

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 Property Code 302124 302135	⁴ Property Name RW Cowden "C"	⁵ API Number 30-025- 37969
⁶ Proposed Pool 1 Jalmat (T-Y-7R) Gas		⁷ Proposed Pool 2 Well No. 10

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
D	31	23S	37E		990'	North	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

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
9 7/8" 20#	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.

**Permit Expires 1 Year From Approval
Date Unless Drilling Underway**

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

Printed name: Donald P. Dotson, P.E. *Don Dotson*
Title: COO
E-mail Address: ddotson@plantationpetro.com
Date: 6/7/2006 Phone: 281-296-7222

OIL CONSERVATION DIVISION

Approved by:

Title: JUN 23 2006

Approval Date:

Expiration Date:

"CONDITION FOR APPROVAL" Approval
for Drilling, CANNOT Produce well in the
Jalmat Tansill Yates Seven River without
Non-Standard Proration order Corrected
by the Santa Fe OCD Office.

DISTRICT I
1626 N. FRENCH DR., HOHNS, NM 86240

DISTRICT II
1201 W. GRAND AVENUE, ALBERIA, NM 86816

DISTRICT III
1000 Rio Brazos Rd., Azusa, 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 30-025-37969	Pool Code 79240	Pool Name Jalmat (T-Y-7R) Gas
Property Code 302123 302124	Property Name COWDEN C, R.W.	Well Number 10
OGRID No. 237788	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

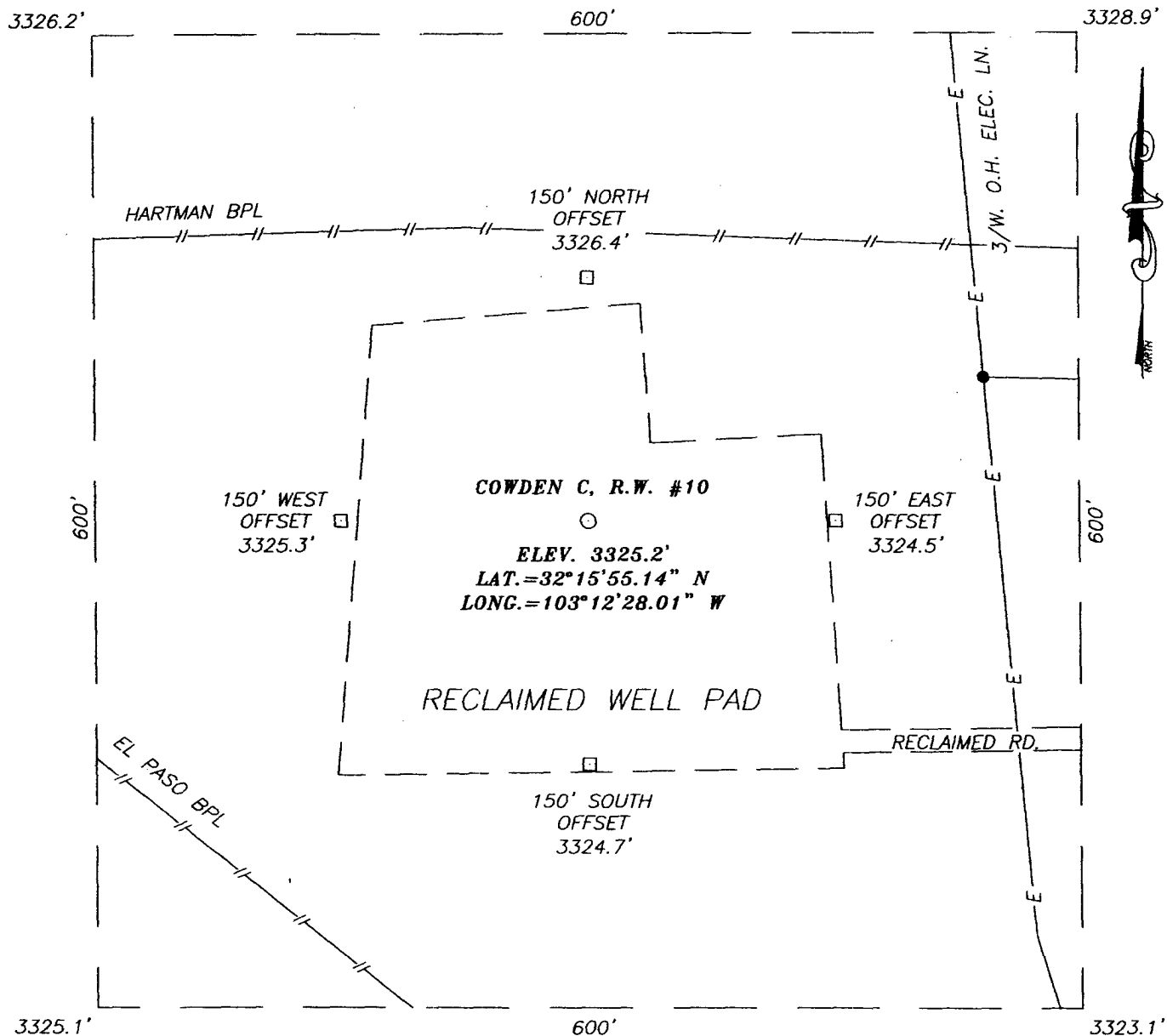
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 235.88	Joint or Infill Y	Consolidation Code	Order No. Administrative Order No. NSP-143-B (L) (SD) (9/16/96)						

