

# HARGROVE, SMELLEY, STRICKLAND & LANGLEY

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401 MARKET STREET  
SHREVEPORT, LOUISIANA 71101-3239

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OF COUNSEL  
WILLIAM G. CONLY

February 16, 2009

Honorable James H. Welsh  
Commissioner of Conservation  
State of Louisiana  
Post Office Box 44275  
Baton Rouge, Louisiana 70804-4275

Re: APPLICATION FOR PUBLIC HEARING

Hodge-Hunt Sand; Bain Sand, Reservoir C; Brown-Ozley Sand; Lower Hosston A Zone, Reservoir A; Hosston B Zone, Reservoir B; and Hosston C Zone, Reservoir A; BEAR CREEK FIELD, Bienville Parish, Louisiana.

Dear Sir:

EL PASO E&P COMPANY, L.P. ("Applicant"), hereby respectfully applies for a public hearing to consider evidence relative to the issuance of Orders pertaining to the following matters relating to the Hodge-Hunt Sand; Bain Sand, Reservoir C; Brown-Ozley Sand; Lower Hosston A Zone, Reservoir A; Hosston B Zone, Reservoir B; and to the Hosston C Zone, Reservoir A; all in the Bear Creek Field, Bienville Parish, Louisiana:

Lower Hosston A Zone, Reservoir A  
and Hosston C Zone, Reservoir A

1. To create one (1) additional drilling and production unit each for the exploration for and production of gas and condensate from the Lower Hosston A Zone, Reservoir A, and from the Hosston C Zone, Reservoir A, such units being shown on attached plats and being designated L HOSS A RA SUJ and HOSS C RA SUX.
2. To force pool and integrate all separately owned tracts, mineral leases and other property interests within each of the proposed additional units with each separate tract sharing in unit production on a surface acreage basis of participation.
3. To designate an operator of, and unit well for, each of the proposed additional units as may be appropriate.

4. To redefine the Lower Hosston A Zone, Reservoir A, insofar and only insofar as to the proposed additional unit L HOSS A RA SUJ, as being that gas and condensate bearing interval encountered between the measured depths of 7,872 feet and 8,717 feet in the El Paso E&P Company, L.P.--JL Jordan No. 5 Well, located in Section 29, Township 17 North, Range 5 West, Bienville Parish, Louisiana.

5. To extend, except as in conflict herewith, the provisions of Office of Conservation Order No. 78-AA, effective January 8, 1991, as supplemented and amended by the Order No. 78-AA series of Orders, to the proposed additional unit for the Lower Hosston A Zone, Reservoir A.

6. To extend, except as in conflict herewith, the provisions of Office of Conservation Order No. 78-Y, effective September 11, 1980, as amended and supplemented by the Order No. 78-Y series of Orders, to the proposed additional unit for the Hosston C Zone, Reservoir A.

The Lower Hosston A Zone, Reservoir A, in the Bear Creek Field, Bienville Parish, Louisiana, was defined in Office of Conservation Order No. 78-AA, effective January 8, 1991.

The Hosston C Zone, Reservoir A, in the Bear Creek Field, Bienville Parish, Louisiana, was defined in Office of Conservation Order No. 78-Y, effective September 11, 1980.

Hodge-Hunt Sand and  
Brown-Ozley Sand

1. To permit Applicant to drill, designate and utilize its Barnes 32 No. 1 Well as the substitute unit well for H-H SUD and as the substitute unit well for BR-OZ SUD, at the location shown on attached plats, in exception to the spacing provisions of Office of Conservation Order No. 78, effective February 9, 1944 (applicable to the Hodge-Hunt Sand), and of the Office of Conservation Order No. 78-D series of Orders (applicable to the Brown-Ozley Sand).

2. To find that a substitute unit well for H-H SUD and for BR-OZ SUD is necessary to effectively and efficiently drain a portion of the Hodge-Hunt Sand underlying H-H SUD, and a portion of the Brown-Ozley Sand underlying BR-OZ SUD, which cannot be effectively and efficiently drained by any existing wells within these units.

The Hodge-Hunt Sand in the Bear Creek Field, Bienville Parish, Louisiana, was defined in Office of Conservation Order No. 78, effective February 9, 1944, as the Hosston Formation (restricted) and was subsequently renamed the Hodge-Hunt Sand.

The Brown-Ozley Sand in the Bear Creek Field, Bienville Parish, Louisiana, was defined in Office of Conservation Order No. 78-D, effective February 20, 1952.

Bain Sand, Reservoir C, and  
Hosston B Zone, Reservoir B

1. To permit Applicant to drill, designate and utilize its Barnes 32 No. 1 Well as an alternate unit well for BAIN RC SUD and as an additional alternate unit well for HOSS B RB SUA, at the location shown on attached plats.

2. To find that an alternate unit well for BAIN RC SUD, and an additional alternate unit well for HOSS B RB SUA, is necessary to efficiently and economically drain a portion of the Bain Sand, Reservoir C, underlying BAIN RC SUD, and a portion of the Hosston B Zone, Reservoir B, underlying HOSS B RB SUA, which cannot be efficiently and economically drained by any existing wells within these units.

3. To permit the operator of BAIN RC SUD, and of HOSS B RB SUA, to produce the unit allowables from either the unit well, from any alternate unit well, or from a combination of such wells, at the option of the operator.

