

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101  
Revised November 14, 2012

**HOBBS OCE Energy Minerals and Natural Resources**

**Oil Conservation Division**

AMENDED REPORT

JUN 17 2013

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

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

<sup>1</sup> Operator Name and Address LINN OPERATING, INC. 600 Travis, Suite 5100 Houston, Texas 77002		<sup>2</sup> OGRID Number 269324
		<sup>3</sup> API Number 30025-41218
<sup>4</sup> Property Code 309534	<sup>5</sup> Property Name CAPROCK MALJAMAR UNIT	<sup>6</sup> Well No. 602

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	28	17S	33E		2605'	NORTH	388'	WEST	LEA

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	28	17S	33E		2605'	NORTH	388'	WEST	LEA

**9. Pool Information**

Pool Name Maljamar;Grayburg-San Andres	Pool Code 43329
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**Additional Well Information**

<sup>11</sup> Work Type N	<sup>12</sup> Well Type O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type S	<sup>15</sup> Ground Level Elevation 4185'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 5500'	<sup>18</sup> Formation San Andres	<sup>19</sup> Contractor TBD	<sup>20</sup> Spud Date 09/01/2013
Depth to Ground water 1373'	Distance from nearest fresh water well 1162'		Distance to nearest surface water 5773'	

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	12-1/4"	8-5/8"	24.00#/J55 STC	1400'	721	Surface
Production	7-7/8"	5-1/2"	15.50#/J55 LTC	5500'	757	Surface

**Casing/Cement Program: Additional Comments**

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DOUBLE	2000 PSI	3000 PSI	CAMERON

**Permit Expires 2 Years 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 I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature: <i>Terry Callahan</i>	OIL CONSERVATION DIVISION	
	Approved By: <i>[Signature]</i>	Title: Petroleum Engineer
Printed name: Terry Callahan	Approved Date: 06/18/13	Expiration Date: 06/18/15
Title: Regulatory Compliance Specialist III		
E-mail Address: tcallahan@linenergy.com		
Date: 6/12/2013	Phone: 281-840-4272	Conditions of Approval Attached

**HOBBS OCD**

DISTRICT I  
3829 N. French Dr., Hobbs, NM 88240  
Phone (575) 384-0191 Fax: (575) 384-0789

DISTRICT II  
1501 U. Grand Avenue, Artesia, NM 88210  
Phone (575) 746-1253 Fax: (575) 746-0720

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone (505) 334-0115 Fax: (505) 334-0170

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 476-3480 Fax: (505) 476-3482

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

JUN 17 2013

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

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number <b>30025-41218</b>	Pool Code <b>43329</b>	Pool Name <b>Maljamar, Grayburg-San Andres</b>
Property Code <b>309534</b>	Property Name <b>CAPROCK MALJAMAR UNIT</b>	Well Number <b>602</b>
OGRID No. <b>269324</b>	Operator Name <b>LINN OPERATING, INC.</b>	Elevation <b>4185'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>E</b>	<b>28</b>	<b>17 S</b>	<b>33 E</b>		<b>2605</b>	<b>NORTH</b>	<b>388</b>	<b>WEST</b>	<b>LEA</b>

