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? _____ 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:

Oil Conservation Division
Case No. 14552
Exhibit No. 11

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: Sr. Regulatory Clerk

SIGNATURE: Sandra J. Belt DATE: 05/18/2010

E-MAIL ADDRESS: sjbelt@basspet.com

* If the information required under Sections VI, VIII, 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. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.; Location by Section, Township, and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet' rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

(1) The name, address, phone number, and contact party for the applicant;

(2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;

(3) The formation name and depth with expected maximum injection rates and pressures; and

(4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

III. Well Data

A. 1) Lease name: **Poker Lake Unit**
Well #: **150** **30-015-31538**
Section: **6**
Township: **24S**
Range: **30E**
Footage: **760' FNL 330; FEL**

2) Casing Info:

Casing size	Set depth	Sacks cmt	Hole size	TOC	Method
8-5/8" 24# WC-50 STC/J55	600'	205	11"	Surface	Circulated
5-1/2" 15.5# J-55;17# L-80	7,549	725	7-7/8"	3673'	TS

3) Tubing to be used (size, lining material, setting depth):
2-7/8" 6.5# J-55 Seal Tite IPC tbg set @ 7050'.

4) Name, model, and depth of packer to be used:
5-1/2" Lokset Nickel Plated EXT/INT PC Pkr set @ 7050'.

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

2) The injection interval and whether it is perforated or open hole:
Interval 7082 - 7294'; Perforated

3) State if the well was drilled for injection or, if not, the original purpose of the well:
Drill & complete as an oil well in the (Delaware formation), Nash Draw (Delaware)/BS/Avalon Sand Pool

4) Give the depths of any other perforated intervals and detail on the sacks of cement or BPs used to seal off such perforations:
BP @ 7200' will be removed to open up existing perfs at 7255-7265'.

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 @ 7350'**

C-108 DATA

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 wells type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