The Bain Sand, Reservoir C, in the Bear Creek Field, Bienville Parish, Louisiana, was initially defined in Office of Conservation Order No. 78-J-2, effective October 3, 2000, and was further defined in Office of Conservation Order No. 78-J-3, effective June 17, 2003.

The Hosston B Zone, Reservoir B, in the Bear Creek Field, Bienville Parish, Louisiana, was initially defined in Office of Conservation Order No. 78-Q-10, effective December 9, 1986, and was redefined in Office of Conservation Order No. 78-Q-22, effective March 28, 1990.

All Intervals

1. To approve the downhole combination of production from the Hodge-Hunt Sand underlying H-H SUD, from the Bain Sand, Reservoir C, underlying BAIN RC SUD, from the Brown-Ozley Sand underlying BR-OZ SUD, from the Lower Hosston A Zone, Reservoir A, underlying L HOSS A RA SUJ, from the Hosston B Zone, Reservoir B, underlying HOSS B RB SUA, and from the Hosston C Zone, Reservoir A, underlying HOSS C RA SUX, or from any combination thereof, in any well located on these units in which the ownership interests in the units from which production is combined downhole are identical.

2. To discuss such other matters as may be pertinent to the proposals for any of these intervals.

Pertinent data concerning this application will be available for inspection at the offices of Louis Gilbert & Associates, Inc., 3636 North Causeway Boulevard, Suite 204, Metairie, Louisiana 70002-7216. Any person wishing to inspect such data should call Mr. Louis Gilbert at (504) 834-8112 during normal business hours in order to arrange a date and time for such inspection.

Honorable James H. Welsh  
February 16, 2009  
Page 4

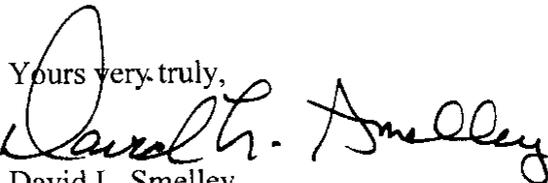
A copy of any such pertinent data which is not otherwise available from the records of the Louisiana Office of Conservation can be obtained from Mr. Gilbert at the expense of the requesting party.

By letter dated February 2, 2009, Applicant gave notice, in accordance with the Revised Rules of Procedure, of its intention to apply for a public hearing concerning these proposals and a pre-application conference with respect to Applicant's proposals was tentatively scheduled for February 27, 2009. No request for the pre-application conference was received within the delays provided for in the Rules of Procedure; therefore, no conference will be held.

Attached hereto are the six (6) plats referred to above (which are identical to the plats attached to the pre-application notice). Also attached hereto is a list of the names and addresses of all Interested Owners, Represented Parties and Interested Parties to whom a copy of this application is being sent. Pursuant to the Revised Rules of Procedure, such list is being forwarded only to the Commissioner of Conservation and to the District Manager of the Shreveport District of the Office of Conservation. A copy of the list will be furnished by the undersigned to any party so requesting. A reasonable effort was made to obtain a complete list of Interested Owners, Represented Parties and Interested Parties.

Applicant will provide for posting of a copy of the Legal Notice of this hearing and the enclosed plats at a prominent place in the area affected and will cause publication of the Legal Notice in a newspaper published in the general area of Bear Creek Field, all in accordance with the Revised Rules of Procedure. Furthermore, a copy of the Legal Notice will be mailed to all Interested Owners, Represented Parties and Interested Parties promptly upon receipt of the Legal Notice from the Commissioner.

Finally, we enclose our check payable to the Commissioner of Conservation for the application fee.

