

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Plantation Operating, LLC 2203 Timberloch Place, Suite 229, The Woodlands, Texas 77380		<sup>2</sup> OGRID Number 237788
<sup>3</sup> Property Code 35725	<sup>5</sup> Property Name Bois d Arc	<sup>4</sup> APL Number 30-025-37898
<sup>9</sup> Proposed Pool 1 Foster (San Andres)		<sup>6</sup> Well No. 1
<sup>10</sup> Proposed Pool 2		

**7 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	31	18S	39E		330'	South	660'	West	Lea

**8 Proposed Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

**Additional Well Information**

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3611'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 4700'	<sup>18</sup> Formation San Andres	<sup>19</sup> Contractor To Be Determined	<sup>20</sup> Spud Date ASAP
Depth to Groundwater 40'		Distance from nearest fresh water well > 1,000'		Distance from nearest surface water > 1,000'
Pit: Liner: Synthetic <input type="checkbox"/> _____mils thick Clay <input type="checkbox"/> Pit Volume: _____bbls Drilling Method: Drilling				
Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

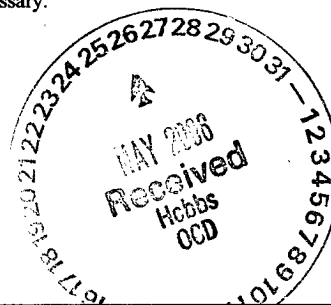
**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	1925'	1100	Surface
7 7/8"	5 1/2"	15.5#	4700'	600	Surface

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Move in & RU Rotary Drilling Rig.
2. Drill 12-1/4" hole to top of Anhydrite at approximately 1925'.
3. Set 8-5/8" csg and cement to surface.
4. Drill 7-7/8" hole to 4700' using 10# brine.
5. Run open-hole logs to 4700'.
6. Run 5-1/2" casing to 4700' and cement to surface.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway



<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		<b>OIL CONSERVATION DIVISION</b>	
Printed name: Donald P. Dotson, P.E. <i>Don Dotson/gss</i>		Approved by: <i>[Signature]</i> PETROLEUM ENGINEER	
Title: COO		Title:	
E-mail Address: ddotson@plantationpetro.com		Approval Date: MAY 30 2006 Expiration Date:	
Date: 5/25/2006 Phone: 281-296-7222		Conditions of Approval Attached <input type="checkbox"/>	

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-37898	Pool Code 24890	Pool Name Foster San Andres
Property Code 35725	Property Name BOIS D ARC	Well Number 1
OGRID No. 237788	Operator Name PLANTATION OPERATING, LLC	Elevation 3611'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	31	18-S	39-E		330	SOUTH	660	WEST	LEA

