

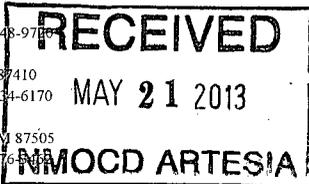
District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

State of New Mexico

Form C-101
Revised November 14, 2012

Energy Minerals and Natural Resources

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9716



Oil Conservation Division

AMENDED REPORT

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

1220 South St. Francis Dr.

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

Santa Fe, NM 87505

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

¹ Operator Name and Address LEGEND NATURAL GAS III, LP 15021 KATY FREEWAY, SUITE 200 HOUSTON, TX 77094		² OGRID Number 258894
⁴ Property Code 305422		³ API Number 30-015- 41405
³ Property Name PARDUE 19 COM		⁶ Well No 3H.

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
P	19	24S	28E		100	S	1140	E	EDDY

⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	19	24S	28E		330	N	390	E	EDDY

⁹ Pool Information

Pool Name	Pool Code
WILLOW LAKE; BONE SPRING	64450

Additional Well Information

¹¹ Work Type N	¹² Well Type O	¹³ Cable/Rotary R	¹⁴ Lease Type FEE	¹⁵ Ground Level Elevation 3072 GR
¹⁶ Multiple N	¹⁷ Proposed Depth 7900 TVD, 12700 MD	¹⁸ Formation BONE SPRING	¹⁹ Contractor	²⁰ Spud Date UPON ARRIVAL
Depth to Ground water 48'	Distance from nearest fresh water well 3837' SOUT OF NEAREST WATER WELL		Distance to nearest surface water >2500' SW OF PLAYA	

²¹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
SURFACE	17.5	48	48	400' TVD	445	GL
INTERMED.	12.25	9625	36	2500' TVD	655	GL
PROD.	7.785	5.5	17	7900' TVD, 12700' MD	1700	GL

Casing/Cement Program: Additional Comments

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²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
	5000	3500	

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 I have complied with 19.15.14.9 (A) NMAC and/or 19.15.14.9 (B) NMAC , if applicable.

Signature: *Jennifer Mosley*

Printed name: JENNIFER MOSLEY

Title: SR. REGULATORY ANALYST

E-mail Address: jmosley@lng2.com

Date: 05/17/2013

Phone: 817-872-7822

OIL CONSERVATION DIVISION

Approved By: *RR Dade*

Title: *DIST II Supervisor*

Approved Date: *5/28/2013* Expiration Date: *5/28/2015*

Conditions of Approval Attached

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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-41405	Pool Code [64450]	Pool Name Willow Lake, Bone Springs
Property Code 305422	Property Name PARDUE 19 COM	Well Number 3H
OGRID No. 258894	Operator Name LEGEND NATURAL GAS III, L.P.	Elevation 3072

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	19	24 S	28 E		100	SOUTH	1140	EAST	EDDY

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
A	19	24 S	28 E		330	NORTH	390	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

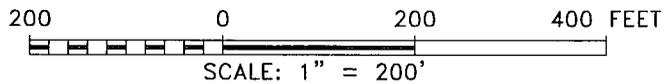
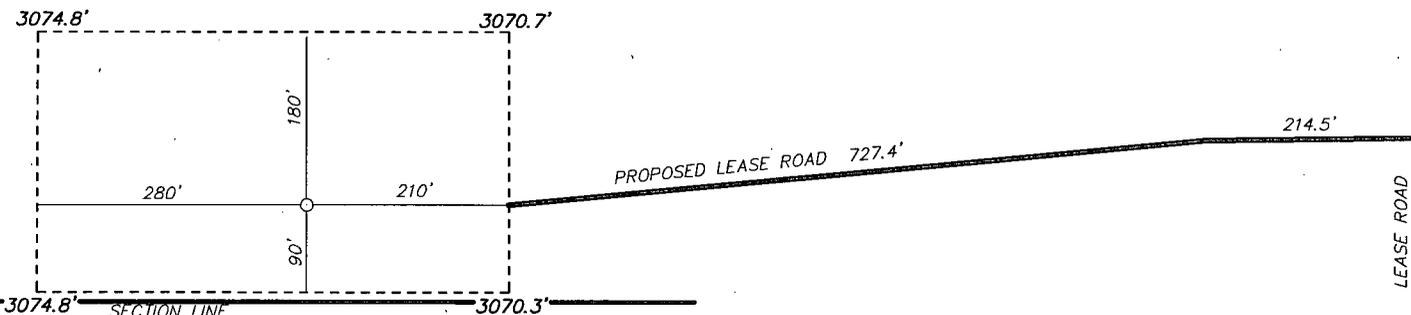
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>N.: 440327.91 E.: 602522.41</p> <p>LOT 1</p> <p>LOT 2</p> <p>N.: 432418.32 E.: 607883.91</p> <p>LOT 3</p> <p>LOT 4</p> <p>N.: 435010.06 E.: 602532.75</p>	<p>N.: 440360.51 E.: 605185.24</p> <p>PROPOSED BOTTOM HOLE Lat - N 32°12'34.61" Long - W 104°07'10.35" NMSPC- N 440057.2 E 607458.9 (NAD-83)</p>	<p>N.: 440391.67 E.: 607846.93</p> <p>390'</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 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>Jennifer Mosley</i> 05/14/2013 Signature Date</p> <p>JENNIFER MOSLEY Printed Name</p> <p><i>jmosley@lng2.com</i> Email Address</p>	
			<p>N.: 437745.53 E.: 607862.15</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>N.: 435098.97 E.: 607880.44</p> <p>1140'</p>	<p>Date Surveyed APRIL 28 2013</p> <p>Signature <i>[Signature]</i> Professional Surveyor</p>
			<p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS 28605</p>	

SECTION 19, TOWNSHIP 24 SOUTH, RANGE 28 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO.