Yours very truly,  


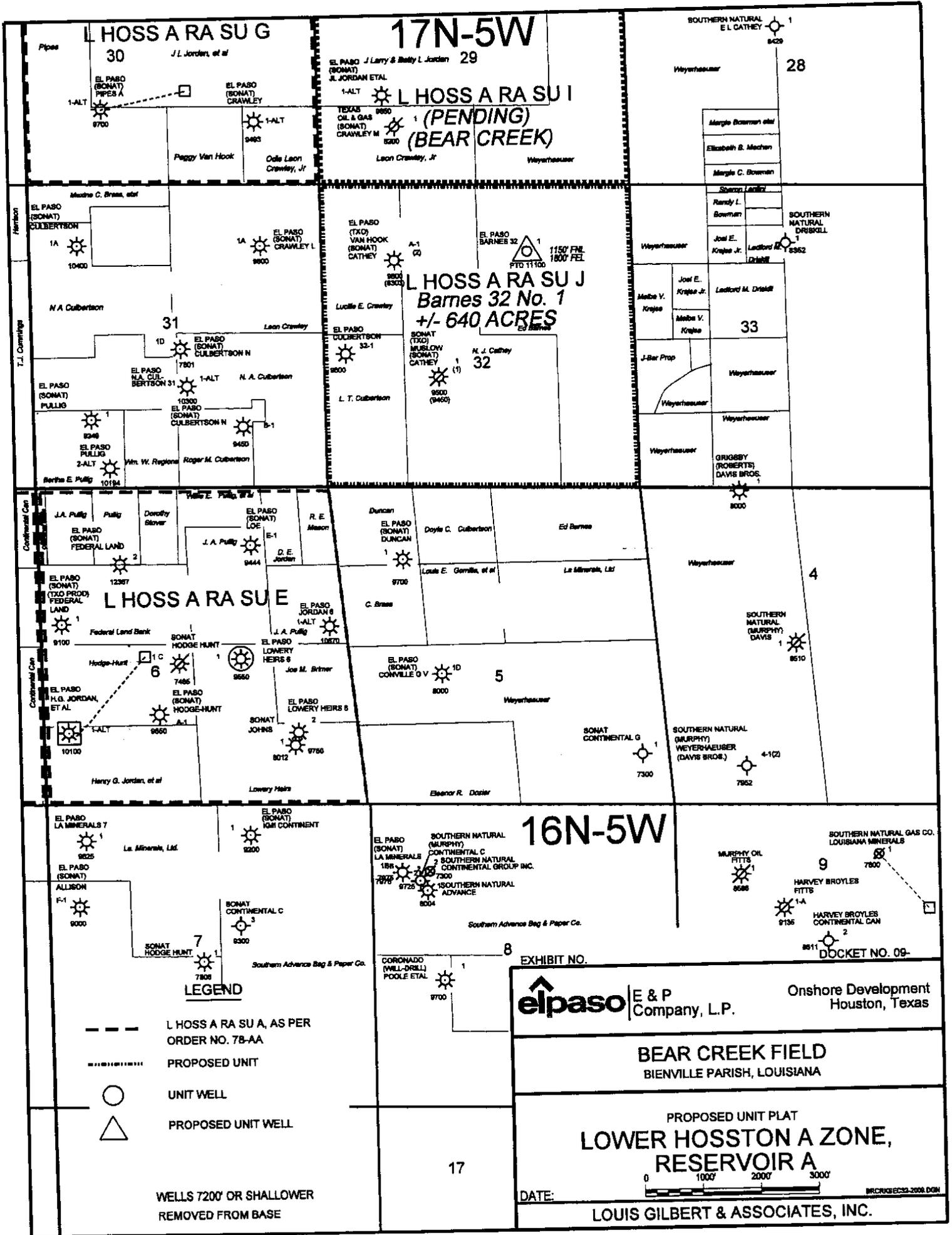
David L. Smelley  
Attorney for El Paso E&P Company, L.P.

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DLS:dp

Enclosures

cc: Mr. James C. Broussard (w/encls.)  
Ms. Sheridan Jones (w/encls.)  
Mr. Louis Gilbert (w/encls.)  
Mr. David McDonald (w/encls.)  
Interested Owners, Represented  
Parties and Interested Parties (w/plats only)



**L HOSS A RA SU G**

**17N-5W**

**SOUTHERN NATURAL EL GATHEY 1**

**L HOSS A RA SU I (PENDING) (BEAR CREEK)**

**L HOSS A RA SU J Barnes 32 No. 1 +/- 640 ACRES**

**L HOSS A RA SU E**

**16N-5W**

- LEGEND**
- L HOSS A RA SU A, AS PER ORDER NO. 78-AA
  - PROPOSED UNIT
  - UNIT WELL
  - △ PROPOSED UNIT WELL
  - WELLS 7200' OR SHALLOWER REMOVED FROM BASE