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

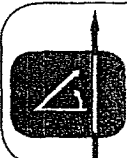
	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unless mineral interest in the land including the proposed bottom hole location or has a right to drill 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> 6/22/06 Signature Date 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 Signature of G. EIDSON Professional Surveyor NEW MEXICO 06-11-0849 Certified by GARY EIDSON 12041 Professional Surveyor 3239</p>

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

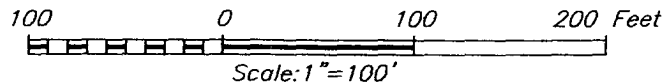


DIRECTIONS TO LOCATION

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.



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

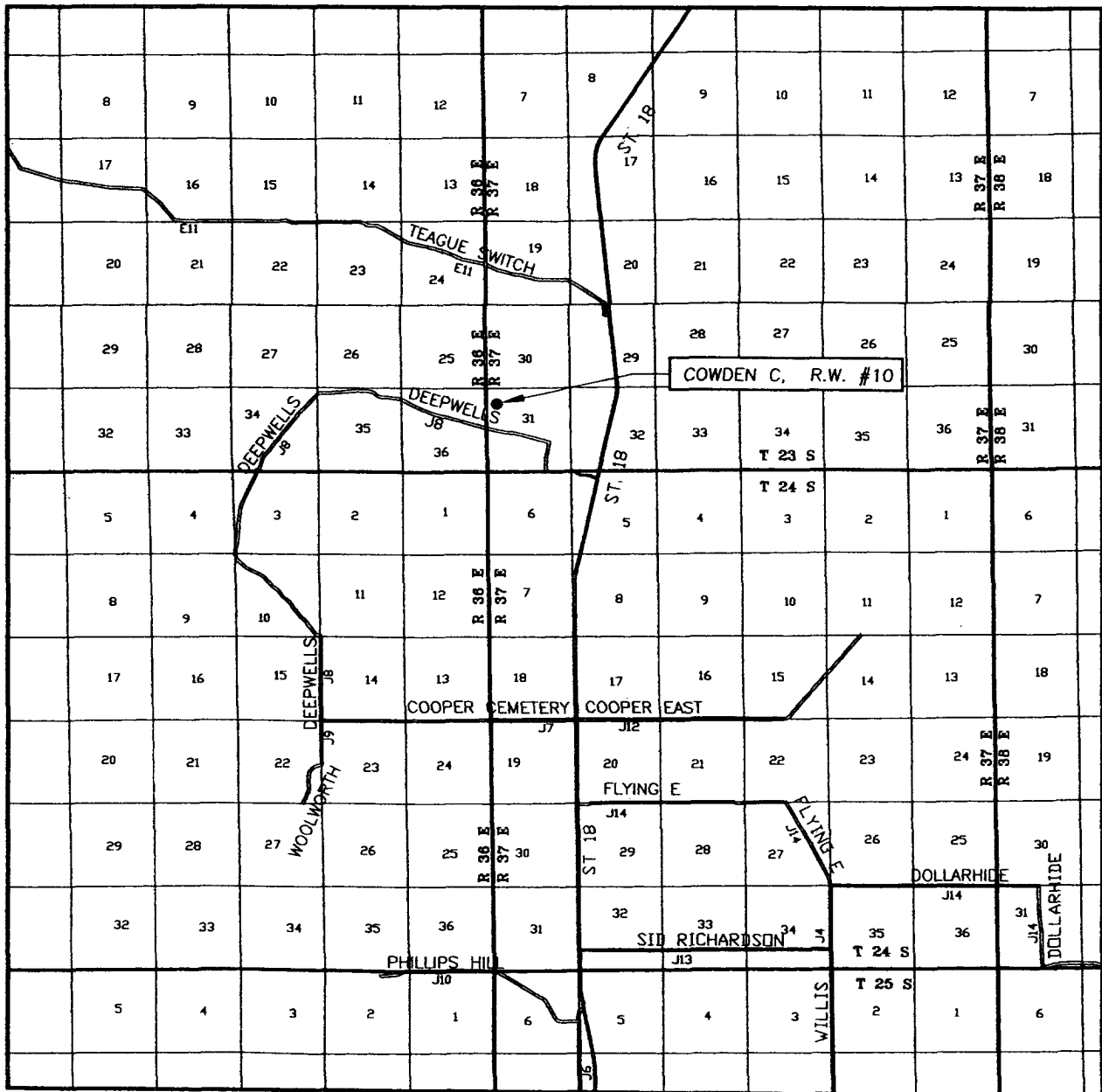


PLANTATION OPERATING, LLC

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.


