUNTY: EDDY ST: NM API: 30-015-33859

PROPOSED

KB: 3215'
 GL: 3195'
 SPUD DATE: 1/13/2005
 COMP DATE: 2/22/2005

SURFACE CASING
 SIZE: 8-5/8"
 WT/GRD: 32# J-55
 CSA: 454'
 SX: 100 / 200 PBCZ / PREM+
 SX: 560 PREM+
 CIRC: Y W/O RETURNS
 TOC: SURF TOP OUT
 HOLE SIZE: 12-1/4" 0-454'

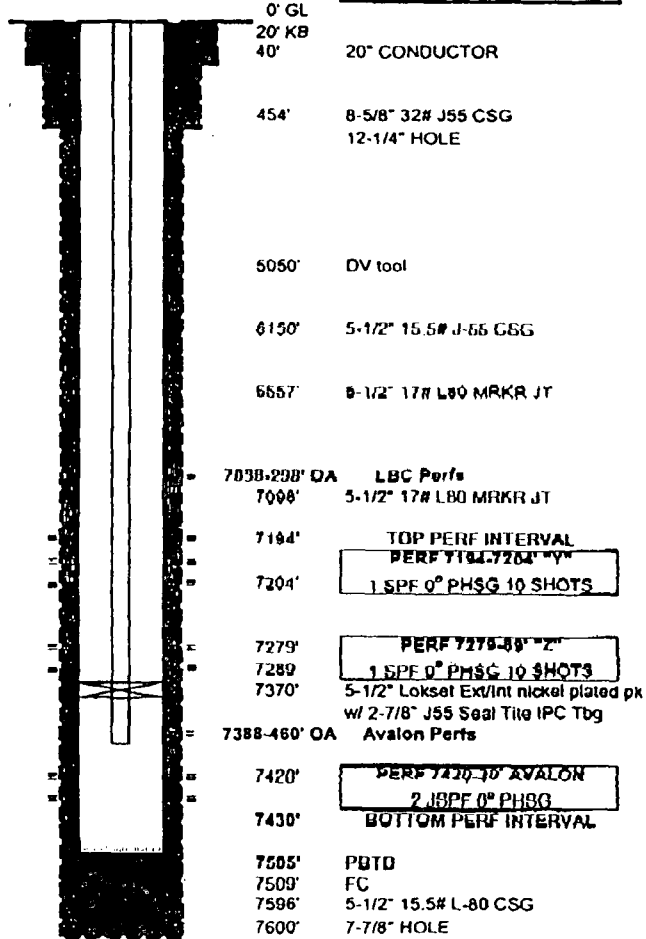
PRODUCTION CASING
 SIZE: 5-1/2" (orig csg cut & replaced)
 WT/GRD: 15.5# L80 0-5050'
 WT/GRD: 16.5# L80 5050-7596'
 CSA: 7560'
 SX: 7789 ex P07 C 50 ex Class C
 CIRC: Y
 TOC: Surface by Top Out
 HOLE SIZE: 7-7/8" 454-7600'