**EXHIBIT NO. 17**

**el paso** E & P Company, L.P. Onshore Development Houston, Texas

**BEAR CREEK FIELD**  
BIENVILLE PARISH, LOUISIANA

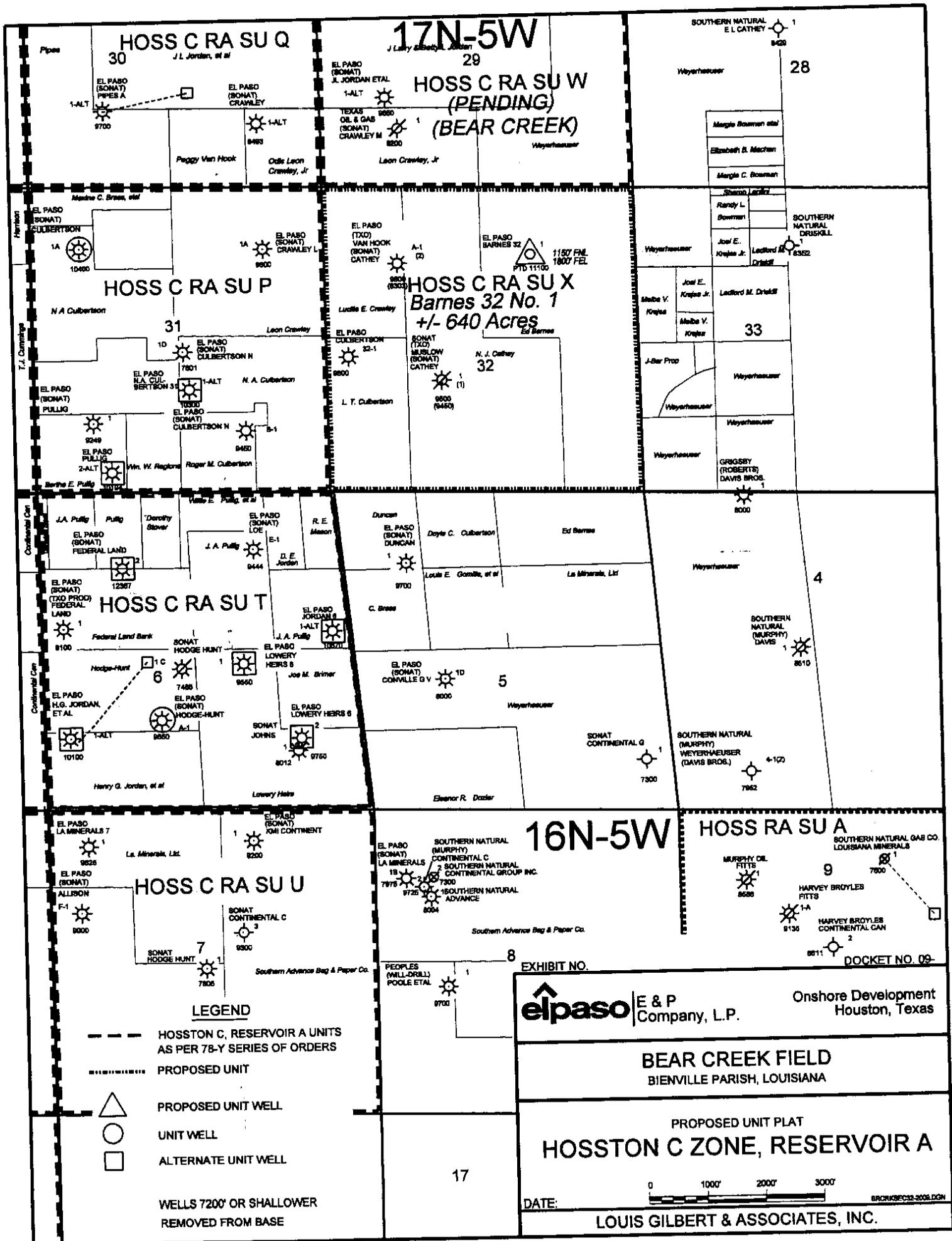
PROPOSED UNIT PLAT  
**LOWER HOSSTON A ZONE, RESERVOIR A**

DATE: \_\_\_\_\_

0 1000' 2000' 3000'

BRCKRS/EC33-2000.DGN

**LOUIS GILBERT & ASSOCIATES, INC.**



HOSS C RA SU Q  
30  
J.L. Jordan, et al

17N-5W  
29

HOSS C RA SU W  
(PENDING)  
(BEAR CREEK)

SOUTHERN NATURAL  
E.L. CATHEY  
1  
8420

28

HOSS C RA SU P  
31

HOSS C RA SU X  
Barnes 32 No. 1  
+/- 640 Acres  
Ed Barnes

33

HOSS C RA SU T  
32

16N-5W

HOSS RA SU A

HOSS C RA SU U  
33

EXHIBIT NO.

DOCKET NO. 09-

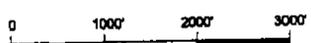
**LEGEND**

- HOSSTON C, RESERVOIR A UNITS AS PER 78-Y SERIES OF ORDERS
- ..... PROPOSED UNIT
- △ PROPOSED UNIT WELL
- UNIT WELL
- ALTERNATE UNIT WELL
- WELLS 7200' OR SHALLOWER REMOVED FROM BASE

