



PLANTATION PETROLEUM COMPANIES

PLANTATION PETROLEUM HOLDINGS III, LLC; PLANTATION OPERATING, LLC

2203 Timberloch Place, Ste. 229
The Woodlands, TX 77380
Tel: (281) 296-7222
Fax: (281) 298-2333

June 7, 2006

FEDERAL EXPRESS

Michael E. Stogner, Chief Hearing Officer
New Mexico Oil Conservation Division
1220 So. St. Francis Drive
Santa Fe, NM 87505

**RE: R. W. Cowden "C" No. 10 - Proposed Drilling to Jalmat Gas Pool
NW/4, W/2 NE/4, Unit D, Sec 31, T-23S, R-37E
990' FNL & 660' FWL
Lea County, New Mexico
Re-Submitting NMOCD Previously Approved Drilling Location
Administrative Application for Simultaneous Dedication
Non-Standard Location, in Existing Non-Standard Proration Unit
(Administrative Order No. NSP-143-B-(L)(SD))**

2006 JUN 8 AM 10 34

Dear Mr. Stogner,

Please find enclosed a copy of the previously approved **Administrative Order No. NSP-143-B-(L)(SD)** dated September 16, 1996, corresponding to the original 315.98 to the approved 235.98 acre **R. W. Cowden "C"** (Gas) proration unit, consisting **NW/4, W/2 NE/4, Unit D, Sec 31, T-23S, R-37E** Lea County, New Mexico, grants approval to simultaneously dedicate two Jalmat wells, to the subject existing 235.98 acre Jalmat (Gas) proration unit. The two wells in the NSP are the **R. W. Cowden "C" No. 4 (Unit C, Sec 31, T-23S, R-37E)** and **R. W. Cowden "C" No. 10 (Unit D, Sec 31, T-23S, R-37E)**. The original NSP was approved under Administrative Order No. **NSP-143** dated June 8, 1996.

Thus, we hereby propose to re-submit previous approved **Administrative Order No. NSP-143-B-(L)(SD)** for new approval corresponding to the new drilling application for the **R. W. Cowden "C" No. 10**. Please note previous operator has already made location and cellar for wellhead at the attached surveyed location dated May 17th, 2006. Approval of the simultaneous dedication application will prevent waste, by allowing for the optimal recovery of remaining gas reserves while protecting our mineral rights, (including gas reserves from tighter Jalmat strata, within the Jalmat interval).

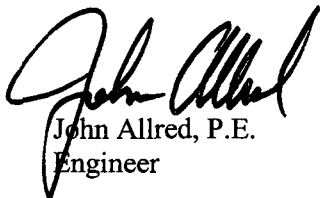
Also, please find enclosed one copy of a new C-101 and C-102 corresponding to the new drilling application for the **R. W. Cowden "C" No. 10** along with the C-144 and BOP diagram.

Notice of this administrative application has been sent by Federal Express to the applicable diagonal and adjacent offset Jalmat operators, which are attached.

We thank you for your thoughtful review of this matter as we expect a drilling rig in the next month.

Very truly yours,

PLANTATION OPERATING, LLC



John Allred, P.E.
Engineer

cc:

Chris Williams
District Supervisor – District 1
1625 N. French Drive
Hobbs, New Mexico 88240

Donna Mull
APD Permitting – District 1
1625 N. French Drive
Hobbs, New Mexico 88240

Gruy Petroleum Management Company
600 E. Colinas Blvd., Ste 1100
Irving, TX 75014-0907

Roca Production Incorporated
414 W. Texas Avenue, Suite 316
Midland, TX 79702

XTO Energy Incorporated
200 N. Loraine, Suite 800
Midland, TX 79701

Burleson Lewis B Incorporated
P.O. Box 2479
200 N. Loraine, Ste 600
Midland, TX 79702

Plantation Petroleum LLC
R. W. Cowden "C" Lease
NW/4, W/2 NE/4 Section 31
T-23-S, R-37-E
Lea County, New Mexico
(235.98 acres)

23S-36E

23S-37E

R. W. Cowden "C" No. 1
D-31-23S-37E
990' FNL & 660' FWL
Proposed Jalmat Gas Well
Plantation Operating

24S-36E

24S-37E

Acreage Ownership Plat
T-23-S & T-24-S, R-36-E & R-37-E
Lea County, New Mexico
Scale: 1" = 2000'

LIST OF OFFSET JALMAT (GAS) OPERATORS

Plantation Operating, LLC
R. W. Cowden "C" No. 10
D-31-T23S-R37E
NW/4, W/2 NE/4, Unit D, Sec. 31, T-23S, R37E
Lea County, New Mexico