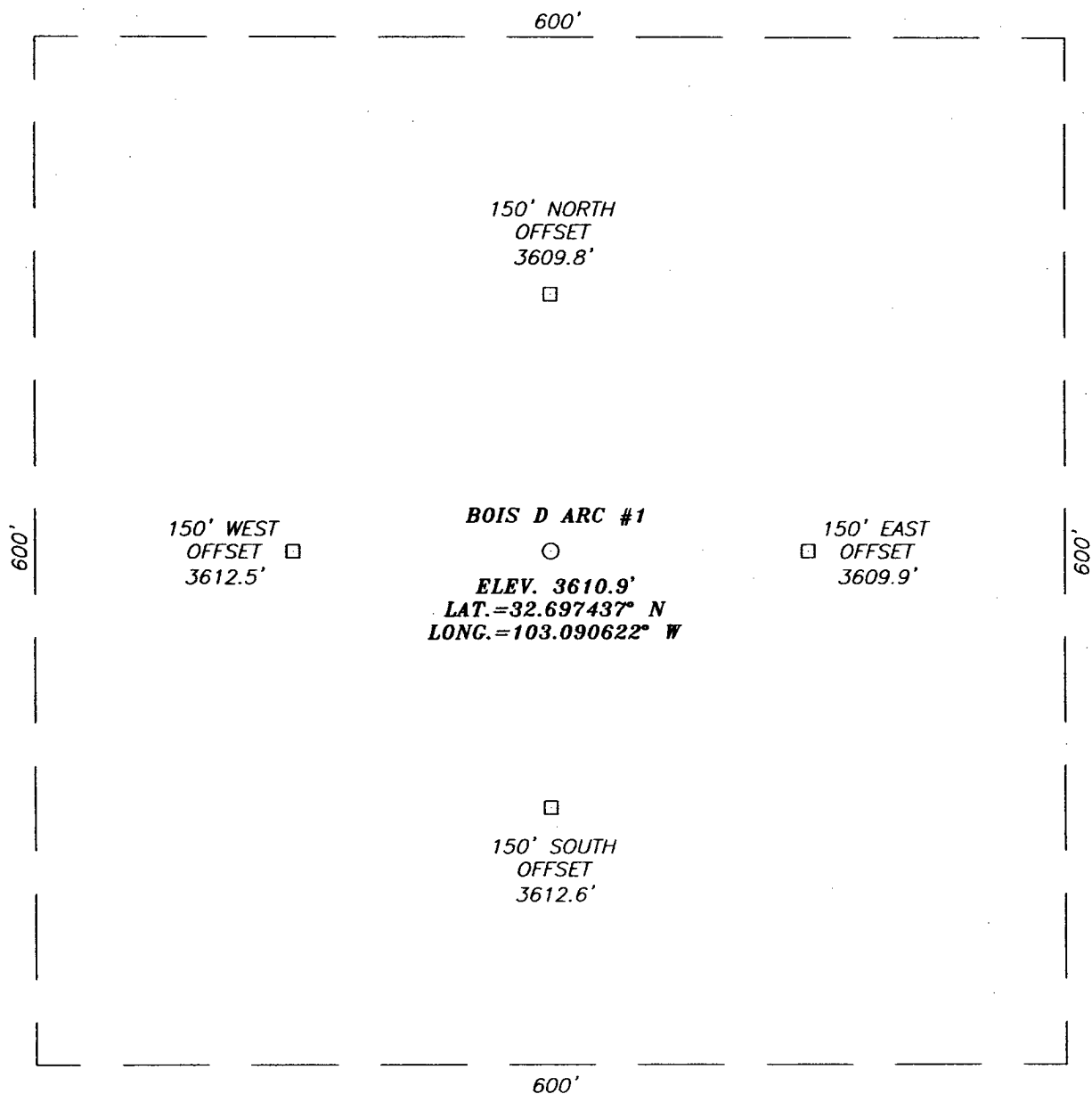
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

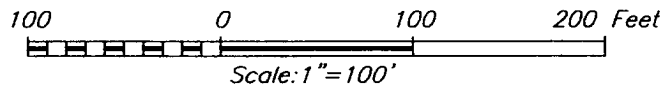
	<b>OPERATOR CERTIFICATION</b> <i>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Signature: <i>John Alured</i> Date: <i>5/25/06</i> Printed Name: <i>JOHN ALURED</i>
	<b>SURVEYOR CERTIFICATION</b> <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> MAY 9, 2006 Date Surveyed: _____ JR Signature & Seal of Professional Surveyor: <i>Ronald J. Eidson</i> 5/18/06 Certificate No. GARY EIDSON 12841

**SECTION 31, TOWNSHIP 18 SOUTH, RANGE 39 EAST, N.M.P.M.,**  
LEA COUNTY, NEW MEXICO



**DIRECTIONS TO LOCATION**

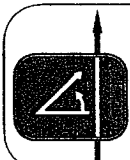
FROM THE INTERSECTION OF MARLAND AND  
LANDFILL RD. GO EAST ON MARLAND APPROX. 0.1  
MILES. THIS LOCATION IS APPROX. 350' NORTH.