Well Name	No.	API	Operator	Type	Location	Construction				Spud Date	Comp Date	TD	Perforations	Stimulation
						Surface Casing	Intermediate Casing	Production Casing	Tubing					
PLU	146	30-015-31007	BOPCO, LP	Producer	660 FSL & 810 FEL, Sec 31, T23S, R30E	8-5/8" @ 535' CTS, C/220 sx	NA	5-1/2" @ 7400', C/665 sx, TS 3165'	2-7/8" @ 7028'	4/12/2000	5/13/2000	7400'	5910'-7215'	500 gals 15% HCl acid w/ additives; frac w/ 58,195 gal Viking 30 + 204,226# 16/30 Brady + 46,596# CR 4000
PLU	149	30-015-31416	BOPCO, LP	Producer	600 FSL & 2310' FEL, Sec. 31, T24S,R30E	8-5/8" @ 520' TOC @ Surf w/275 sxs	NA	5-1/2" @ 7350' ToC @ 3400' calc. w/1,020 sxs	2-7/8" @ 7217'	12/15/2000	1/13/2001	7350'	7205-17210'	120 bbls 2%KCL.; Frac w/60,922 gals Viking-30 & 180,000# 16/30 Brady+60,000# CR-4000
PLU	151	30-015-31595	BOPCO, LP	Producer	510' FNL & 1980' FEL, Sec 6, T24S, R30E	8-5/8" @ 575' CTS, C/195 sx	NA	5-1/2" @ 7430', C/650 sx, TOC 3100'	2-7/8" @ 7103'	4/20/2001	7/5/2001	7430'	7226'-7236'	750 gals 7-1/2% HCl acid; frac w/ 68,069 gals Viking 30 + 190,458 BS
PLU	152	30-015-31415	BOPCO, LP	Producer	1980 FNL & 660 FEL, Sec 6, T24S, R30E	8-5/8" @ 616' CTS, C/535 sx	NA	5-1/2" @ 7450', C/720 sx, TOC 3473' TS	2-7/8" @ 7252'	5/5/2001	6/13/2001	7450'	7238'-7248'	Frac w/ 56,000 gal Viking 30 + 175,620 BS + 62,165 CR-4000
PLU	153	30-015-31432	BOPCO, LP	Producer	1830' FNL & 1980' FEL, Sec 6, T24S, R30E	16" @ 625' CTS, C/180 sx	10 3/4" @ 3578' CTS, C/2050 sx	7-5/8" @ 11,450', C/1650 sx, TOC 8193'; 5 1/2" @ 14,513', C/350 sx, TOC 11,127'	2-7/8" @ 14,135'	12/7/2000	4/12/2001	11,515'	12,838'-14,216'	2000 gal 10% HCl, 7500 gal 7-1/2% HCl & 2700 gal 15% Ferrcheck
PLU	154	30-015-31586	BOPCO, LP	Producer	660' FEL & 1980' FSL, Sec 6, T24S, R30E	8-5/8" @ 575' CTS, C/330 sx	NA	5-1/2" @ 6102', 205 sx, TOC 6100'; 3-1/2" @ 6415', 40 sx; 5 1/2" @ 7440', 400 sx, TOC 3465' TS	2-7/8" @ 7038'	6/4/2001	7/10/2001	7440'	7250'-7260'	55,800 gal Viking 30 + 174,300 16/30 BS 60,000 16/30 CR 4000
PLU	155	30-015-31687	BOPCO, LP	Producer	1980' FSL & 1980' FEL, Sec 6, T24W, R30E	8 5/8" @ 572' CTS, C/340 sx	NA	5-1/2" @ 7502', 600 sx, TOC 2977' TS	2 7/8" @ 7029'	6/19/2001	7/26/2001	7510'	6077'-7202'	Frac w/ 55,300 gal Viking 30 + 184,000# 16/30 Brady + 60,000# CR 4000; 31,553 gal BFrac 30# gel fluid & 58,896# 16/30 Ottawa & 21,077# 16/30 Super LC
