

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

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

1. Operator Name and Address PLANTATION OPERATING LLC 4700 W. SAM HOUSTON PKWY N. HOUSTON , TX 77041		2. OGRID Number 237788
		3. API Number 30-05-64001
4. Property Code 36402	5. Property Name SYCAMORE	6. Well No. 002

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	24	08S	29E	B	660	N	1980	E	CHAVES

**8. Pool Information**

LOST LAKE,STRAWN (GAS)	80693
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**Additional Well Information**

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 4069
14. Multiple N	15. Proposed Depth	16. Formation Strawn	17. Contractor	18. Spud Date 4/1/2008
Depth to Ground water 215		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick      Clay <input type="checkbox"/> Pit Volume:      bbls      Drilling Method: Closed Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**19. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	350	350	0
Int1	11	8.625	32	2650	1250	0
Prod	8.75	5.5	17	8750	1100	2000

**Casing/Cement Program: Additional Comments**

13 3/8" Surface Csg to be cemented w/ 350 sx Class C + 2% CaCl2. Circ. cement to surface. 8 5/8" Intermediate Csg to be cemented w/ 1000 sx Lite Wt + Tail w/ 250 sx Class "C" + 1% CaCl2. Circulate to surface. 5.5" Prod Csg to be cemented w/ 1100 Sx Super "H" Modified. Top of cement to tie back into 8 5/8" intermediate casing minimum of 500'.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Pipe	10000	10000	Cameron
DoubleRam	10000	10000	Cameron
Annular	5000	3500	Hydnil

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. <b>I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .</b> Printed Name: Electronically filed by Kimberly K Faldyn Title: Engineering Tech Email Address: kfaldyn@plantationpetro.com Date: 12/19/2007      Phone: 281-598-7551	<b>OIL CONSERVATION DIVISION</b>  Approved By: Bryan Arrant Title: Geologist Approved Date: 1/9/2007      Expiration Date: 1/9/2008  Conditions of Approval Attached
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## DISTRICT I

1625 N. FURNICH DR., ROSBUR, NM 86240

## DISTRICT II

1301 W. GRAND AVENUE, ARTERIA, NM 88210

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

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

## 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-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	Pool Code 80693	Pool Name Lost Lake (Strawn) Gas
Property Code 36402	Property Name SYCAMORE	Well Number 2
OGRID No. 237788	Operator Name PLANTATION OPERATING, LLC	Elevation 4069'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
B	24	8-S	29-E		660	NORTH	1980	EAST	CHAVES

## Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	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

<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=949934.2 N X=621338.4 E</p> <p>LAT.=33.610686° N LONG.=103.934790° W</p>	<b>OPERATOR CERTIFICATION</b>  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.
	12/12/2007 Signature _____ Date _____ Kimberly Faldyn Printed Name _____
	<b>SURVEYOR CERTIFICATION</b>  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.
	NOVEMBER 17, 2007 Date Surveyed _____ Signature & Seal of Professional Surveyor _____ 3239 Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239

## Permit Comments

Operator: PLANTATION OPERATING LLC , 237788

Well: SYCAMORE #002

API: 30-05-64001

Created By	Comment	Comment Date
kfaldyn	BOP stack is configured as follows: Single Pipe Ram 13-5/8" 10M Cameron Mud Cross -- 13-5/8" 10M Double Ram 13-5/8" 10M Cameron Annular 13-5/8" 5M Hydril Rotating Head--13-5/8" 3M 4" Choke Manifold rated 10M W/P 4" Manual and 4" HCR 10M Valves between BOP Stack & Choke Manifold. Koomey 8 Station Accumulator.	12/19/2007

# Permit Conditions of Approval

Operator: PLANTATION OPERATING LLC , 237788

Well: SYCAMORE #002

API: 30-05-64001

OCD Reviewer	Condition
BArrant	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
BArrant	As noted, operator to drill surface hole w/fresh water mud.