**elpaso** | E & P Company, L.P. Onshore Development Houston, Texas

**BEAR CREEK FIELD**  
BIENVILLE PARISH, LOUISIANA

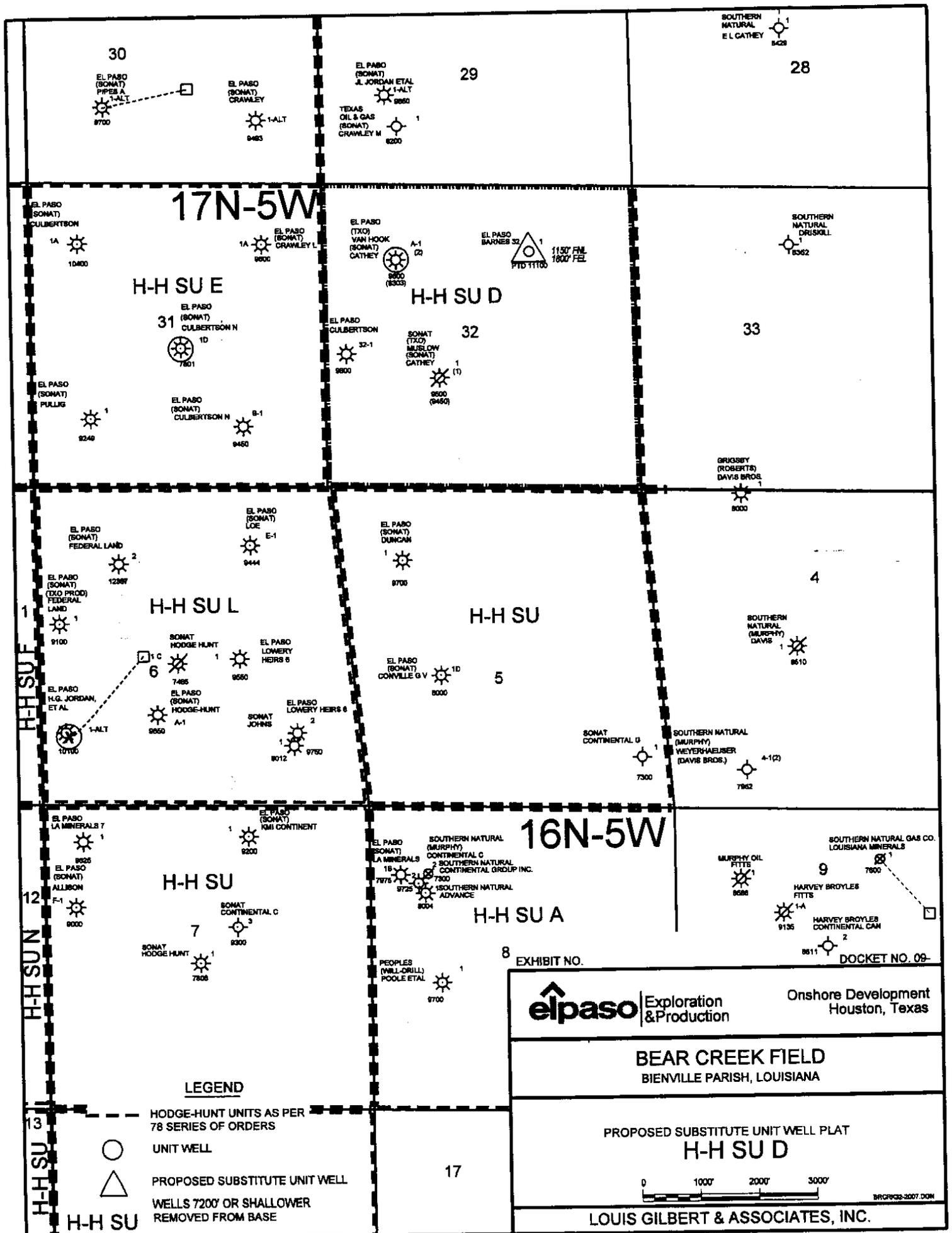
PROPOSED UNIT PLAT  
**HOSSTON C ZONE, RESERVOIR A**



DATE:

LOUIS GILBERT & ASSOCIATES, INC.

BRCKUS2C33-2008.DGN



17N-5W

H-H SU E

H-H SU D

H-H SU L

H-H SU

16N-5W

H-H SU

H-H SU A

**LEGEND**



- HODGE-HUNT UNITS AS PER 78 SERIES OF ORDERS
- UNIT WELL
- PROPOSED SUBSTITUTE UNIT WELL
- WELLS 7200' OR SHALLOWER REMOVED FROM BASE

8 EXHIBIT NO. DOCKET NO. 09-

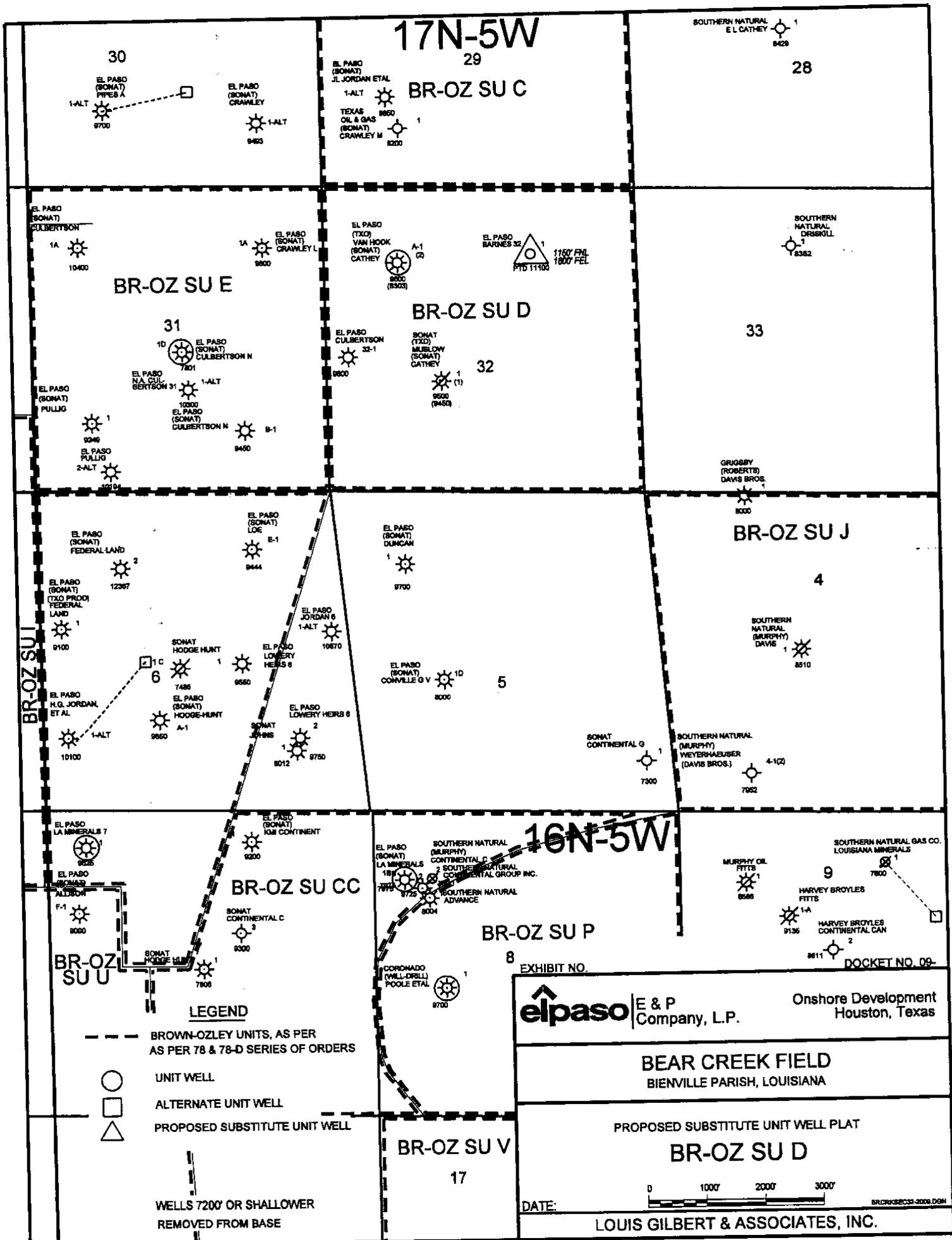
**el paso** Exploration & Production Onshore Development Houston, Texas