**PLANTATION OPERATING, LLC**

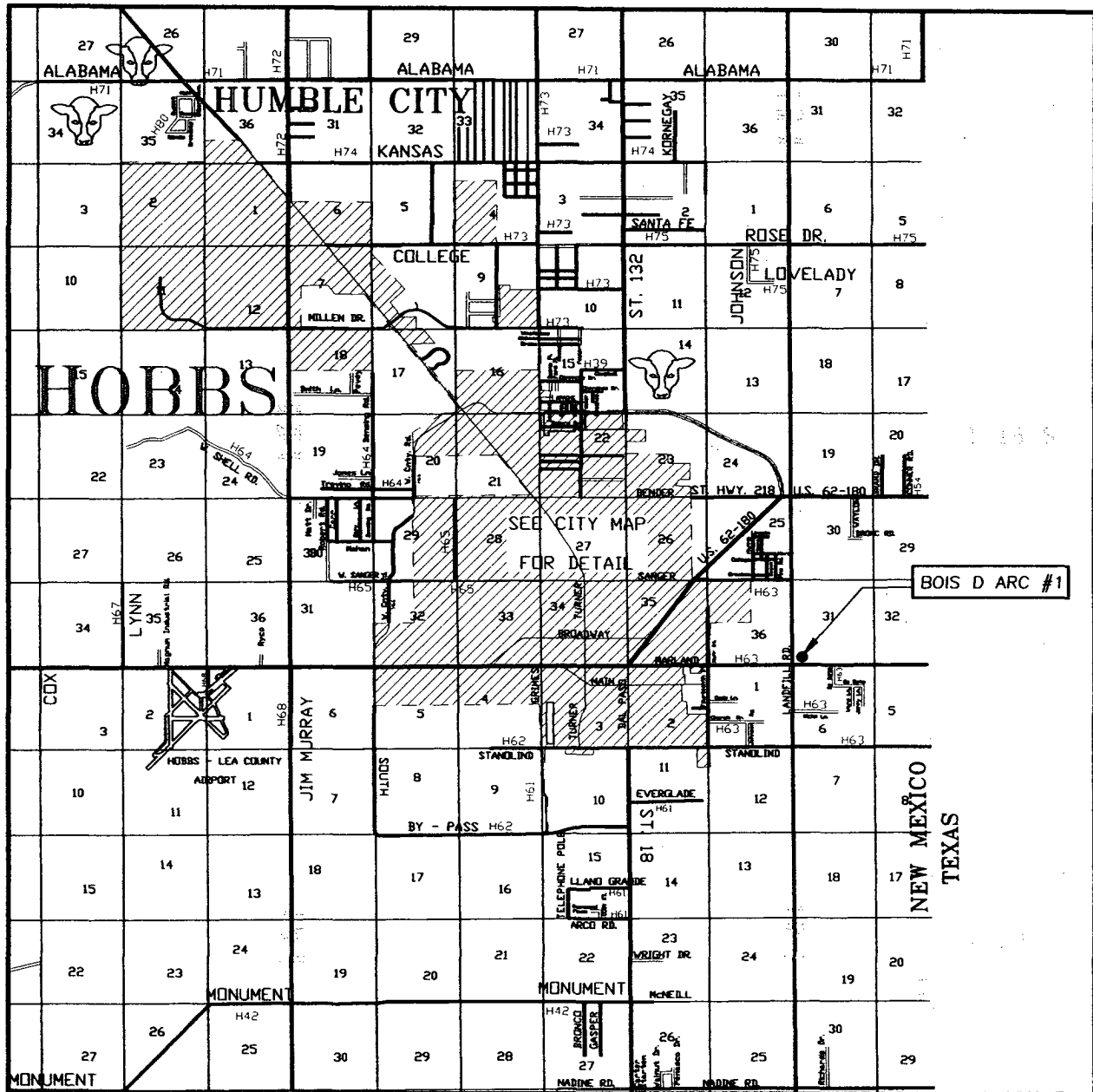
**BOIS D ARC #1**  
LOCATED 330 FEET FROM THE SOUTH LINE  
AND 660 FEET FROM THE WEST LINE OF SECTION 31,  
TOWNSHIP 18 SOUTH, RANGE 39 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.