TUBING DATA

RODS & PUMP DATA

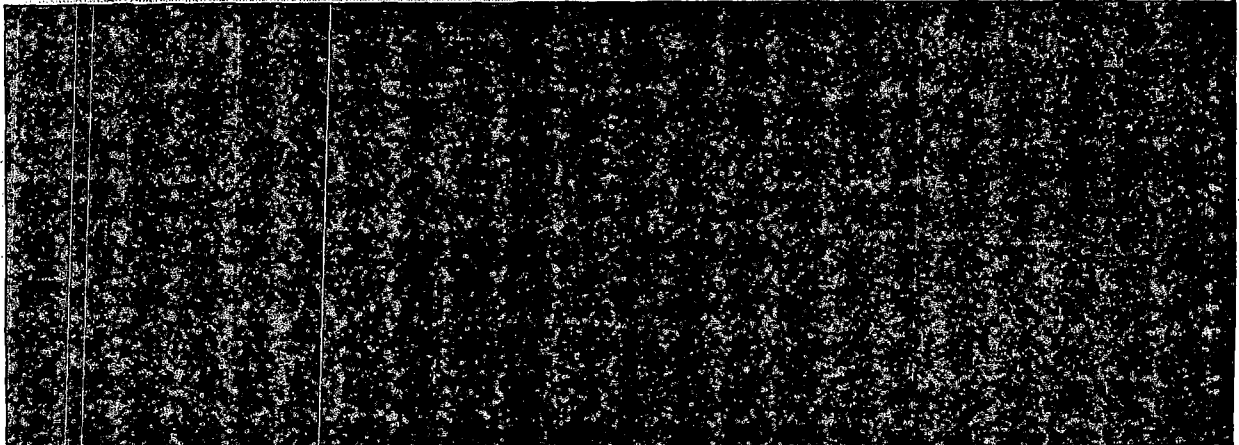
PERFORATION DATA

02/05 PERF 7420-30' AVALON LOAD CSG W/
 18 DDIS 2% KCl. 80 perfs w/ 870#. Pmp shot
 9010 pwp w/ 20 bbls 2% KCl @ 4 BPM & 800#.
 151P 7500. #1 154.7kg PW + 26.7k# 14/30 LITE
 PROP + 3k# 16/30 SUPER LC. FLUSH W/ 7kg
 FW. LOST TTL 320 BPW TO PERFS.
 03/05 PERF 7279-89 "Z", 7194-7204 "Y"
 F: 20.7kg PW+73kg Lightening 2500+15.9k#
 14/30 Lite Prop+185k# 16/30 Ottawa+105k#
 16/30 Super LC



PBTD: 7505'
 TD: 7600'

Updated: 12/30/2009
 Author: eazg
 Engr: JBB



RECEIVED

DEC 28 2009

Affidavit of Publication

BOPCO WTD PRODUCTION

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:

December 23 2009

That the cost of publication is \$56.64 and that
payment thereof has been made and will be
assessed as court costs.

Kathy McCarroll

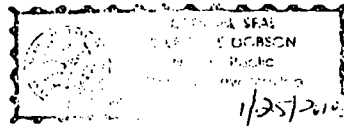
Subscribed and sworn to before me this

23rd day of December, 2009

Stephen D. Brown

My commission Expires on 1/25/2010

Notary Public



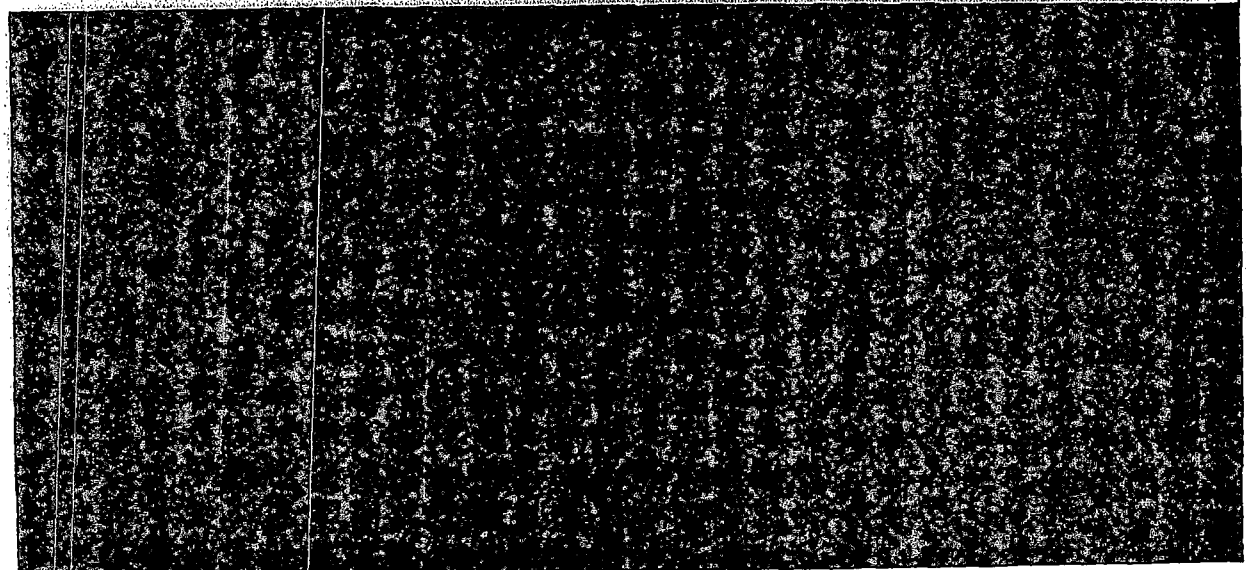
December 23, 2009
NOTICE OF APPLI-
CATION FOR SALT
WATER DISPOSAL
WELL PERMIT