**BEAR CREEK FIELD**  
BIENVILLE PARISH, LOUISIANA

PROPOSED SUBSTITUTE UNIT WELL PLAT  
**H-H SU D**



LOUIS GILBERT & ASSOCIATES, INC.



17N-5W

29 BR-OZ SU C

30

28

BR-OZ SU E

BR-OZ SU D

31

32

33

BR-OZ SU J

4

BR-OZ SU I

16N-5W

BR-OZ SU CC

BR-OZ SU P

BR-OZ SU U

BR-OZ SU V

17

**LEGEND**

- BROWN-OZLEY UNITS, AS PER AS PER 78 & 78-D SERIES OF ORDERS
- UNIT WELL
- ALTERNATE UNIT WELL
- △ PROPOSED SUBSTITUTE UNIT WELL
- WELLS 7200' OR SHALLOWER REMOVED FROM BASE

8 EXHIBIT NO.

**elpaso** | E & P Company, L.P. Onshore Development Houston, Texas

**BEAR CREEK FIELD**  
BIENVILLE PARISH, LOUISIANA

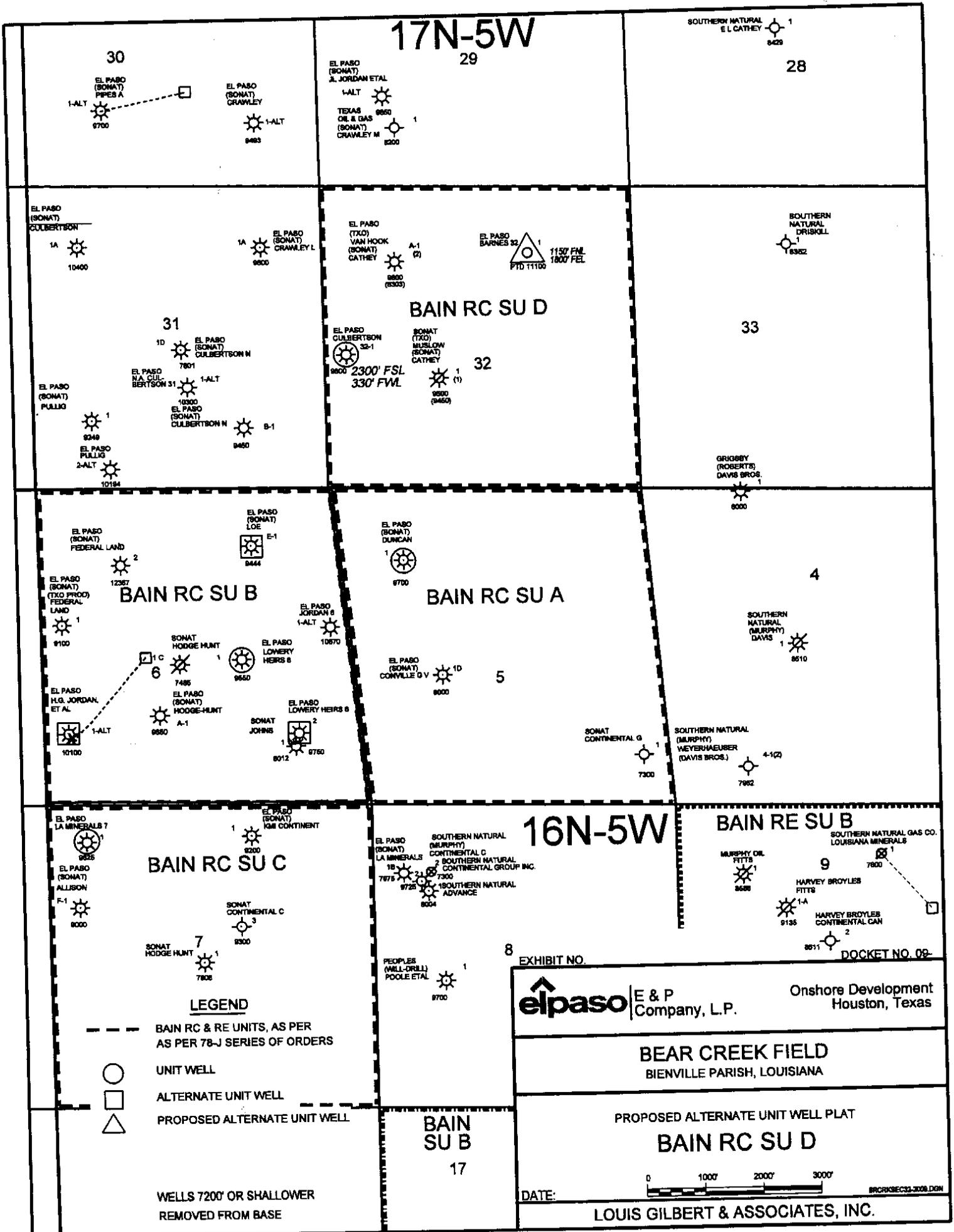
PROPOSED SUBSTITUTE UNIT WELL PLAT  
**BR-OZ SU D**