<u>Tract No.</u>	<u>Operator</u>	<u>Lease and Well Name (s)</u>	<u>Well Locations</u>	<u>PU Description</u>	<u>No. of Acres</u>	<u>ACT/INA</u>
1 (Blue)	Plantation Operating, LLC	State LMT #5, 8, 9, 10, 11	H-36-23S-36E	N/2 Section 36, T-23-S, R-36-E	320	ACT
2 (Green)	XTO Energy Incorporated	E E Blinebry A Federal NCT-1 Com #4	L-31-23S-37E	SW/4, N/2 SE/4, SE/4 SE/4 Section 31 and S/2 SW/4 Section 32, T-23-S, R-37-E	356	ACT
3 (Pink)	Gruy Petroleum Management Company	Holt Mexico State Com #1	O-36-23S-36E	SE/4 Section 36, T-23-S, R-36-E	160	ACT
4 (Yellow)	Plantation Operating, LLC	R W Cowden C #4	C-31-23S-37E	NW/4, W/2 NE/4 Section 31, T-23-S, R-37-E	235.98	ACT
5 (Purple)	Roca Production Incorporated	R W Cowden C #9	H-31-23S-37E	NW/4, W/2 NE/4 Section 31, T-23-S, R-37-E	80	ACT
6 (Orange)	Roca Production Incorporated	R W Cowden A WN #1	P-30-23S-37E	NE/4 SE/4, SE/4 SE/4 Section 30, T-23-S, R-37-E	80	ACT
7 (Light Blue)	Plantation Operating, LLC	R W Cowden B #4	L-30-23S-37E	W/2 SW/4, SE/4 SW/4, SW/4 SE/4 Section 30, T-23-S, R-37-E	155.78	ACT
8 (Red)	Burleson Lewis B Incorporated	Lynn B 25 #3	P-25-23S-36E	S/2 Section 25, T-23-S, R-36-E	320	ACT

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

¹ Operator Name and Address Plantation Operating, LLC 2203 Timberloch Place, Suite 229, The Woodlands, Texas 77380		² OGRID Number 237788
		³ API Number 30 - 025-
³ Property Code 302135	⁵ Property Name Cowden "C"	⁶ Well No. 10
⁹ Proposed Pool 1 Jalmat (T-Y-7R) Gas		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no. D	Section 31	Township 23S	Range 37E	Lot Idn	Feet from the 990'	North/South line North	Feet from the 660'	East/West line West	County Lea
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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
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Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3323'
¹⁶ Multiple No	¹⁷ Proposed Depth 3550'	¹⁸ Formation Jalmat (T-Y-7R)	¹⁹ Contractor To Be Determined	²⁰ Spud Date ASAP
Depth to Groundwater 127'		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
8 3/4"	7"	20#	450'	90	Surface
6 1/8"	4 1/2"	11.6#	3550'	210	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.

Before drilling out from surface pipe, the well will be equipped with a 3000-psi 10-inch Series-900 double-ram hydraulic BOP and Hydril and surface pipe and BOP system will be tested to a minimum pressure of 1500 psig. Cement volumes may be adjusted to insure that the cement behind both the 7" and 4-1/2" casing strings will be circulated in sufficient volumes to the surface.

²³ 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 ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

OIL CONSERVATION DIVISION

Approved by:

Printed name: Donald P. Dotson, P.E.

Title:

Title: COO

Approval Date:

Expiration Date:

E-mail Address: ddotson@plantationpetro.com

Date: 6/7/2006

Phone: 281-296-7222

Conditions of Approval Attached ☐

DISTRICT I

1625 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

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	Pool Name
Property Code	Property Name COWDEN C, R.W.	Well Number 10
OGRID No.	Operator Name PLANTATION OPERATING, LLC	Elevation 3325'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	31	23-S	37-E		990	NORTH	660	WEST	LEA

Bottom Hole Location If Different From Surface

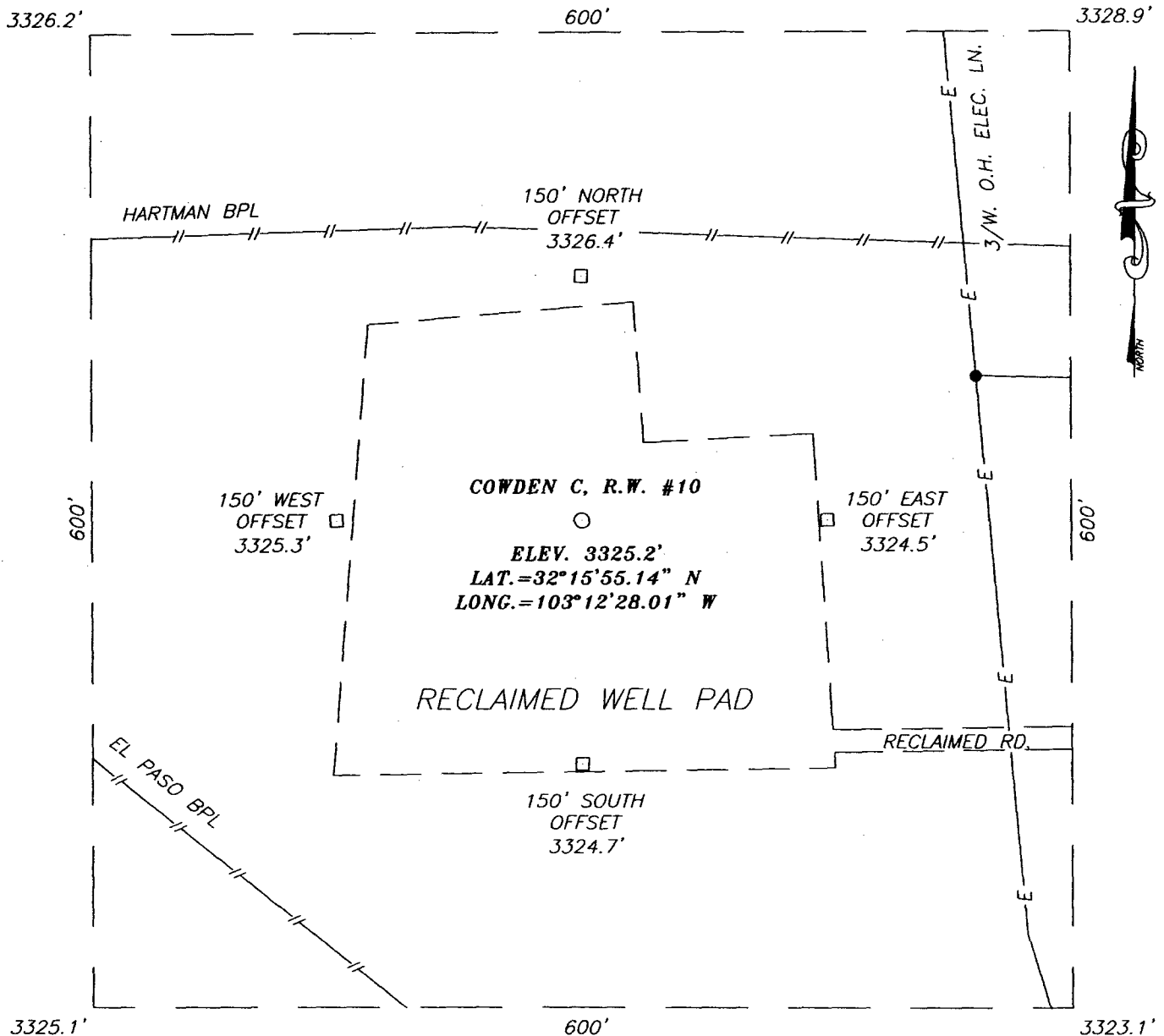
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
235.98			NSP-143-B-(L)6D