PLU	161	30-015-31318	BOPCO, LP	Producer	660' FSL & 2310' FEL, Sec. 30, T23S,R30E	8-5/8" @ 518' w/290 sxs; TOC @ Surf	NA	5-1/2" @ 7370' w/1,082 sxs; TOC @ 3538; TS	2-7/8" @ 5,887'	9/7/2001	10/12/2001	7374'	7166-7176'	7-1/2% NEFE HCL BD perfs @ 1110#, 304 g Lightning 2500+2K# 17/20 Ldegrop+69k# 16/30 Ottawa + 24k# 16/30 CR 4000
PLU	162	30-015-35572	BOPCO, LP	Producer	660' FNL 1855' FWL, Sec. 6, T24S, R30E	8 5/8" @ 680' w/680 sxs; TOC @ Surf	NA	5-1/2" @ 7407', 1,790 sxs, TOC @ Surface	2-7/8" @ 7360'	3/6/2008	4/28/2008	7410'	6030-7345'	500 gals 7-1/2% NEFE HCL from 7345-6845'; 500 gals 7-1/2% NEFE HCL acid from 7324-7345
PLU	163O	30-015-34183	BOPCO, LP	Producer	1980' FNL & 2360' FWL, Sec 6, T24S, R30E	8 5/8" @ 800' CTS, C/525 sx, TOC @ Surf	NA	5-1/2" @ 7534', 1095 sxs, TOC 3010' (TS)	2-7/8" @ 7404'	3/4/2006	4/20/2006	7535'	6742'-7385'	Frac w/ 29,874 gal Lightning 2500 + linked gel, 67,102# 16/30 Ottawa & 19,335 16/30 Super LC; 123,119 gal PW + 10,012# 14/30 Lite Prop; 122,839 gal PW + 9,966# 14/30 Lite Prop
PLU	165	30-015-31334	BOPCO, LP	Producer	560' FSL & 330' FWL, Sec. 32, T23S, R30E	8 5/8" @ 562' w/300 sks; TOC @ Surf	NA	5-1/2" @ 7550' w/790 sxs, TOC @ 3475 (TS)	2-7/8" @ 7299'	3/22/2001	4/13/2001	7550'	7258-7268'	500 gals 15% HCL acid; Frac w/ 71,151 gals Viking 30+201,400# 16/30 Brady sd, 65,882 16/30 CR 4000
PLU	166	30-015-31595	BOPCO, LP	Producer	660' FNL & 660' FWL, Sec 5, T24S, R30E	8-5/8" @ 575' CTS, C/325 sx	NA	5-1/2" @ 7462', C/630 sx, TOC 3879' TS	2-7/8" @ 7090'	5/21/2001	6/21/2001	7465'	7280'-7290'	Frac w/ 52,000 gal V-30 + 165,000# BS + 60,000 CR-4000
PLU	167	30-015-31596	BOPCO, LP	Producer	1980' FNL & 660' FWL, Sec 5, T24S, R30E	8 5/8" @ 460' CTS, C/305 sx	NA	5 1/2" @ 7459', 750 sx, TOC 3378' TS	2-7/8" @ 6613'	4/10/2003	5/21/2003	7360'	6810'-7290'	Frac w/ 64,069 gal V-30 + 175,882# Ottawa Sand + 62,796 16/30 CR-4000 & frac w/ 18,571 gal V-30 + 45,175# Ottawa + 18,520# 16/30 CR-4000
PLU	184	30-015-31990	BOPCO, LP	Producer	1700' FNL & 1850' FEL, Sec. 6, T-24S, R30E	8-5/8" @ 827' w/550 sxs, TOC @ Surf	NA	5-1/2" @ 7470' w/700 sxs, TOC @ 3365' (TS)	2-7/8" @ 7314'	2/15/2003	3/13/2003	7470'	7256-7266'	750 gals 7-1/2% PBL Inhibitor NEFE HCL; Frac w/100 bkg Viking 3000, 274.4k# 16/30 Ottawa Sand 75k# 16/30 CR-4000