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

VICINITY MAP



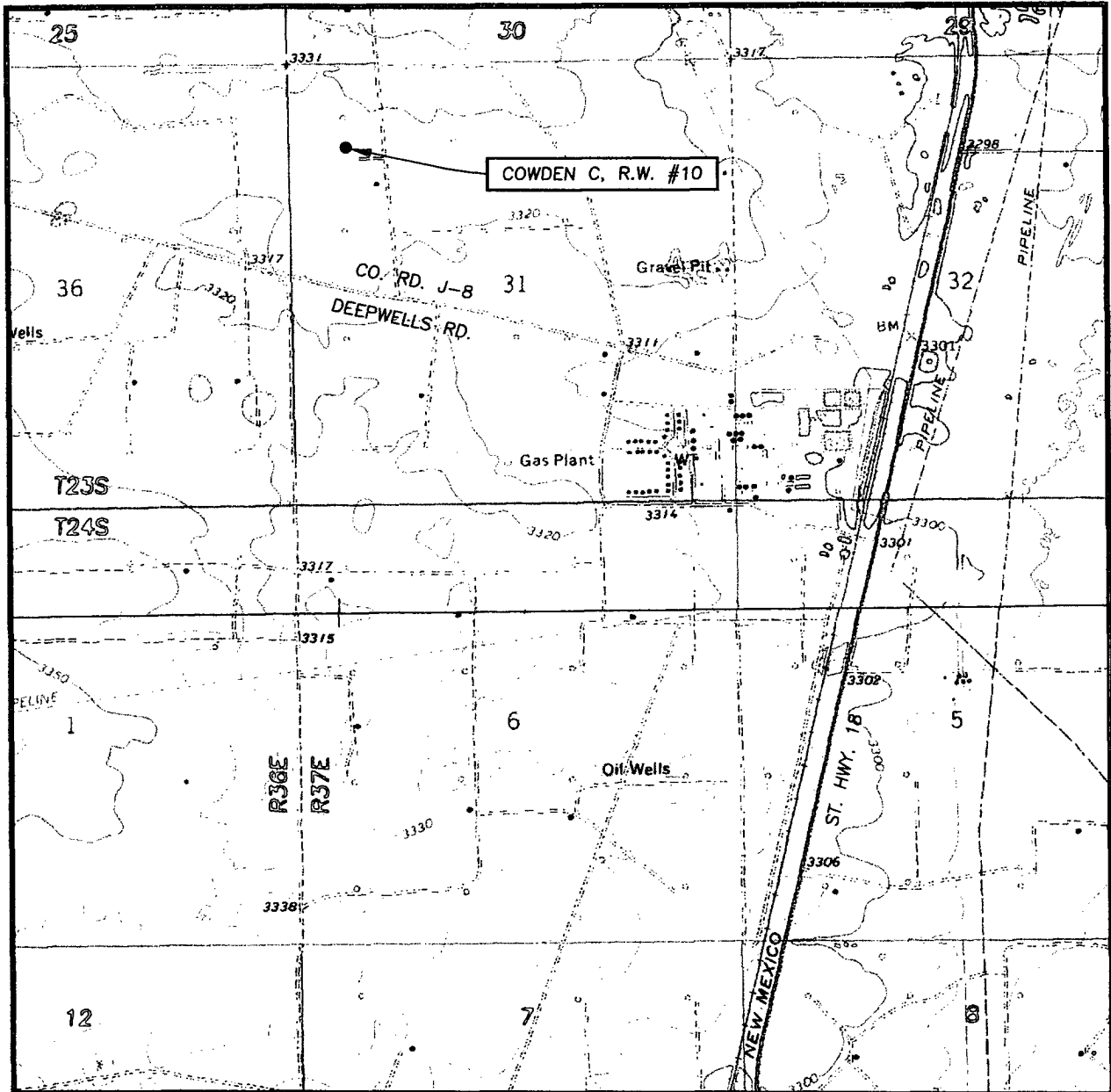
SCALE: 1" = 2 MILES

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.



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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
JAL NW, N.M. - 10'
RATTLESNAKE CANYON, N.M. - 10'

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

SURVEY _____ N.M.P.M.

COUNTY LEA STATE NEW MEXICO

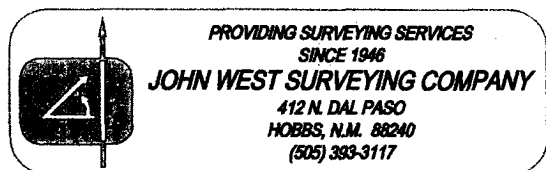
DESCRIPTION 990' FNL & 660' FWL

ELEVATION 3325'