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

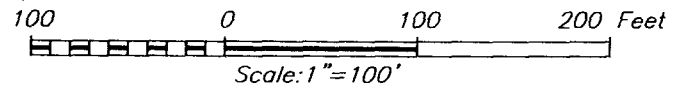
<p>SEE DETAIL</p> <p>990'</p> <p>660'</p> <p>37.93 AC</p> <p>LOT 2</p> <p>37.95 AC</p> <p>LOT 3</p> <p>37.97 AC</p> <p>LOT 4</p> <p>37.99 AC</p> <p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=462064.2 N X=847916.2 E</p> <p>LAT.=32°15'55.14" N LONG.=103°12'28.01" W</p> <p>DETAIL</p> <p>3326.2' 3328.9'</p> <p>600' 600'</p> <p>3325.1' 3323.1'</p>		<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>John Allred</i> 6/7/06 Signature Date</p> <p>John Allred 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>MAY 17, 2006</p> <p>Date Surveyed MR</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>GARY EIDSON</i> 5/26/06 06.11.0849</p> <p>Certificate No. GARY EIDSON 12841 RONALD J. EIDSON 3239</p>

SECTION 31, TOWNSHIP 23 SOUTH, RANGE 37 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF ST. HWY. #18 AND CO. RD. J-8 (DEEPWELLS RD.), GO WEST ON CO. RD. J-8 APPROX. 0.6 MILES. VEER RIGHT AND GO NORTH APPROX. 0.3 MILES. TURN LEFT AND GO NORTHWEST APPROX. 0.5 MILES. TURN RIGHT AND GO NORTH APPROX. 0.3 MILES. TURN LEFT (ON RECLAIMED ROAD) AND GO WEST APPROX. 300 FEET. THIS LOCATION IS APPROX. 217 FEET NORTHWEST.