LEASE: POKER LAKE UNIT WELL #: 150

FIELD: NASH DRAW DELAWARE

LOCATION: 760' FNL & 810 FEL, SEC 6, T24S, R30E

COUNTY: EDDY ST: NM API: 30-015-31538

PROPOSED

KB: 3279'
GL: 3265'
SPUD DATE: 4/8/2001
COMP DATE: 5/1/2001

SURFACE CASING

SIZE:	8-5/8"	
WT/GRD:	24# WC50	0-516'
WT/GRD:	24# J55	516-600'
CSA:	600'	
SX:	205	PERM/PREM+
CIRC:	Y	
TOC:	SURF	
HOLE SIZE:	11"	600'

PRODUCTION CASING

SIZE:	5-1/2"	
WT/GRD:	15.5# J55	0-6263'
WT/GRD:	17# L80	6263-7549'
CSA:	7,549	
SX:	725	PREM+
CIRC:	Y	
TOC:	3673'	TS
HOLE SIZE:	7-7/8"	600-7550'

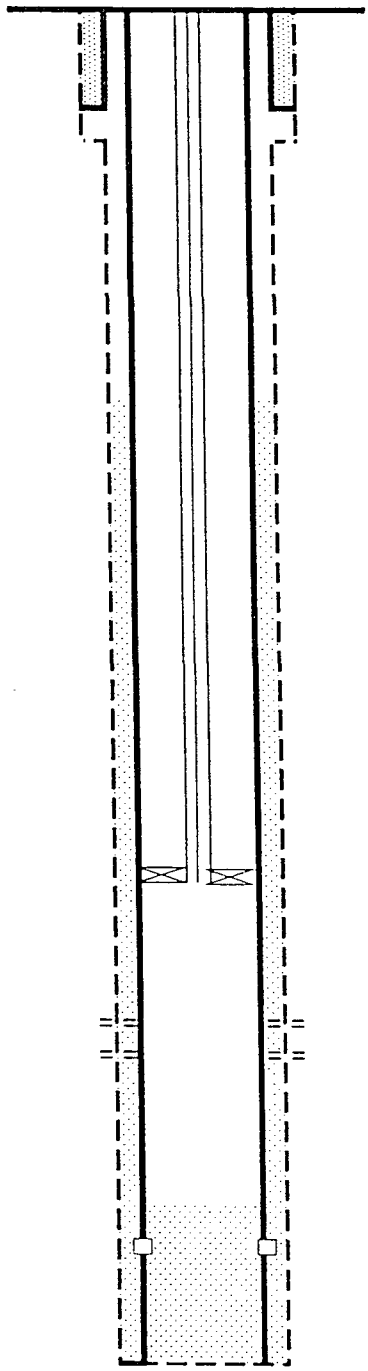
TUBING DATA

2-7/8" J-55 Seal Tite IPC tbg set @ 7050'

5-1/2" Lokset Nickel Plated EXT/INT PC Pkr set @ 7050'

PERFORATION DATA

04/01 PERF LBC 7255-65' F:52.3kg Viking 30+166k# 16/30 Brady sd+55k# 16/30 RCS.



14' GL
0' KB

3673' TOC (TS)

7050' - EOT & Packer

7255'
7265'
INJ PERFS 7255-65' LBC
20 SHOTS

7468' PBTD (TAGGED)
7462' FC

7549' 5-1/2" 17# L80 CSG
7550' 7-7/8" HOLE

PBTD: 7468'
TD: 7550'

Updated: 4/21/2010
Author: crm
Engr: CCC

Downhole Profile - Vertical Wel

BOPCO, L.P. - st Texas

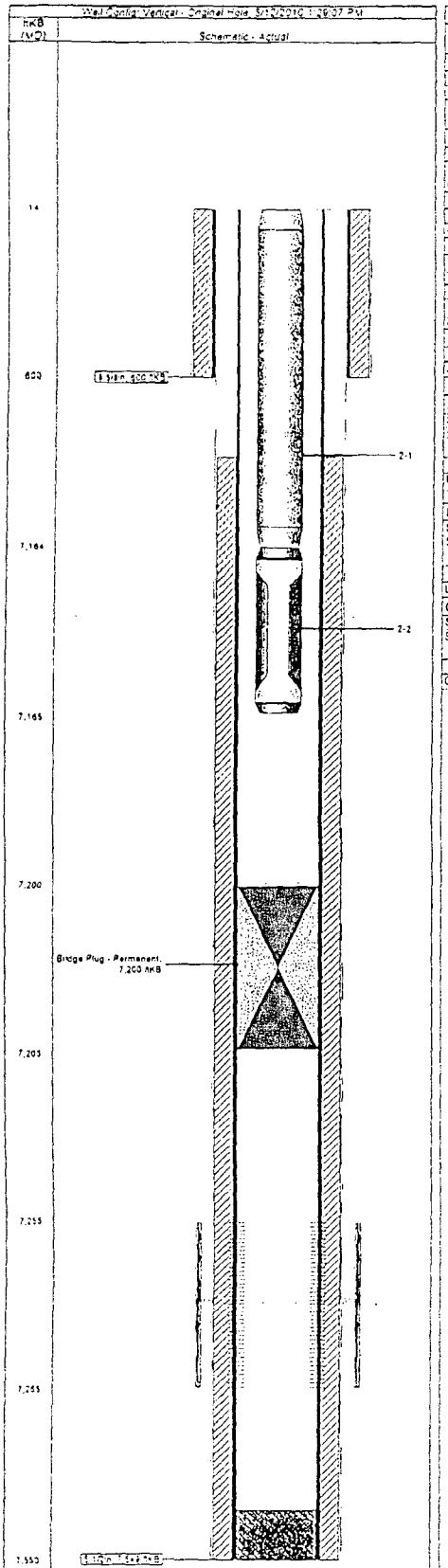
Well ID: 30-015-31538

Well Name: Poker Lake Unit #150

Field: Nash Draw - Delaware

Sect: 6 Town: 24S Rng: 30E County: Eddy State: New Mexico

Surface Location: 760' FNL & 810' FEL



Well Information

Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)	Spud Date	On Production Date
3,279.00	3,265.00	14.00	4/8/2001	5/4/2001