Survey Date: 05/09/06		Sheet 1 of 1 Sheets	
W.O. Number: 06.11.0795		Dr By: M.R.	Rev 1:N/A
Date: 05/05/06	Disk: CD#6	06110795	Scale: 1"=100'



PROVIDING SURVEYING SERVICES  
SINCE 1946  
**JOHN WEST SURVEYING COMPANY**  
412 N. DAL PASO  
HOBBS, N.M. 88240  
(505) 393-3117

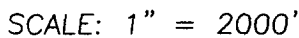
# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 31 TWP. 18-S RGE. 39-E  
 SURVEY N.M.P.M.  
 COUNTY LEA STATE NEW MEXICO  
 DESCRIPTION 330' FSL & 660' FWL  
 ELEVATION 3611'  
 OPERATOR PLANTATION OPERATING, LLC  
 LEASE BOIS D ARC

PROVIDING SURVEYING SERVICES  
 SINCE 1946  
**JOHN WEST SURVEYING COMPANY**  
 412 N. DAL PASO  
 HOBBS, N.M. 88240  
 (505) 393-3117



CONTOUR INTERVAL:  
HOBBS EAST, N.M. - 5'

SURVEY N.M.P.M.

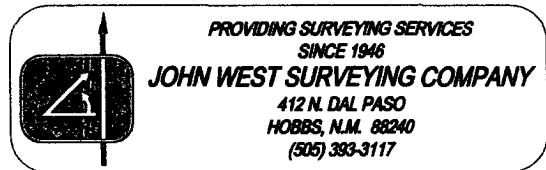
DESCRIPTION 330' FSL & 660' FWL

ELEVATION 3611'