OPERATOR PLANTATION OPERATING, LLC

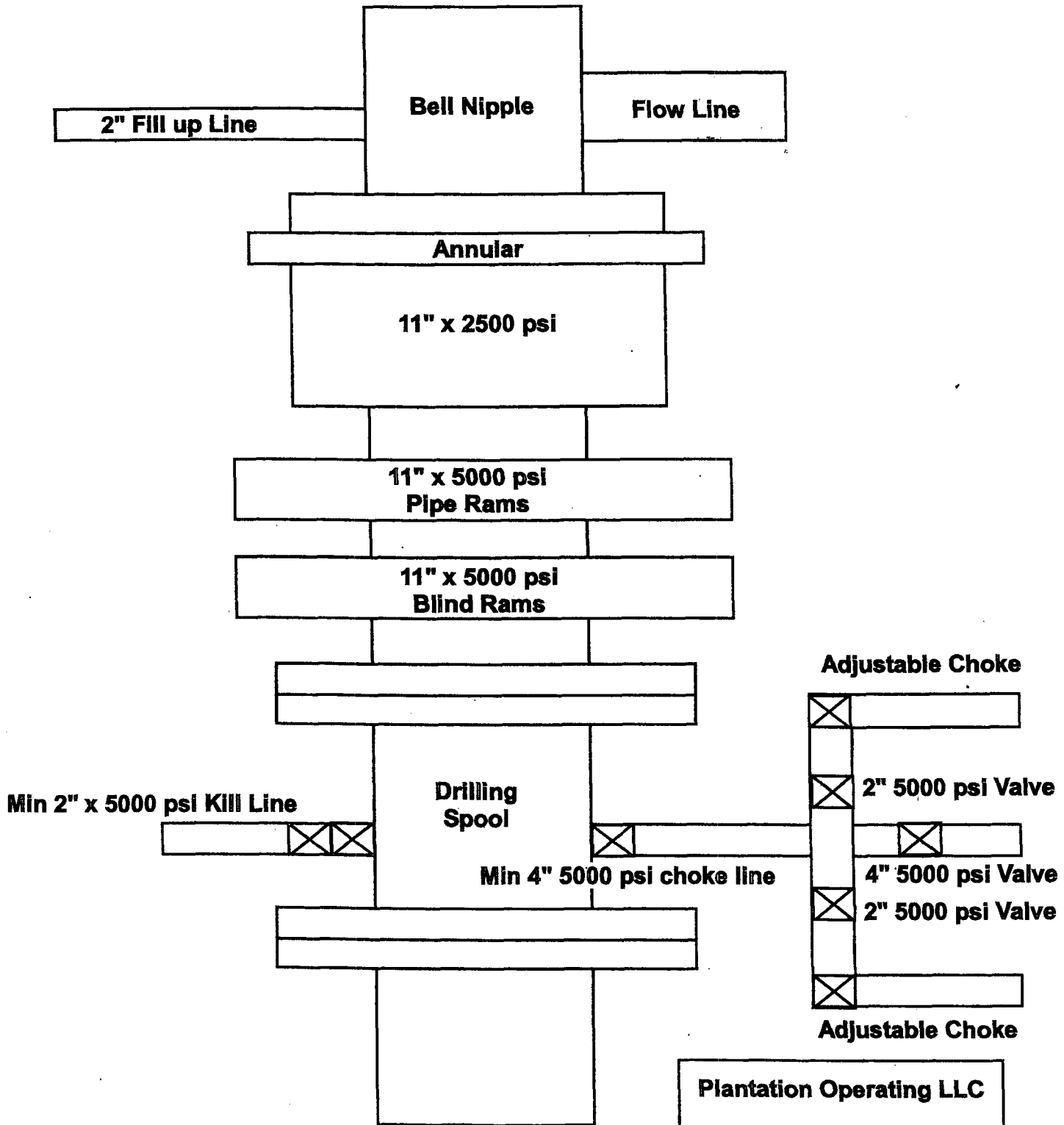
LEASE COWDEN C. R.W.

U.S.G.S. TOPOGRAPHIC MAP
JAL NW, N.M.