Wellbores

Wellbore Name: Original Hole — Kick Off Depth (ftKB):

Size (in)	Act Top (ftKB)	Act Btm (ftKB)
17 1/2	14.0	600.0
7 7/8	600.0	7,550.0

Casing Strings

Casing Description	Wellbore	OD (in)	Wt (lb/ft)	Grade	Top Thread	Set @ (ftKB)
Surface	Original Hole	8 5/8	24.00	J-55		600.0
Production	Original Hole	5 1/2	15.50	J-55		7,549.0

Perforations

Perf Date	Top (ftKB)	Btm (ftKB)	Zone	Current Status
4/25/2001	7,255.0	7,265.0	Lower Brushy Canyon, Original Hole	Open - TA (7255 - 7265)

Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	3/26/2010	7,151.00	7,165.0

No.	Item Description	Jts	OD (in)	Wt (lb/ft)	Grade	Top (ftKB)
2-1	2-7/8" 6.5 ppt J-55 8RD Tubing	225	2 7/8	6.50	J-55	14.00
2-2	2 7/8" Mechanical Seating Nipple	1	2 7/8			7,164.00

Other Downhole Equipment

Run Date	Description	OD (in)	Top (ftKB)	Btm (ftKB)
3/26/2010	Bridge Plug - Permanent	4.9	7,200.0	7,203.0

Cement

Surface Casing Cement, 4/8/2001

String: Surface, 600.0ftKB — Cement Evaluation Results:

Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Cmnt Rtrn (bbl)	Top Measurement Method
1	14.0	600.0	10.0	Volume Calculations

Fluid	Amount (sacks)	Class	Density (lb/gal)	Yield (ft³/sack)
Lead	100		12.80	1.67
Tail	105		14.80	1.35

Production Casing Cement, 4/19/2001

String: Production, 7,549.0ftKB — Cement Evaluation Results:

Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Cmnt Rtrn (bbl)	Top Measurement Method
1	3,673.0	7,550.0	0.0	Volume Calculations