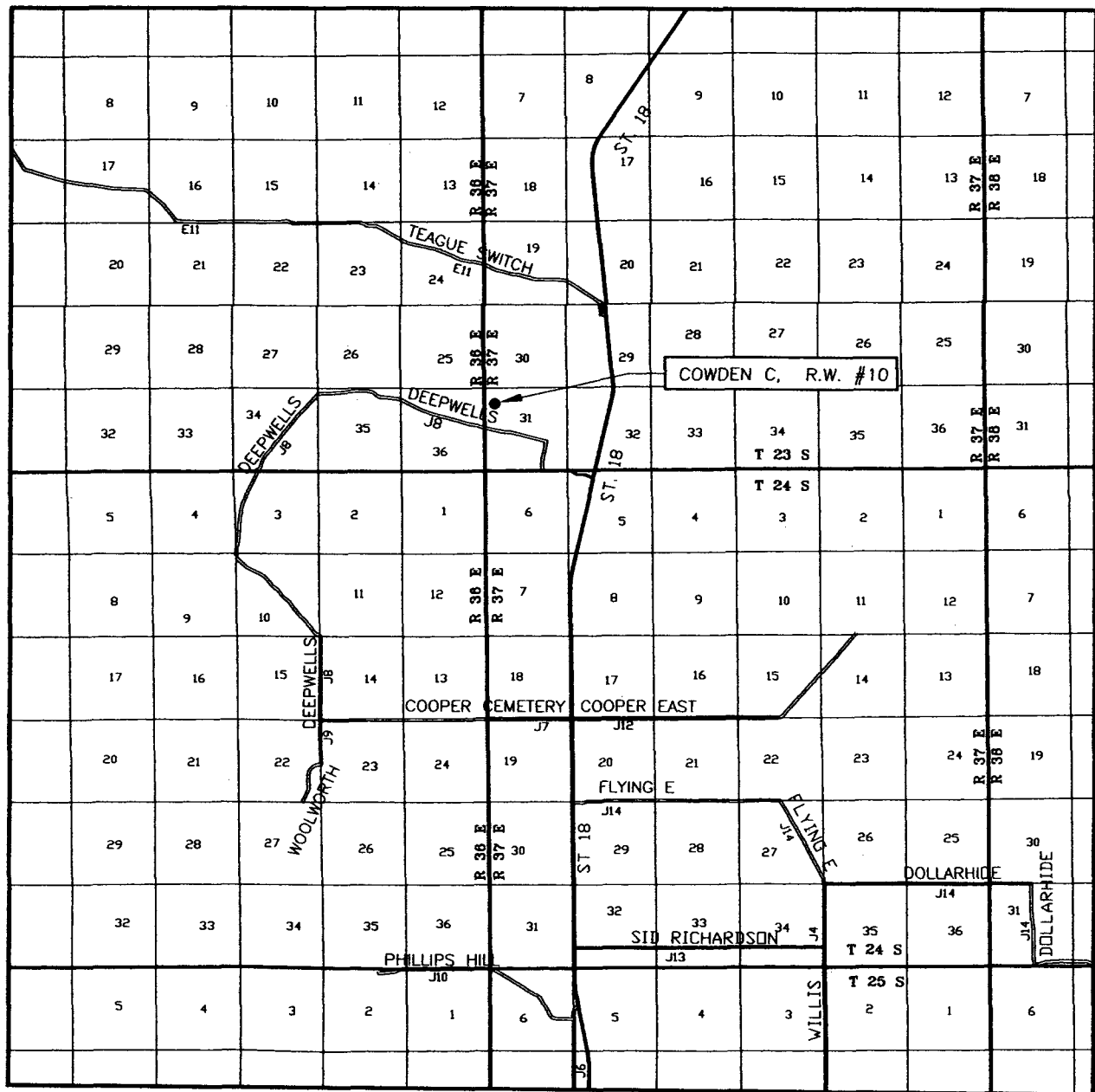
PLANTATION OPERATING, LLC

COWDEN C. R.W. #10
 LOCATED 990 FEET FROM THE NORTH LINE
 AND 660 FEET FROM THE WEST LINE OF SECTION 31,
 TOWNSHIP 23 SOUTH, RANGE 37 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO.

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

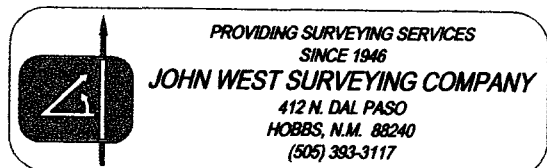
Survey Date: 05/17/06	Sheet 1 of 1 Sheets
W.O. Number: 06.11.0849	Dr By: M.R.
Date: 05/22/06	Disk: CD#6
06110849	Scale: 1"=100'