BOPCO, L.P. has ap-
plied to the New
Mexico Oil Conserva-
tion Division for a
permit to dispose of
produced salt water
or other oil and gas
waste into a porous
formation productive
of oil or gas.

The applicant proposes
to dispose of pro-
duced water or other
oil and gas waste into
the Fisher Lake Unit
#711 (Deleware For-
mation). The maxi-
mum injection pres-
sure will be 1,400 psi
and the maximum
rate will be 2,500 bbls
produced water/day.
The proposed dispos-
al well is located 9
miles east of Amolosa,
New Mexico in Sec-
tion 18, T34S, R30E,
Eddy County, New
Mexico. The pro-
posed salt water will
be disposed at a sub-
surface depth of
7,000-7,500'.

Any questions con-
cerning this applica-
tion should be directed
to the Bureau of Land
Management, Clerk,
BOPCO, L.P., P.O.
Box 1700, Alamogordo,
New Mexico 88001-1700.
(505) 325-7777 ext.
(505) 325-7777 fax.

Interested parties
must file objections
or requests for hear-
ing with the Oil Con-
servation Division,
220 S. E. Fancha
Dr., Santa Fe, New
Mexico 87503 within
15 days.



LEASE: POKER LAKE WELL #: 21
 FIELD: NASH DRAW DELAWARE
 LOCATION: 860' FSL & 660' FEL, SECTION 18, T24S, R30E
 COUNTY: EDDY ST: NM API: 30-015-33859

PROPOSED

KB: 3215'
 GL: 3195'
 SPUD DATE: 1/13/2005
 COMP DATE: 2/22/2005

SURFACE CASING
 SIZE: 8-5/8"
 WT/GRD: 32# J-55
 CSA: 454"
 SX: 100' / 200' PBCZ / PREM+
 SX: 560' PREM+
 CIRC: Y W/O RETURNS
 TOC: SURF TOP OUT
 HOLE SIZE: 12-1/4" 0-454"