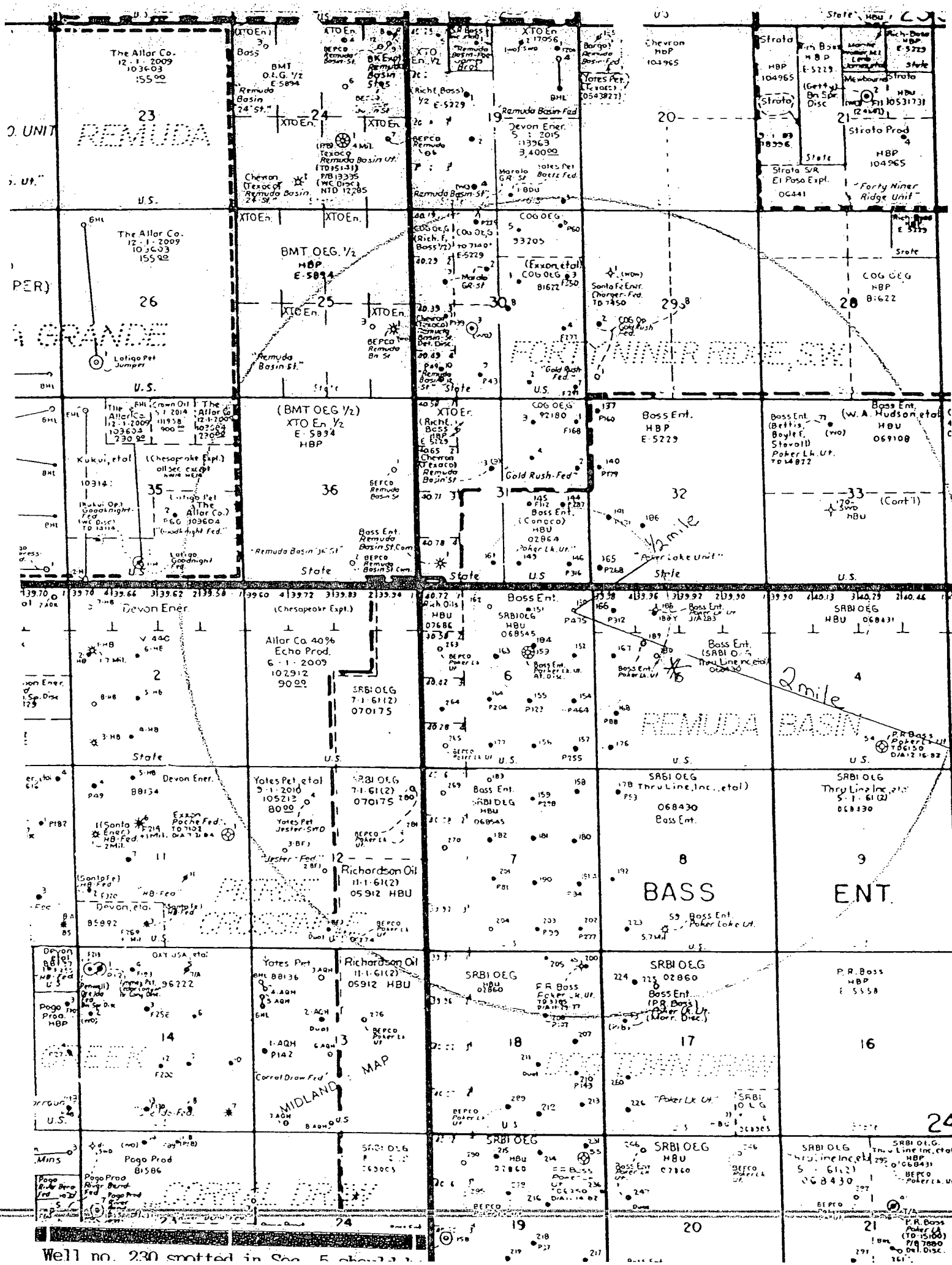
Fluid	Amount (sacks)	Class	Density (lb/gal)	Yield (ft³/sack)
Lead	725		14.50	1.39