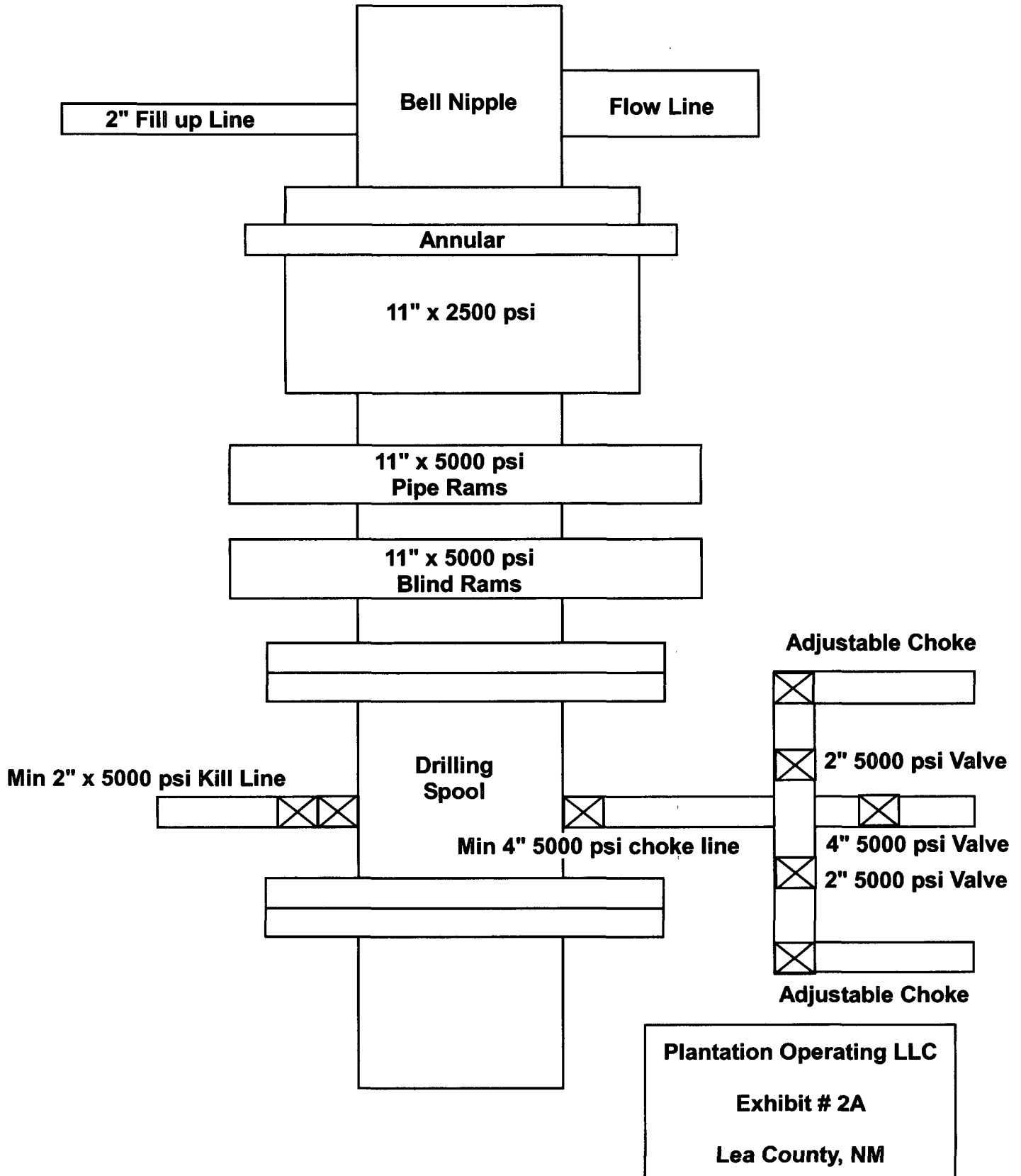
OPERATOR PLANTATION  
OPERATING, LLC

LEASE BOIS D ARC

U.S.G.S. TOPOGRAPHIC MAP  
HOBBS EAST, N.M.