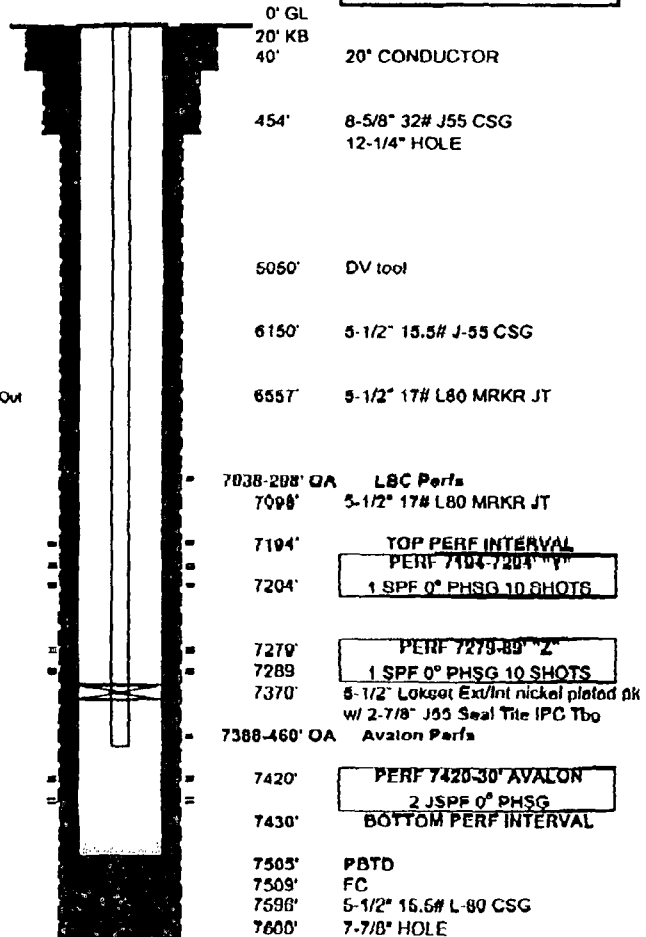
PRODUCTION CASING
 SIZE: 5-1/2" (orig csg cut & replaced 5050')
 WT/GRD: 15.5# J55 0-6150'
 WT/GRD: 15.5# L80 6150-7596'
 CSA: 7596"
 SX: 2799' ex POZ C 80 ex Class C
 CIRC: Y
 TOC: Surface 500' ex 35/65 Pozby Top Out
 HOLE SIZE: 7-7/8" 454-7600'

TUBING DATA

RODS & PUMP DATA

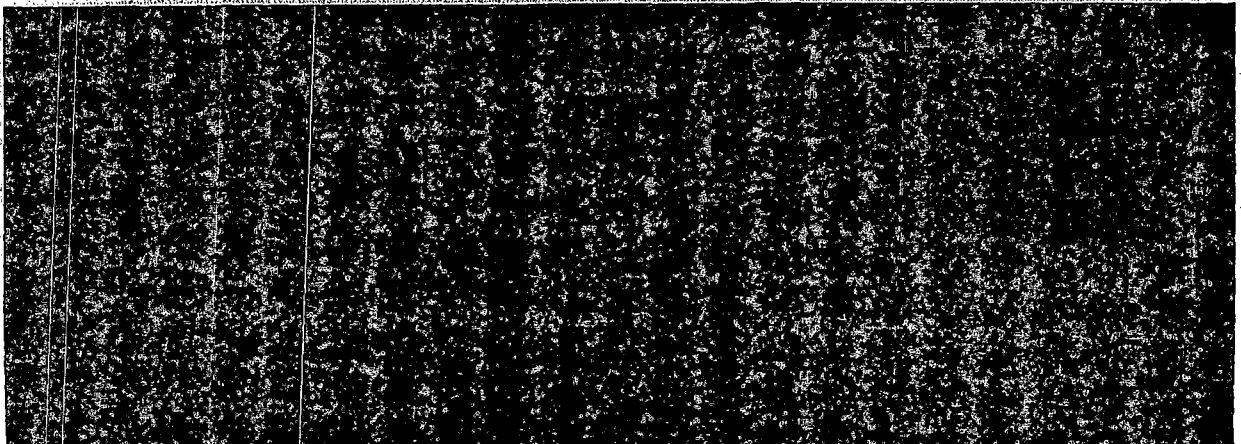
PERFORATION DATA

02/05 PERF 7420-30' AVALON LOAD CSG W/
 16 bbls 2% KCl. BD perfs w/ 870#. Pmp spot
 acid away w/ 20 bbls 2% KCl @ 4 BPM & 800#.
 ISIP 750#. F/ 154.7kg PW + 26.7K# 14/30 LITE
 PROP + 3k# 16/30 SUPER LC. FLUSH W/ 7kg
 FW. LOST TTL 320 BPW TO PERFS.
 03/05 PERF 7278-89 "Z", 7194-7204 "Y"
 F: 20.7kg PW+73kg Lightening 2500+15.9k#
 14/30 Lite Prop+185k# 16/30 Ottawa+105k#
 16/30 Super LC



PBDT: 7505'
 TD: 7600'