VICINITY MAP

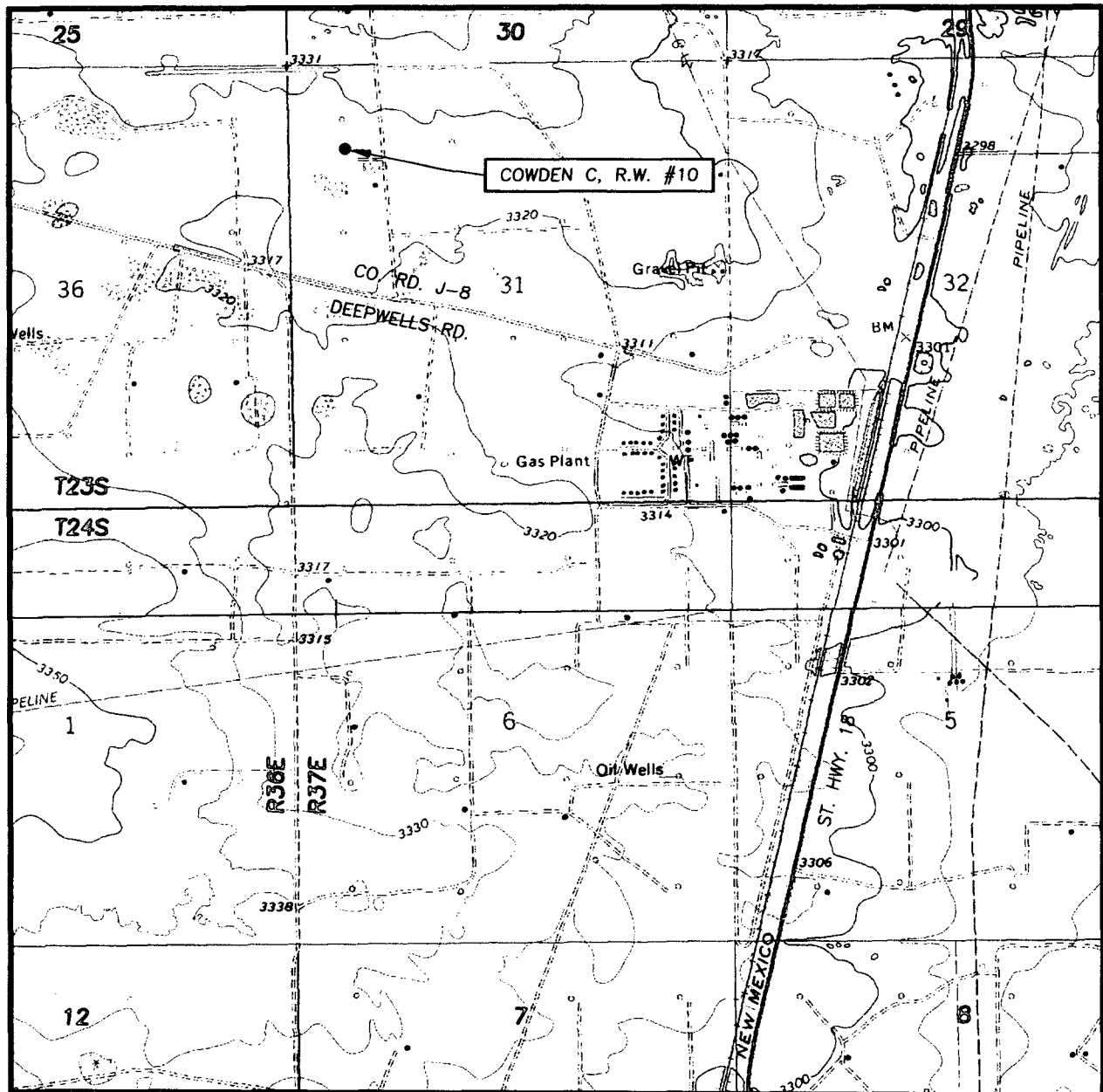


SCALE: 1" = 2 MILES

SEC. 31 TWP. 23-S RGE. 37-E
 SURVEY N.M.P.M.
 COUNTY LEA STATE NEW MEXICO
 DESCRIPTION 990' FNL & 660' FWL
 ELEVATION 3325'
 OPERATOR PLANTATION OPERATING, LLC
 LEASE COWDEN C, R.W.



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

SEC. 31 TWP. 23-S RGE. 37-E

SURVEY _____ N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 990' FNL & 660' FWL

ELEVATION 3325'

OPERATOR PLANTATION OPERATING, LLC

LEASE COWDEN C, R.W.

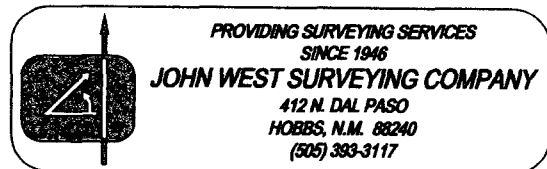
U.S.G.S. TOPOGRAPHIC MAP

JAL NW, N.M.

CONTOUR INTERVAL:

JAL NW, N.M. - 10'

RATTLESNAKE CANYON, N.M. - 10'



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-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: <u>Plantation Operating, LLC</u> Telephone: <u>281-296-7222</u> e-mail address: <u>ddotson@plantationpetro.com</u>		
Address: <u>2203 Timberloch Place, Suite 229, The Woodlands, Texas 77380</u>		
Facility or well name: <u>R.W. Cowden "C" No.10</u> API #: <u>30-025-</u> U/L or Qtr/Qtr <u>D</u> Sec <u>31</u> T <u>23S</u> R <u>37E</u>		
County: <u>Lea</u> Latitude <u>32° 15' 55.14" N</u> Longitude <u>103° 12' 28.01" W</u> NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness <u> </u> mil Clay <input type="checkbox"/> Pit Volume <u> </u> bbl	Below-grade tank Volume: <u> </u> bbl Type of fluid: <u> </u> Construction material: <u> </u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. <u> </u>	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) <u>127'</u>	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) <u>0</u> (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 No <u> </u> No	(20 points) (0 points) <u>0</u>
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points) <u>0</u>
Ranking Score (Total Points)		<u>0</u>

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:
<u>Closed-Loop System.</u>

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: 6/7/2006

Printed Name/Title Donald P. Dotson / COO

Signature Don Dotson

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:

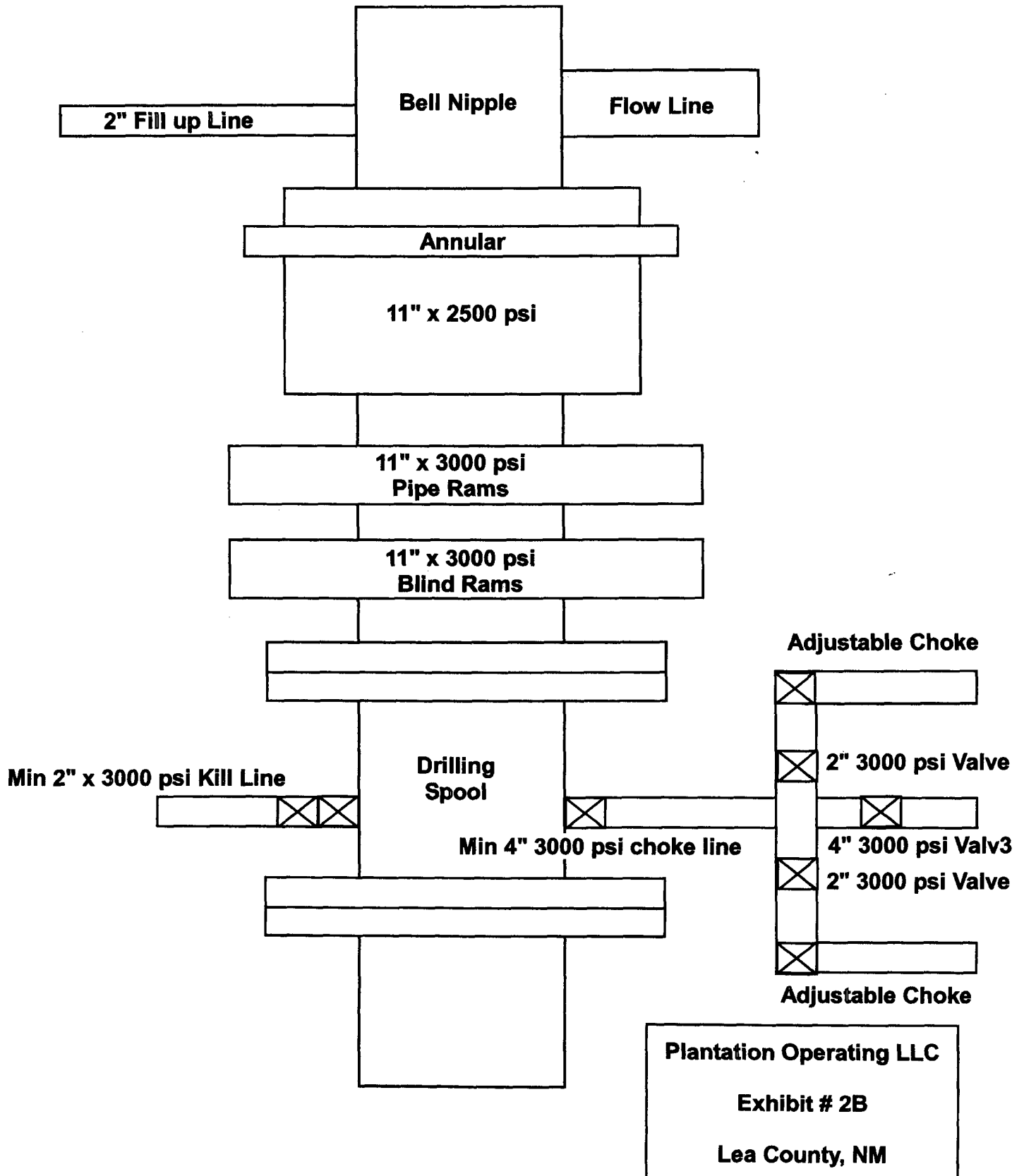
Printed Name/Title

Signature

Date:

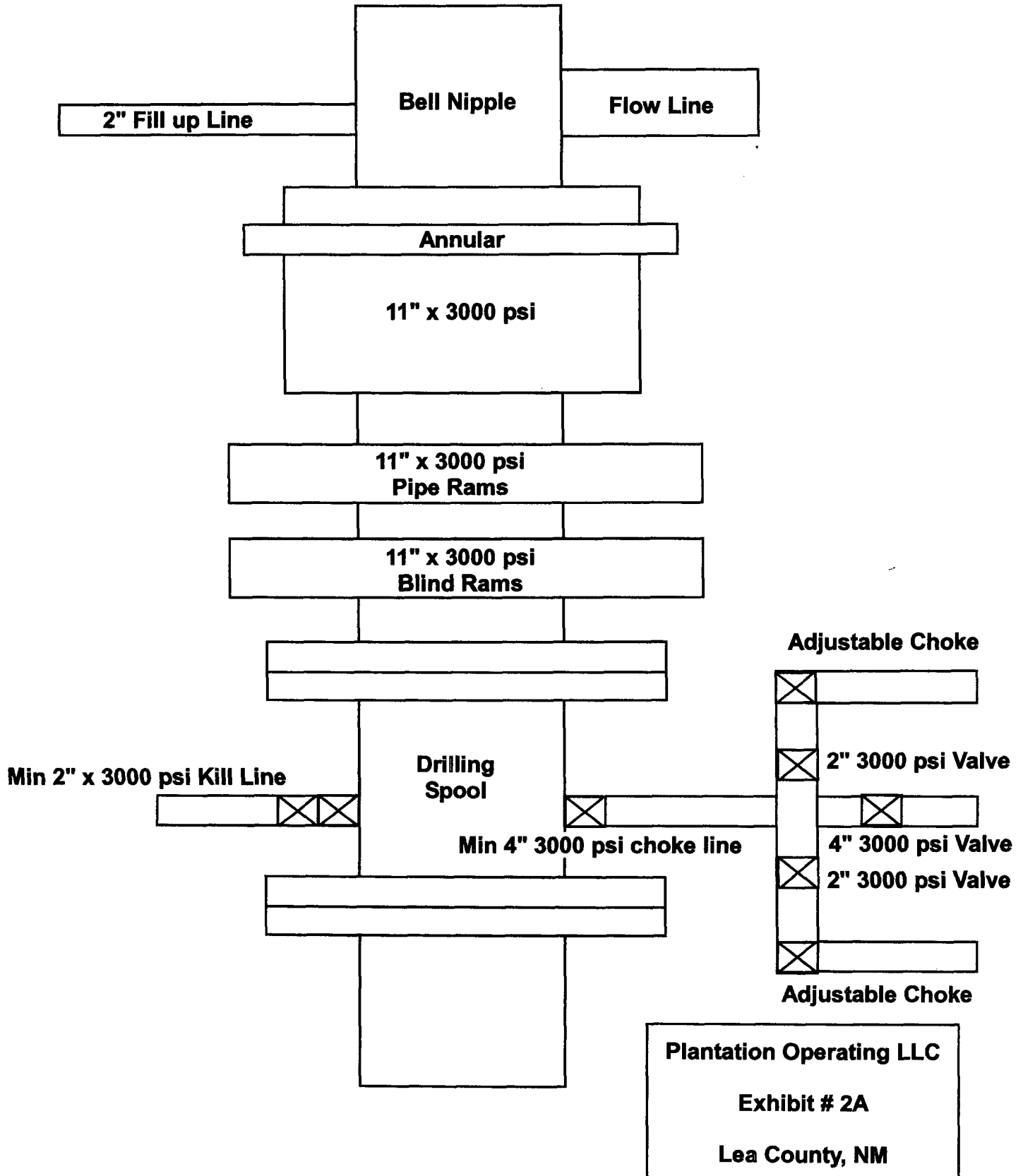
Plantation Operating, LLC

BOP Schematic for 8-3/4" or- 7-7/8" Hole



Plantation Operating, LLC

BOP Schematic for 6-1/8 or 7-7/8" Hole





STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

September 16, 1996

*cc land - Doyle
9-20-96*

Doyle Hartman, Oil Operator
Attention: Don Mashburn
P. O. Box 10426
Midland, Texas 79702

Roca Production, Inc.
Attention: Steven Douglas, President
P. O. Box 10139
Midland, Texas 79702

Administrative Order NSP-143-B(L)(SD)

Dear Messrs. Mashburn and Douglas:

Reference is now made to: (i) the application filed by Doyle Hartman, Oil Operator ("Hartman") by letter dated June 20, 1996; (ii) the Division's initial response to said application from Mr. Michael E. Stogner by letter dated June 25, 1996; (iii) to the letter dated August 7, 1996 from Mr. Don Mashburn of Hartman's office in Midland, Texas; (iv) Division Administrative Order NSP-143-A(L)(SD), dated August 14, 1996; and, (v) to the application filed by Roca Production, Inc. ("Roca") by letter dated August 21, 1996: all of which pertain to both parties requests to divide the existing 315.98-acre non-standard gas spacing and proration unit ("GPU") in the Jalmat Gas Pool comprising Lots 1 and 2, the NE/4, and the E/2 NW/4 (N/2 equivalent) of Section 31, Township 23 South, Range 37 East, N.M.P.M., Lea County, New Mexico, into two separate gas spacing and proration units to comprise:

- (a) the 235.98 acres consisting of Lots 1 and 2 (being the W/2 NW/4 equivalent), the W/2 NE/4, and the E/2 NW/4 of said Section 31; and,
- (b) the 80 acres consisting of the E/2 NE/4 of said Section 31.

Said 315.98-acre GPU was authorized by Division Administrative Order NSP-143, dated June 8, 1996 and had dedicated thereon the Doyle Hartman R. W. Cowden "C" Well No. 4/OXY USA, Inc. Myers Langlie Mattix Unit Well No. 61 (API No. 30-025-10903), located at a standard gas well location for the 315.98-acre GPU 990 feet from the North line and 1980 feet from the West line (Unit C) of said Section 31, and, by Division Administrative Order NFL-71, dated February 22, 1983, the R. W. Cowden "C" Well No. 9 (API No. 30-025-27918), located at a standard gas well location 1650 feet from the North line and 800 feet from the East line (Unit H), now operated by Roca Production, Inc., was simultaneously dedicated to said 315.98-acre GPU.



SEP 20 1996

It is our understanding by the subject applications and related correspondence that:

- (1) Hartman will be operator of the proposed 235.98-acre non-standard GPU comprising Lots 1 and 2, the W/2 NE/4, and the E/2 NW/4 of said Section 31 in which said acreage is to be simultaneously dedicated to the aforementioned R. W. Cowden "C" Well No. 4 and to the proposed R. W. Cowden "C" Well No. 10 to be drilled at an unorthodox gas well location 1650 feet from the North line and 330 feet from the West line (Lot 2/Unit E) of said Section 31, and,
- (2) the remaining 80 acres comprising the E/2 NE/4 of said Section 31 is to be operated by Roca Production, Inc. and have dedicated to it the above-described R. W. Cowden "C" Well No. 9 now located at an unorthodox gas well location for the resulting 80-acre GPU.

The Division finds at this time that, both of the subject applications filed by Doyle Hartman, Oil Operator and Roca Production, Inc. have been duly filed under the provisions of Rule 104.F of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division"), revised by Division Order No. R-10533, issued by the Oil Conservation Commission in Case 11,351 on January 18, 1996 and Rule 2(d) of the *"General Rules for the Prorated Gas Pools of New Mexico/Special Rules and Regulations for the Jalmat Gas Pool"*, as promulgated by Division Order No. R-8170, as amended. Pursuant to said rules no objection to the subject applications have been received within the required 20-day waiting periods.

Therefore, by the authority granted me under the provisions of the aforementioned rules applicable in this matter, it is hereby ordered:

- (a) that Doyle Hartman, Oil Operator ("Hartman") be designated the operator of the 235.98 acres, comprising Lots 1 and 2, the W/2 NE/4, and the E/2 NW/4 of said Section 31, thereby forming a non-standard gas spacing and proration unit ("GPU") within the Jalmat Gas Pool in which is to be simultaneously dedicated to the existing R. W. Cowden "C" Well No. 4/OXY USA, Inc. Myers Langlie Mattix Unit Well No. 61 (API No. 30-025-10903), located at a standard Jalmat gas well location for the 235.98-acre GPU 990 feet from the North line and 1980 feet from the West line (Unit C) of said Section 31 and to its proposed R. W. Cowden "C" Well No. 10 to be drilled at an unorthodox gas well location 1650 feet from the North line and 330 feet from the West line (Lot 2/Unit E) of said Section 31. Also, Hartman is hereby authorized to simultaneously dedicate Jalmat gas production from the proposed R. W. Cowden "C" Well No. 10 with the existing R. W. Cowden "C" Well No. 4. Furthermore, Hartman is permitted to produce the allowable assigned the subject GPU from both wells in any proportion; and,
- (b) that Roca Production, Inc. ("Roca") be authorized to operate the