DATE: \_\_\_\_\_

0 1000' 2000' 3000'

BR-CR-33-2009.DWG

LOUIS GILBERT & ASSOCIATES, INC.



17N-5W  
29

SOUTHERN NATURAL  
E.L. CATHEY 1  
9429  
28

30

EL PASO (SONAT) PIPES A  
1-ALT 9700  
EL PASO (SONAT) CRAWLEY  
9483 1-ALT

EL PASO (SONAT) J. JORDAN ETAL  
1-ALT 9850  
TEXAS OIL & GAS (SONAT) CRAWLEY M 1  
9200

EL PASO (SONAT) COLBERTSON  
1A 10400  
EL PASO (SONAT) CRAWLEY L  
1A 9800

EL PASO (TXO) VAN HOOK (SONAT) CATHEY  
A-1 (2) 9800 (9335)  
EL PASO BARNES 32  
1 1150' FVL  
P1D T1100  
1800' FEL

SOUTHERN NATURAL DRISKOLL  
1 9302

BAIN RC SU D

33

31

EL PASO (SONAT) PULLIG  
1 9349  
EL PASO PULLIG  
2-ALT 10184  
EL PASO (SONAT) COLBERTSON N  
1D 7801  
EL PASO (SONAT) COLBERTSON N  
1-ALT 10000  
EL PASO (SONAT) COLBERTSON N  
8-1 9450

EL PASO (SONAT) COLBERTSON  
32-1 9800  
SONAT MUSLOW (SONAT) CATHEY  
1 (1) 9500 (9450)  
2300' FSL  
330' FVL

GRIFFSBY (ROBERTS) DAVIS BROS.  
1 9000

BAIN RC SU B

BAIN RC SU A

4

EL PASO (SONAT) FEDERAL LAND  
2 12367  
EL PASO (SONAT) FEDERAL LAND  
1 9100  
SONAT HODGE HUNT  
1 7485  
EL PASO (SONAT) HODGE-HUNT  
A-1 9880  
EL PASO (SONAT) FEDERAL LAND  
1 10100  
EL PASO (SONAT) FEDERAL LAND  
E-1 9444  
EL PASO (SONAT) FEDERAL LAND  
1-ALT 10570  
EL PASO LOWERY HEIRS B  
1 9650  
SONAT JOHNS  
1 8012  
EL PASO LOWERY HEIRS B  
2 9750

EL PASO (SONAT) DUNCAN  
1 9700  
EL PASO (SONAT) CONVILLE Q V  
10 9000

SOUTHERN NATURAL (MURPHY) DAVIS  
1 8510  
SONAT CONTINENTAL G  
1 7300  
SOUTHERN NATURAL (MURPHY) WEYERHAEUSER (DAVIS BROS.)  
4-1/2 7982

16N-5W

BAIN RE SU B

EL PASO LA MINERALS 7  
9825  
EL PASO (SONAT) ALLISON  
F-1 9000  
SONAT CONTINENTAL C  
3 9300  
SONAT HODGE HUNT  
7 7808

EL PASO (SONAT) LA MINERALS  
1B 7775  
SOUTHERN NATURAL (MURPHY) CONTINENTAL G  
2 7300  
SOUTHERN NATURAL CONTINENTAL GROUP INC.  
1 9725  
SOUTHERN NATURAL ADVANCE  
1 9004  
PEOPLES (MILL-DRILL) POOLE ETAL  
1 9700

MURPHY OIL FITTS  
1 9588  
SOUTHERN NATURAL GAS CO. LOUISIANA MINERALS  
1 7800  
HARVEY BROYLES FITTS  
1-1A 9135  
HARVEY BROYLES CONTINENTAL CAN  
2 8811

**LEGEND**  
 --- BAIN RC & RE UNITS, AS PER AS PER 78-J SERIES OF ORDERS  
 ○ UNIT WELL  
 □ ALTERNATE UNIT WELL  
 △ PROPOSED ALTERNATE UNIT WELL  
 WELLS 7200' OR SHALLOWER REMOVED FROM BASE