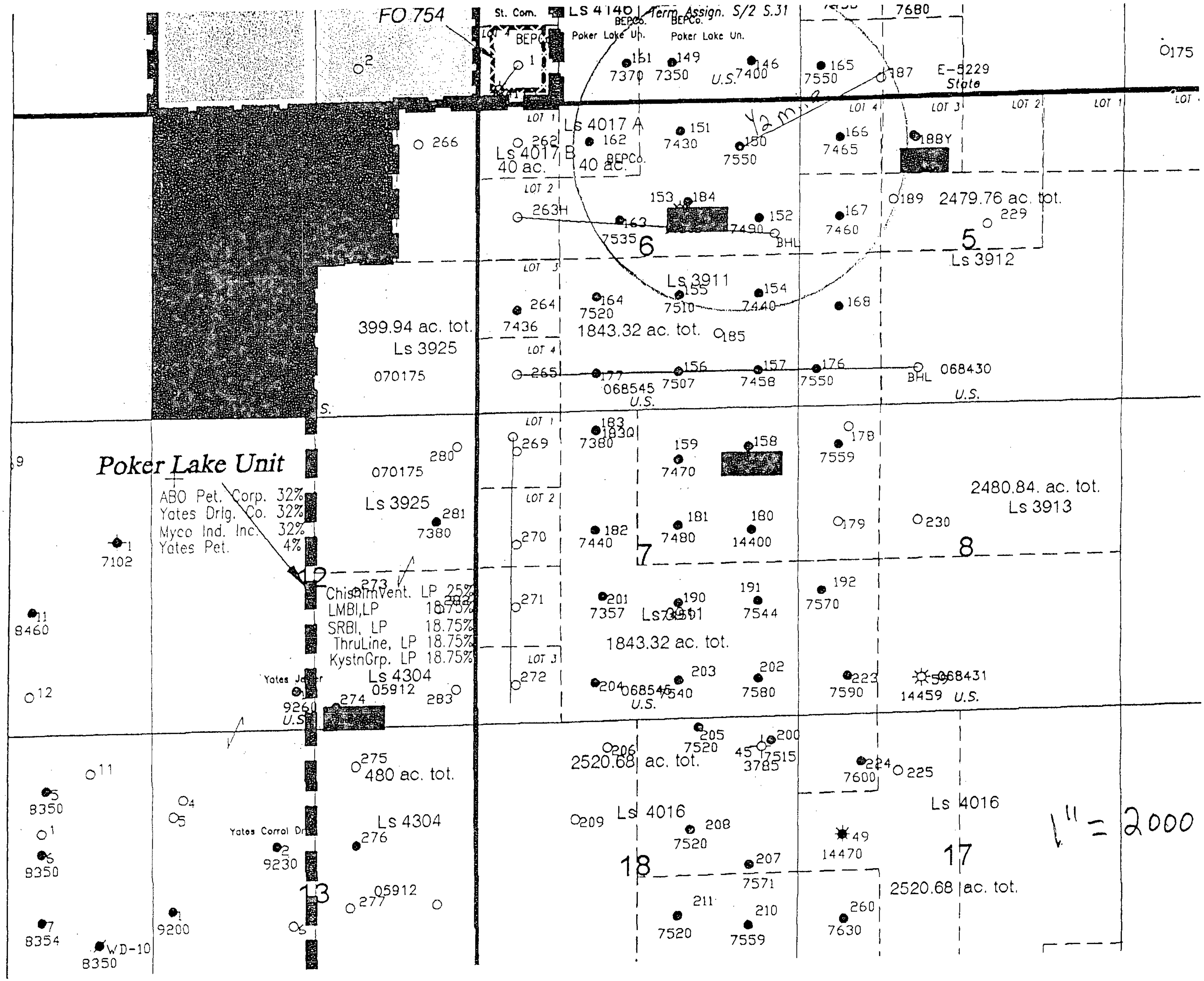
Cement Plug, 4/19/2001

String: Production, 7,549.0ftKB — Cement Evaluation Results:

Stage Number	Stage Top (ftKB)	Stage Bottom (ftKB)	Cmnt Rtrn (bbl)	Top Measurement Method
1	7,468.0	7,550.0		Volume Calculations

Fluid	Amount (sacks)	Class	Density (lb/gal)	Yield (ft³/sack)
Cement Plug	25			


REMUDA
GRANDE
FORTY NINER RIDGE UNIT
REMUDA BASIN
BASS ENT.
MIDLAND MAP
Well no. 230 spotted in Sec. 5


FO 754
St. Com.
LS 4140 Term Assign. S/2 S.31
BEPCo. Poker Lake Un.
E-5229 State
Ls 4017 A
Ls 4017 B
40 ac.
BEPCo.
2479.76 ac. tot.
Ls 3912
Ls 3911
1843.32 ac. tot.
399.94 ac. tot.
Ls 3925
070175
068545 U.S.
068430 U.S.
2480.84. ac. tot.
Ls 3913
Poker Lake Unit
ABO Pet. Corp. 32%
Yates Drlg. Co. 32%
Myco Ind. Inc. 32%
Yates Pet. 4%
Chisholm Vent. LP 25%
LMBI, LP 18.75%
SRBI, LP 18.75%
ThruLine, LP 18.75%
KystnGrp. LP 18.75%
Ls 4304
05912
480 ac. tot.
068431 U.S.
2520.68 ac. tot.
Ls 4016
Yates Corral Dr
1" = 2000

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 **$57.35** 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 #150 (Delaware Formation). The maximum injection pressure will be 1416 psi and the maximum rate will be 2,500 bbls produced water/day. The proposed disposal well is located 7 miles northeast of Malaga, New Mexico in Section 36, T24S, R30E, Eddy County, New Mexico. The produced salt water will be disposed at a subsurface depth of 7,082 -7,349'.

Any questions concerning this application should be directed to Sandra Belt, Regulatory Clerk, 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