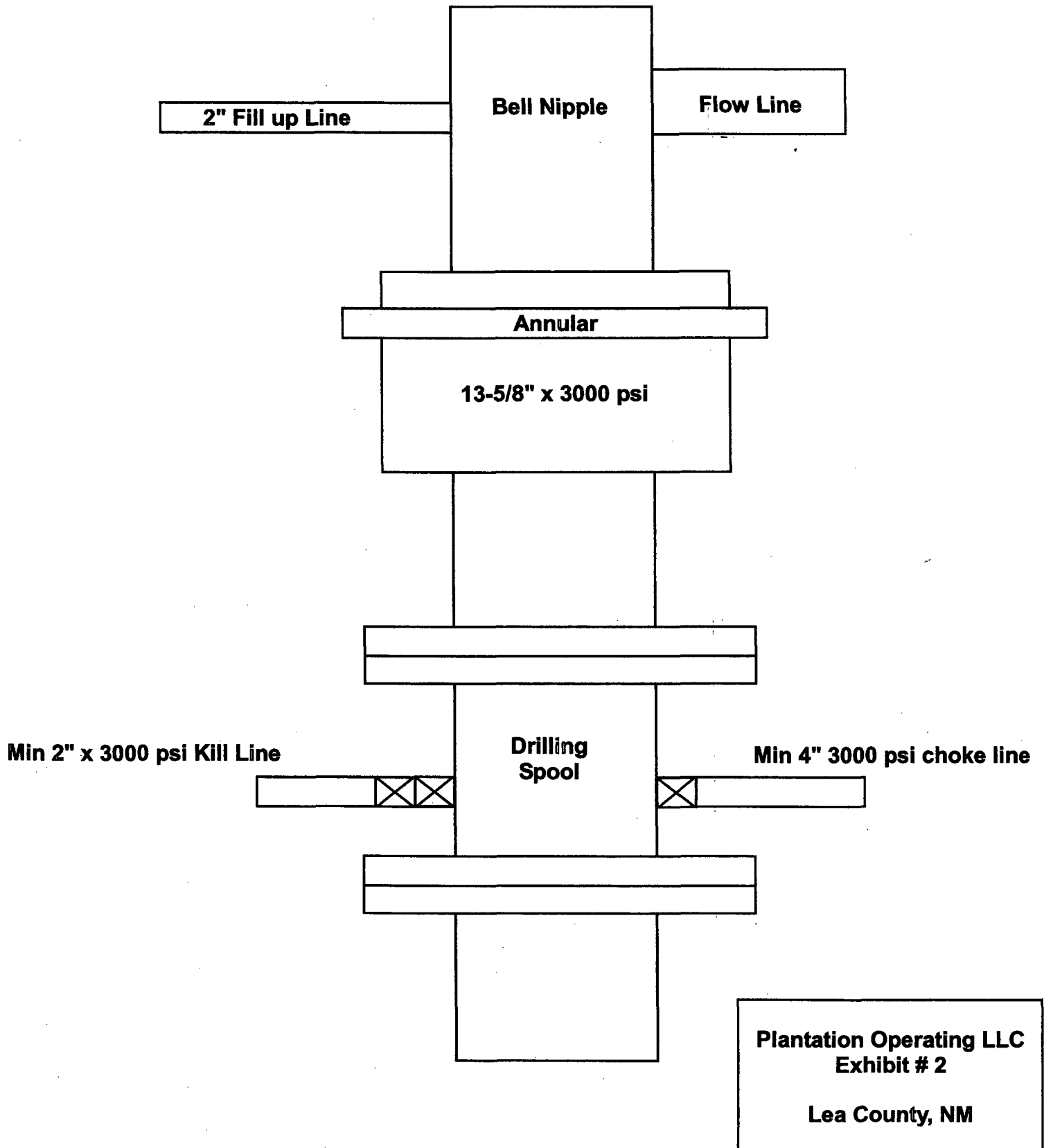


**Plantation Operating, LLC**  
**BOP Schematic for 6-1/8 or- 7-7/8" Hole**



# Plantation Operating, LLC

## BOP Schematic for 12-1/4" Hole



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State of New Mexico  
Energy Minerals and Natural Resources

Form C-144  
June 1, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: Plantation Operating, LLC Telephone: 281-296-7222 e-mail address: ddotson@plantationpetro.com  
Address: 2203 Timberloch Place, Suite 229, The Woodlands, Texas 77380  
Facility or well name: Bois d Arc #1 API #: 30-025-37898 U/L or Qtr/Qtr M Sec 31 T 18S R 39E  
County: Lea Latitude 32.69743722° N Longitude 103.090622° W NAD: 1927 ☐ 1983 ☐  
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

**Pit**

Type: Drilling ☐ Production ☐ Disposal ☐  
Workover ☐ Emergency ☐  
Lined ☐ Unlined ☐  
Liner type: Synthetic ☐ Thickness        mil Clay ☐  
Pit Volume        bbl

**Below-grade tank**

Volume:        bbl Type of fluid:         
Construction material:         
Double-walled, with leak detection? Yes ☐ If not, explain why not.       

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) <u>40'</u>	Less than 50 feet	(20 points)	
	50 feet or more, but less than 100 feet	(10 points)	20
	100 feet or more	( 0 points)	
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes	(20 points)	
	No                      No	( 0 points)	0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)	
	200 feet or more, but less than 1000 feet	(10 points)	
	1000 feet or more	( 0 points)	0
<b>Ranking Score (Total Points)</b>			20

**If this is a pit closure:** (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility       . (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface        ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

Closed Loop System

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 5/25/2006

Printed Name/Title Donald P. Dotson / COO

Signature 

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title PETROLEUM ENGINEER

Signature 

Date: MAY 30 2006