BAIN SU B  
17

8 EXHIBIT NO. DOCKET NO. 09-

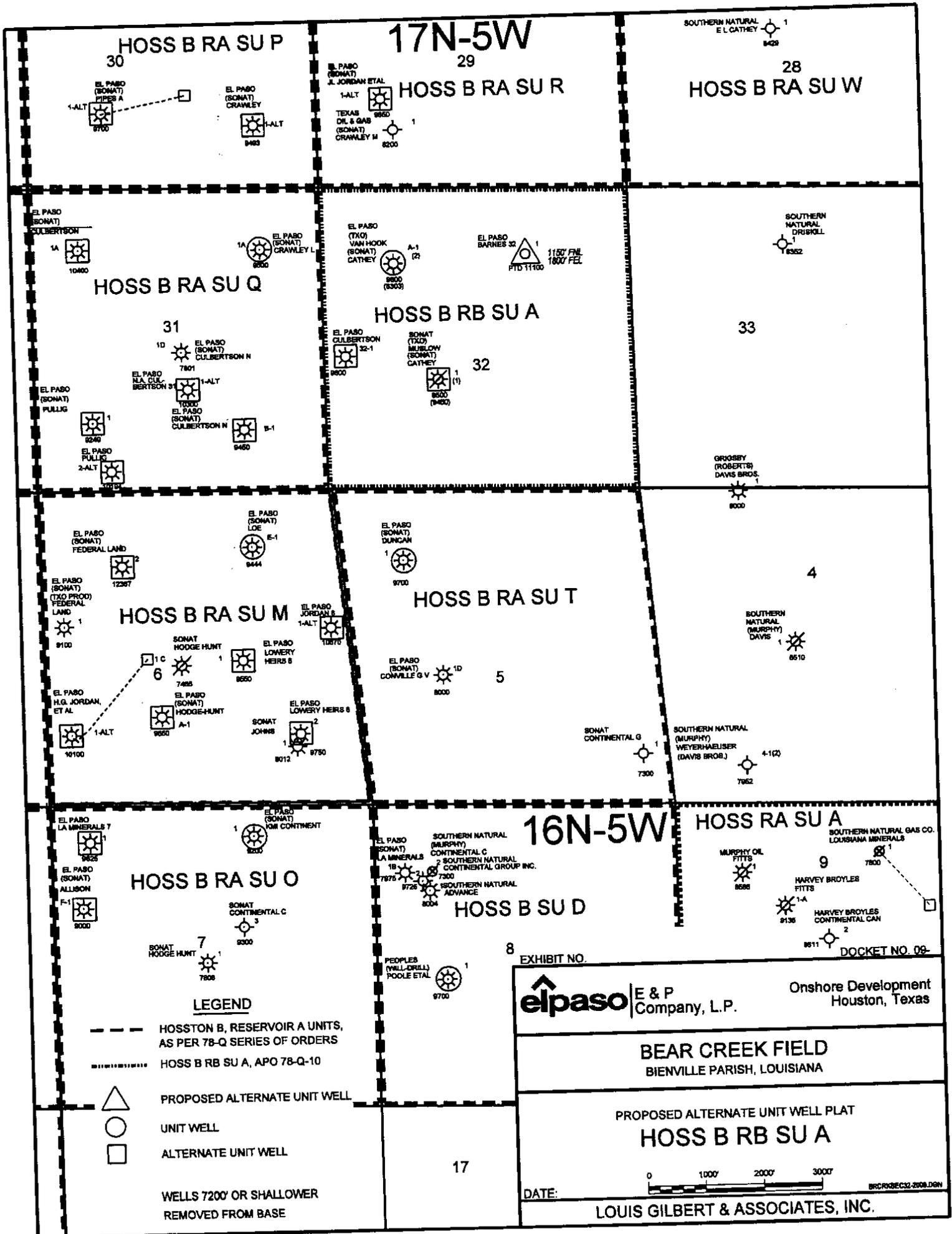
**elpaso** E & P Company, L.P. Onshore Development Houston, Texas

**BEAR CREEK FIELD**  
BIENVILLE PARISH, LOUISIANA

PROPOSED ALTERNATE UNIT WELL PLAT  
**BAIN RC SU D**

0 1000' 2000' 3000'  
DATE: BROR\SEC33-2008.DGN

**LOUIS GILBERT & ASSOCIATES, INC.**



HOSS B RA SU P

17N-5W

SOUTHERN NATURAL  
E.L. GATHEY 1  
1429

30

29

28

HOSS B RA SU R

HOSS B RA SU W

HOSS B RA SU Q

HOSS B RB SU A

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31

32

HOSS B RA SU M

HOSS B RA SU T

4

5

HOSS B RA SU O

16N-5W

HOSS RA SU A

HOSS B SU D

9

EXHIBIT NO. 8

DOCKET NO. 09-

**LEGEND**

- HOSSTON B, RESERVOIR A UNITS, AS PER 78-Q SERIES OF ORDERS
- ..... HOSS B RB SU A, APO 78-Q-10
- △ PROPOSED ALTERNATE UNIT WELL
- UNIT WELL
- ALTERNATE UNIT WELL
- WELLS 7200' OR SHALLOWER REMOVED FROM BASE

**elpaso** E & P Company, L.P. Onshore Development  
Houston, Texas

**BEAR CREEK FIELD**  
BIENVILLE PARISH, LOUISIANA

PROPOSED ALTERNATE UNIT WELL PLAT  
**HOSS B RB SU A**



DATE: **LOUIS GILBERT & ASSOCIATES, INC.**

17

BRCR09C32-2008.DGN