Plantation Operating, LLC

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



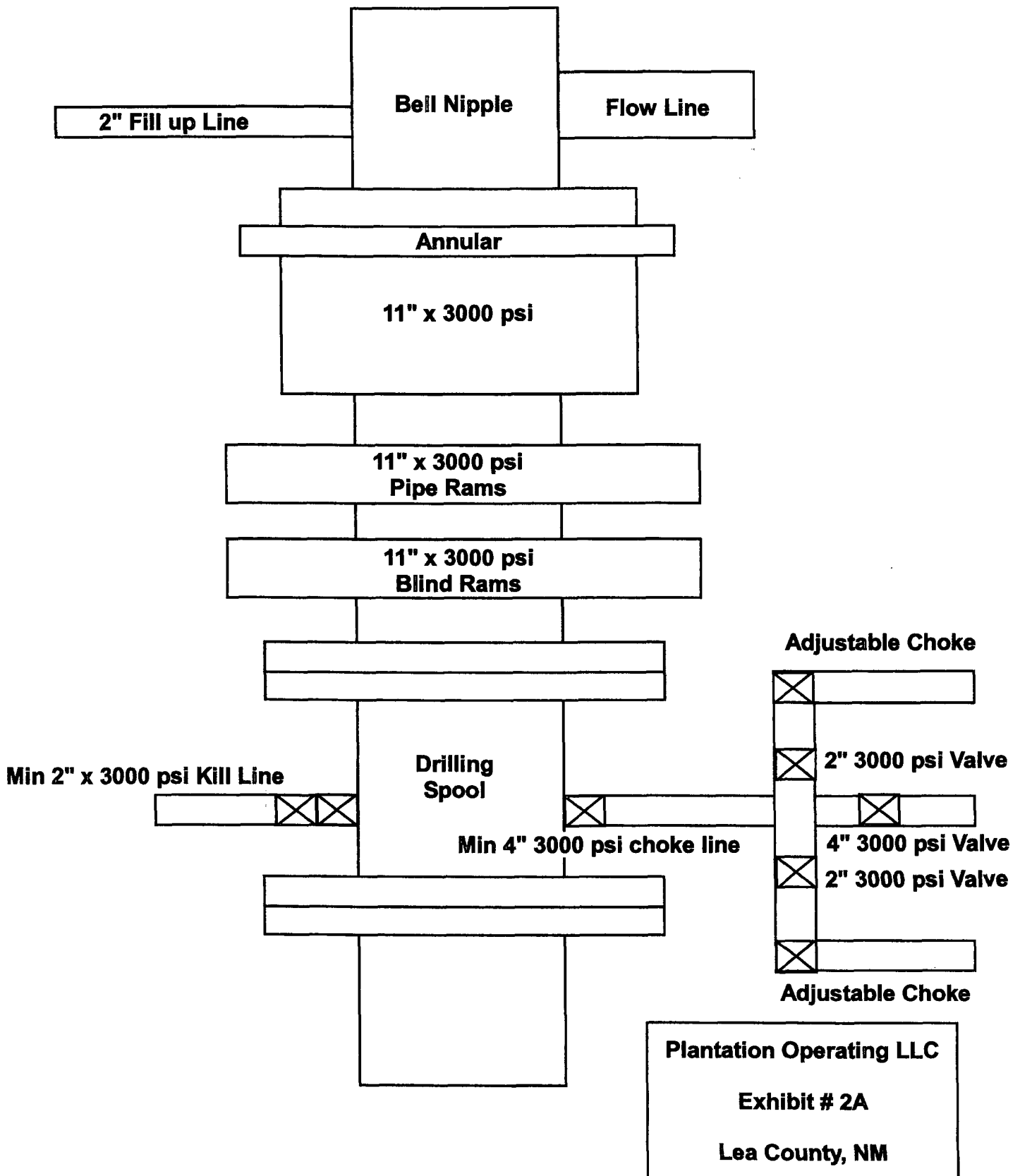
Plantation Operating LLC

Exhibit # 2A

Lea County, NM

Plantation Operating, LLC

BOP Schematic for 6-1/8 or- 7-7/8" 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: <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>30-025-37969</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 type="checkbox"/> Indian <input checked="" 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:
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: 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:

PETROLEUM ENGINEER

JUN 23 2006

 The sender of this message has requested a read receipt. [Click here to send a receipt.](#)

Mull, Donna, EMNRD

From: Phillips, Dorothy, EMNRD
To: Mull, Donna, EMNRD
Cc:
Subject: RE: Financial Assurance Requirement
Attachments:

Sent: Thu 6/22/2006 8:29 AM

Plantation has to submit a one well bond for 30-025-25962 according to Jane's list.
All of the have a blanket bond and the rest do not appear on Jane's list.

From: Mull, Donna, EMNRD
Sent: Thursday, June 22, 2006 8:13 AM
To: Phillips, Dorothy, EMNRD
Cc: Macquesten, Gail, EMNRD; Sanchez, Daniel J., EMNRD
Subject: Financial Assurance Requirement

Dorothy,

Is the Financial Assurance Requirement for these Operators OK?

Plantation Operating LLC (237788)
COG Operating LLC (229137)
Range Operating New Mexico Inc (227588)
Pogo Producing Co (17891)

I have checked the Inactive well list for each Operator.

Please let me know. Thanks and have a nice day. Donna