

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 30-015-36313
4. Property Code 35519	5. Property Name CYPRESS	6. Well No. 005

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	9	23S	27E	M	660	S	660	W	EDDY

8. Pool Information

CARLSBAD,MORROW, SOUTH (GAS)	73960
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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 3155
14. Multiple N	15. Proposed Depth	16. Formation Morrow	17. Contractor	18. Spud Date 6/1/2008
Depth to Ground water 100		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	475	0
Int1	12.25	9.625	40	5600	2100	0
Prod	8.75	5.5	17	12100	2250	0

Casing/Cement Program: Additional Comments

13-3/8" Surface Csg to be cemented w/450 sx Class C + 2% CaCl2. Circ cement to surface. 9-5/8" Intermediate Csg to be cemented w/1700 sx Lite Wt + tail w/400 sx Class "C" + 1% CaCl2. Circulate to Surface. 5.5" Prod csg to be cemented w/2250 sx Super "H" Modified. Top of cement to tie back into 8-5/8" intermediate csg minimum of 500'.

Proposed Blowout Prevention Program

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

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 NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCB-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Kimberly K Faldyn Title: Engineering Tech Email Address: kfaldyn@plantationpetro.com Date: 5/1/2008 Phone: 281-598-7551	OIL CONSERVATION DIVISION	
	Approved By: Tim Gum	
	Title: District Supervisor	
	Approved Date: 5/6/2008	Expiration Date: 5/6/2010

DISTRICT I
1626 N. French Dr., Hobbs, NM 88240
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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 73960	Pool Name South Carlsbad Morrow
Property Code 35519	Property Name CYPRESS	Well Number 5
GRID No. 237788	Operator Name PLANTATION OPERATING, LLC	Elevation 3155'

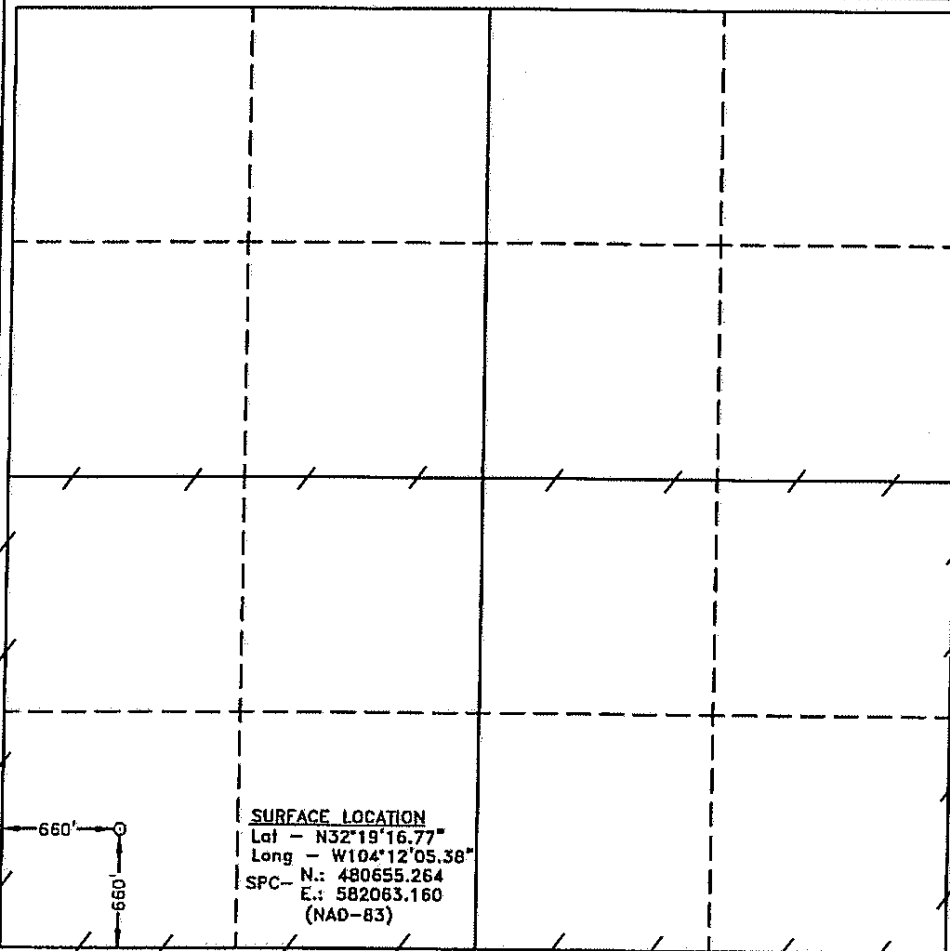
Surface Location

UL or lot No. M	Section 9	Township 23 S	Range 27 E	Lot Idn	Feet from the 660	North/South line SOUTH	Feet from the 660	East/West line WEST	County EDDY
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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 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>SURFACE LOCATION Lat - N32°19'16.77" Long - W104°12'05.38" SPC- N.: 480655.264 E.: 582063.160 (NAD-83)</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained 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 pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by this division.</p> <p><i>Kimberly Faldyn</i> 5/1/2008 Signature Date</p> <p>Kimberly Faldyn Printed Name</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>APRIL 21, 2008 Date Surveyed</p> <p><i>Gary L. Jones</i> Signature Professional Surveyor</p> <p>W.S. Jones Professional Surveyor</p>
	<p>Certificate No. Gary L. Jones 7977</p>
	<p>BASIN SURVEYS</p>

Permit Comments

Operator: PLANTATION OPERATING LLC , 237788

Well: CYPRESS #005

API: 30-015-36313

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 Read -- 13-5/8" 3M 4" Choke Manifold rated 10M W/P 4" Manual and 4" HCR 10M valves between BOP Stack and Choke manifold. Koomey 8 Station Accumulator.	4/30/2008