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

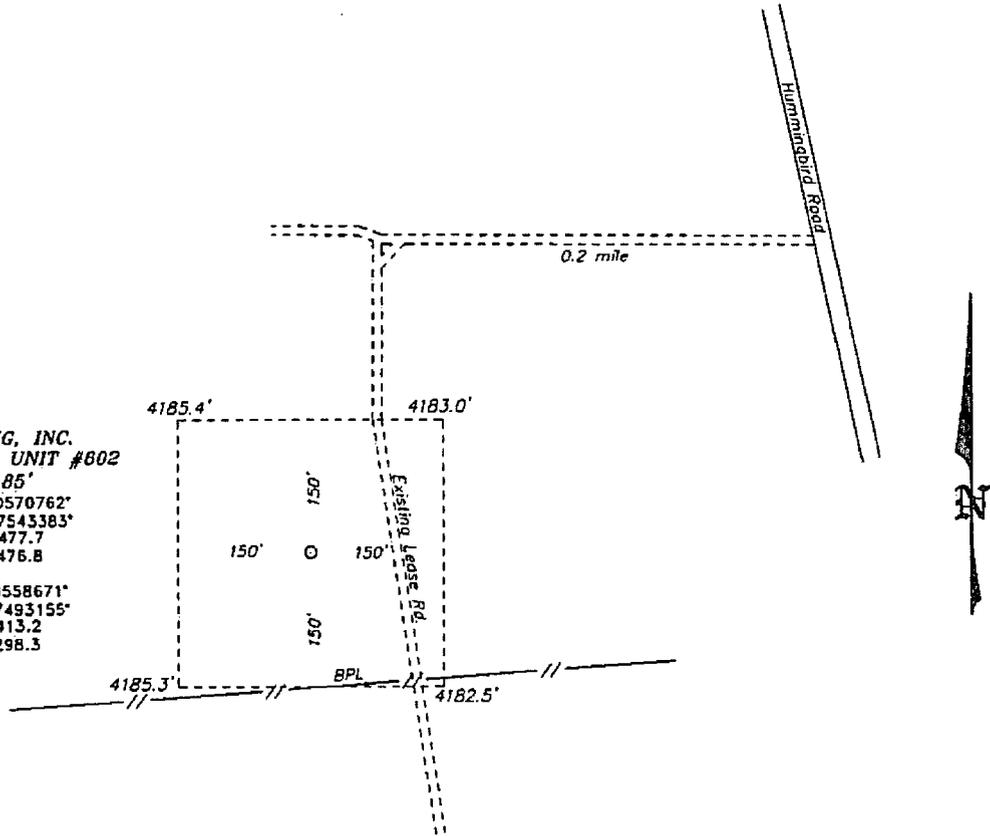
Dedicated Acres <b>40</b>	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>N 66076.297 E 743071.383 (NAD-83)</p> <p>2605'</p> <p>388'</p> <p>N 657439.058 E 743089.189 (NAD-83)</p> <p>N 654803.971 E 743107.393 (NAD-83)</p>	<p>N 660103.490 E 745705.465 (NAD-83)</p>	<p>N 660128.293 E 748342.884 (NAD-83)</p>	<p><b>OPERATOR CERTIFICATION</b></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 or has a right to drill this well at this 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 the division.</p> <p><i>Signature</i> <u>Terry Callahan</u> <i>Date</i> <u>6/12/2013</u></p> <p>Printed Name <u>Terry Callahan</u></p> <p>Email Address <u>tcallahan@linenergy.com</u></p>
	<p><b>SURFACE LOCATION</b></p> <p>Lat - N 32.80570762° Long - W 103.67543383° NMSPC - N 657477.7 E 743476.8 (NAD-83)</p> <p>Lat - N 32.80558671° Long - W 103.67493155° NMSPC - N 657413.2 E 702298.3 (NAD-27)</p>	<p>N 657489.148 E 748363.014 (NAD-83)</p>	

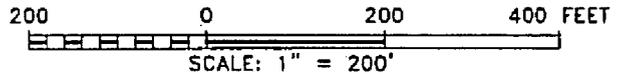
**SECTION 28, TOWNSHIP 17 SOUTH, RANGE 33 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.**

**LINN OPERATING, INC.**  
**CAPROCK MALJAMAR UNIT #602**  
 ELEV. - 4185'  
 Lat - N 32.80570762°  
 Long - W 103.67543383°  
 NMSPCE- N 657477.7  
           E 743476.8  
 (NAD-83)  
 Lat - N 32.80558671°  
 Long - W 103.67493155°  
 NMSPCE- N 657413.2  
           E 702298.3  
 (NAD-27)



**DIRECTIONS TO LOCATION:**

FROM THE JUNCTION OF MESCALERO ROAD AND HUMMINGBIRD ROAD, GO NORTH ON HUMMINGBIRD ROAD FOR 0.2 MILE, THEN WEST ON LEASE ROAD FOR 0.2 MILE, THEN SOUTH ON LEASE ROAD TO PROPOSED WELL PAD.



**LINN OPERATING, INC.**

REF: CAPROCK MALJAMAR UNIT #602 / WELL PAD TOPO

THE CAPROCK MALJAMAR UNIT #602 LOCATED 2605' FROM  
 THE NORTH LINE AND 388' FROM THE WEST LINE OF  
 SECTION 28, TOWNSHIP 17 SOUTH, RANGE 33 EAST,  
 N.M.P.M., LEA COUNTY, NEW MEXICO.

**BASIN SURVEYS** P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 28303      Drawn By: K. GOAD

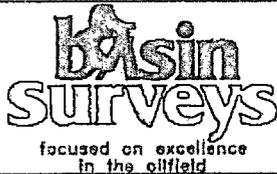
Date: 04-01-2013      Disk: KJG - 28303WELL

Survey Date: 03-22-2013      Sheet 1 of 1 Sheets



**CAPROCK MALJAMAR UNIT #602**

*Located 2605' FNL and 388' FWL  
 Section 28, Township 17 South, Range 33 East,  
 N.M.P.M., Lea County, New Mexico.*



P.O. Box 1786  
 1120 N. West County Rd.  
 Hobbs, New Mexico 88241  
 (575) 393-7316 - Office  
 (575) 392-2206 - Fax  
 basinsurveys.com