Updated: 1/15/2010
 Author: e2g
 Engr: JBB



LEASE: POKER LAKE WELL #: 2
 FIELD: NASH DRAW DELAWARE
 LOCATION: 860' FSL & 660' FEL, SECTION 18, T24S, R30E
 COUNTY: EDDY ST: NM API: 30-015-33859

* CURRENT *

KB: 3215'
 GL: 3195'
 SPUD DATE: 1/13/2005
 COMP DATE: 2/22/2005

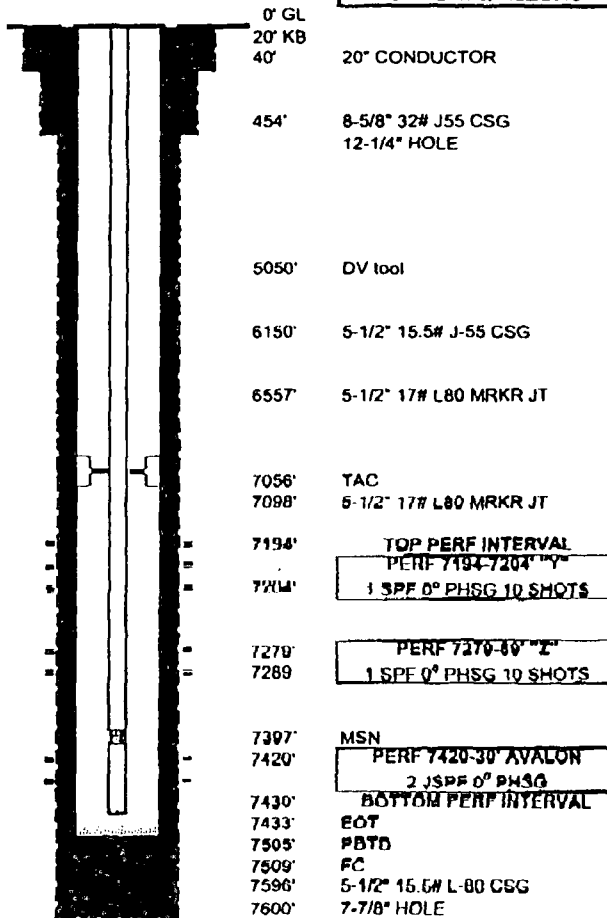
SURFACE CASING
 SIZE: 8-5/8"
 WT/GRD: 32# J-55
 CSA: 454"
 SX: 1007/200 PBCZ7/PREM+
 SX: 560 PREM+
 CIRC: Y W/O RETURNS
 TOC: SURF TOP OUT
 HOLE SIZE: 12-1/4" 0-454"

PRODUCTION CASING
 SIZE: 5-1/2" (orig csg cut & replaced)
 WT/GRD: 15.5# N80 0-5050'
 WT/GRD: 15.5# L80 8150-7596'
 CSA: 7596"
 SX: 845 PREM+
 CIRC: Y
 TOC: 3337' TS FIELD EST
 HOLE SIZE: 7-7/8" 454-7600'

TUBING DATA
 (327 JTS) 2-7/8" 8.5# J55
 2-7/8" BAKER TAC @ 7098'
 (11 JTS) 2-7/8" 8.5# J55
 MSN @ 7397'
 2-7/8" PERF SUB
 (1 JT) 2-7/8" 8.5# J55 TBQ W BP & COLLAR

RODS & PUMP DATA
 2000 1" TENARIS D RODS
 2750' 7/8" TENARIS D RODS
 2450' 3/4" TENARIS D RODS
 1-1/2" PUMP

PERFORATION DATA
 02/05 PERF 7428-30' AVALON L80 CSG W/
 18 bbls 2% KCl. BD perfs w/ 870#. Pmp spot
 acid away w/ 20 bbls 2% KCl @ 4 BPM & 800#.
 (SIP 750#. F: 154.7kg PW + 26.7k# 14/30 LITE
 PROP + 3k# 16/30 SUPER LC. FLUSH W/ 7kg
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