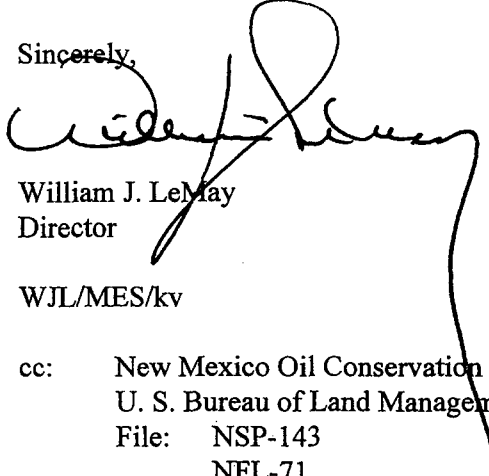
Administrative Order NSP-143-B(L)(SD)
Doyle Hartman/Roca Production, Inc.
September 16, 1996
Page 3

remaining 80 acres comprising the E/2 NE/4 of said Section 31, as a non-standard gas spacing and proration unit ("GPU") within the Jalmat Gas Pool in which is to be dedicated to the existing R. W. Cowden "C" Well No. 9 (API No. 30-025-27918), located at an unorthodox gas well location for the subject 80-acre GPU 1650 feet from the North line and 800 feet from the East line (Unit H) of said Section 31.

Division Administrative Orders NSP-143, NFL-71, NSP-143-A(L)(SD) shall be placed in abeyance until further notice.

Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

Sincerely,



William J. LeMay
Director

WJL/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs
U. S. Bureau of Land Management - Carlsbad
File: NSP-143
NFL-71
NSP-1335
NSP-143-A(L)(SD)

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

Operator Name and Address Doyle Hartman 500 N. Main St. Midland, TX 79701		OGRID Number 6473
		API Number 30-025-36771
Property Code 5042	Property Name Cowden "C"	Well No. 10
Proposed Pool 1 Jalmat (T-Y-7R) Gas		Proposed Pool 2

7 Surface Location

UL or lot no. Lot 1	Section 31	Township 23S	Range 37E	Lot Idn	Feet from the 990'	North/South line North	Feet from the 660'	East/West line West	County Lea
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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
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Additional Well Information

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3323'
Multiple No	Proposed Depth 3550'	Formation 7R	Contractor Capstar	Spud Date 12/01/2004
Depth to Groundwater 120'		Distance from nearest fresh water well 0.48 mi.		Distance from nearest surface water N/A
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 8905 bbls Drilling Method: Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				
Closed-Loop System <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"	9 5/8"	36 #/ft	450'	350 sx	Circ.
8 3/4"	7"	26 #/ft	3550'	750 sx	Circ.

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.

Before drilling out from under 9 5/8" O.D. surface casing, the well will be equipped with a Hydril and a 3000-psi, series-900, double-ram, hydraulic BOP.

Cement volumes will be adjusted, as necessary, to ensure that cement will be circulated behind all strings.

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50604
031
12774
JUL 20 2004

23 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 checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Steve Hartman		Approved by: ORIGINAL SIGNED BY PAUL F. KAUTZ PETROLEUM ENGINEER	
Title: Engineer		Title:	
E-mail Address: dhoo@swbell.net		Approval Date: JUL 20 2004	
Date: 07/15/2004		Expiration Date:	
Phone: (432) 684-4011		Conditions of Approval Attached <input type="checkbox"/>	

JUL 22 2004

DISTRICT I
P.O. Box 1988, Hobbs, NM 88241-1088

DISTRICT II
P.O. Drawer 88, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36771	Pool Code 79240	Pool Name Jalmat (T-Y-7R) Gas
Property Code 5042	Property Name Cowden "C"	Well Number 10
OGRID No. 6473	Operator Name Doyle Hartman	Elevation 3323'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Lot 1	31	23S	37E		990'	North	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 235.88	Joint or Infill Y	Consolidation Code	Order No. Administrative Order NSP-143-B(L)(SD), Approved 09/16/1996						

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>LOT 1 990' 660' 37.93 ACRES LOT 2 0 Oil Loc. for the 5/10 well see ASP-143-B(L)(SD) 37.95 ACRES LOT 3 37.97 ACRES LOT 4 37.99 ACRES</p> <p>Proposed Infill Jalmat Well Cowden "C" No. 10 990' FNL & 660' FWL (D) Sec. 31, T-23-S, R-37-E</p> <p>Existing Jalmat (Gas) Well Cowden "C" No. 4 990' FNL & 660' FWL (C) Section 31, T-23-S, R-37-E</p> <p>Existing Jalmat (Gas) P.U. Cowden "C" NW1/4, W1/2 NE1/4 Sec. 31, T-23-S, R-37-E Lea County, NM (235.88 acres)</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.</p> <p> Signature Steve Hartman Printed Name Engineer Title 07/15/2004 Date</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>NOVEMBER 12, 1998</p> <p>Date Surveyed Signature & Seal Professional Surveyor NEW MEXICO RONALD C. EDSON 3239 12641 12185 Certification No. RONALD C. EDSON 3239 CARMEDSON 12641 EDSON-MCDONALD 12185</p>
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