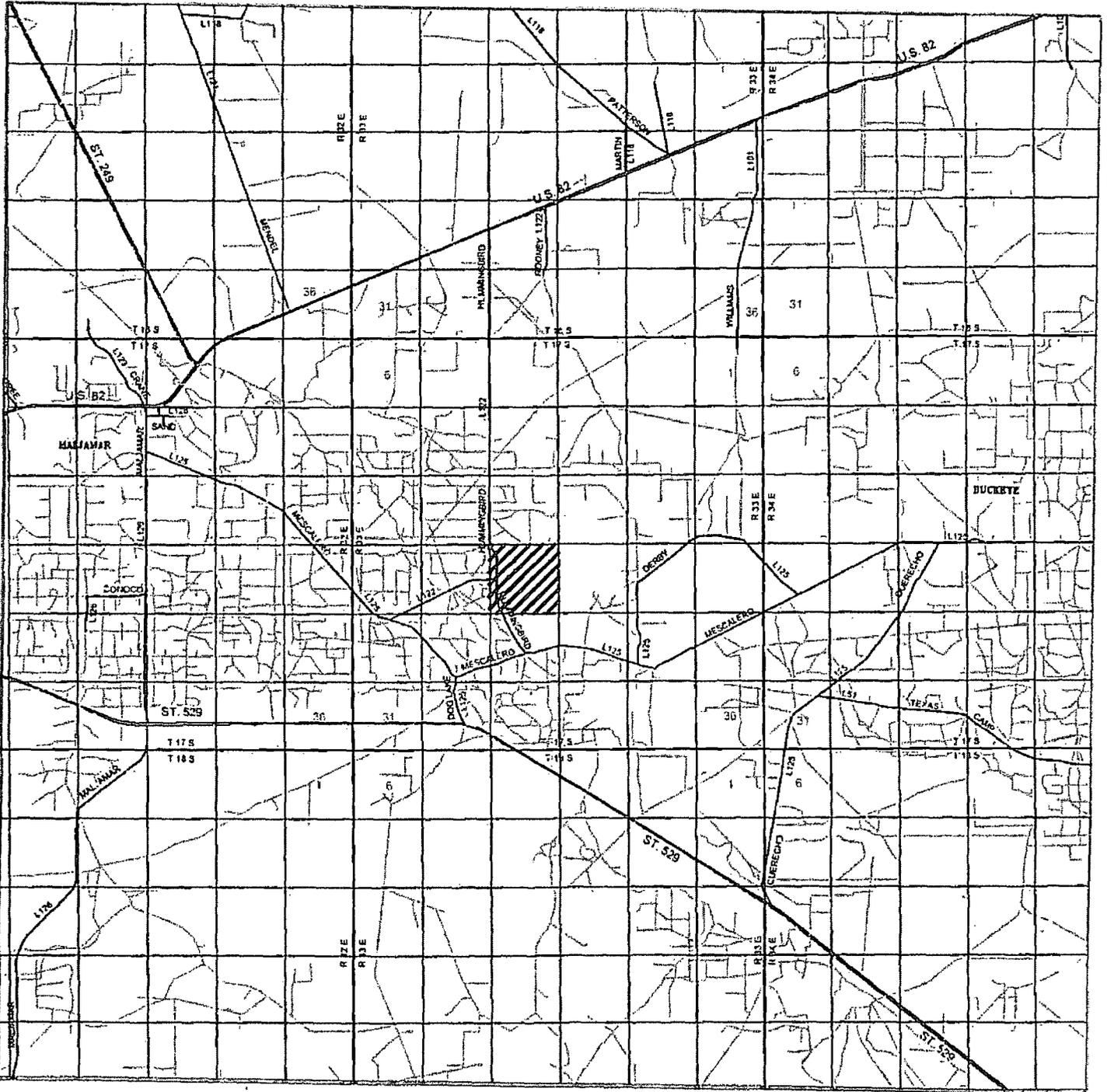
W.O. Number: KJG - 28303

Survey Date: 03-22-2013

Scale: 1" = 2000'

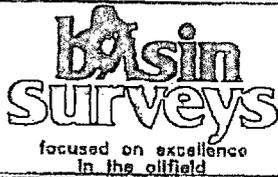
Date: 04-01-2013

**LINN  
 OPERATING, INC.**



**CAPROCK MALJAMAR UNIT #602**

Located 2605' FNL and 388' FWL  
 Section 28, Township 17 South, Range 33 East,  
 N.M.P.M., Lea County, New Mexico.



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 basin-surveys.com

W.O. Number: KJG - 28303

Survey Date: 03-22-2013

Scale: 1" = 2 Miles

Date: 04-01-2013

LINN  
 OPERATING, INC.



**CAPROCK MALJAMAR UNIT #602**

*Located 2605' FNL and 388' FWL*

*Section 28, Township 17 South, Range 33 East,  
N.M.P.M., Lea County, New Mexico.*

**basin**  
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in the oilfield

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Scale: 1" = 2000'

YELLOW TINT - USA LAND  
BLUE TINT - STATE LAND  
NATURAL COLOR - FEE LAND

**LINN**  
**OPERATING, INC.**