LEGEND NATURAL GAS III, L.P.
 PARDUE 19 COM #3H
 ELEV. - 3072'

Lat - N 32°11'46.36"
 Long - W 104°07'18.83"
 NMSPE - N 435180.0
 E 606740.1
 (NAD-83)



Directions to Location:

FROM THE JUNCTION OF BLACK RIVER VILLAGE AND
 OGDEN, GO SOUTH ON LEASE ROAD FOR 2.1 MILES
 TO PROPOSED LEASE ROAD.

LEGEND NATURAL GAS III, L.P.

REF: PARDUE 19 COM #3H / WELL PAD TOPO

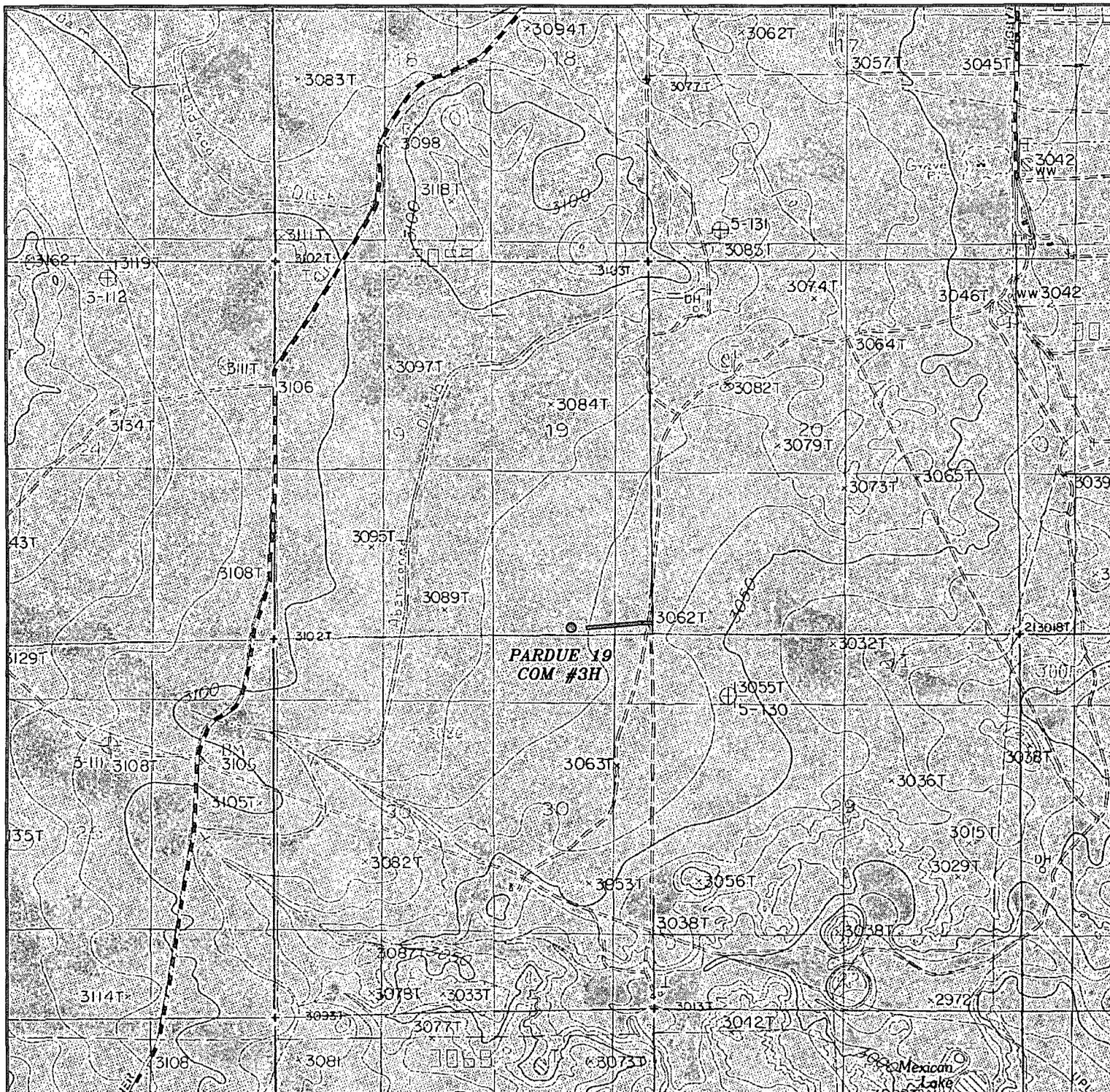
THE PARDUE 19 COM #3H LOCATED 100'
 FROM THE SOUTH LINE AND 1140' FROM THE EAST LINE OF
 SECTION 19, TOWNSHIP 24 SOUTH, RANGE 28 EAST,
 N.M.P.M., EDDY COUNTY, NEW MEXICO.

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

W.O. Number: 28605 Drawn By: D. JONES

Date: 04-29-2013 Disk: DAJ 28605

Survey Date: 04-28-2013 Sheet 1 of 1 Sheets



PARDUE 19 COM #3H
 Located 100' FSL and 1140' FEL
 Section 19, Township 24 South, Range 28 East,
 N.M.P.M., Eddy County, New Mexico.



focused on excellence
in the oilfield

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: DAJ 28605

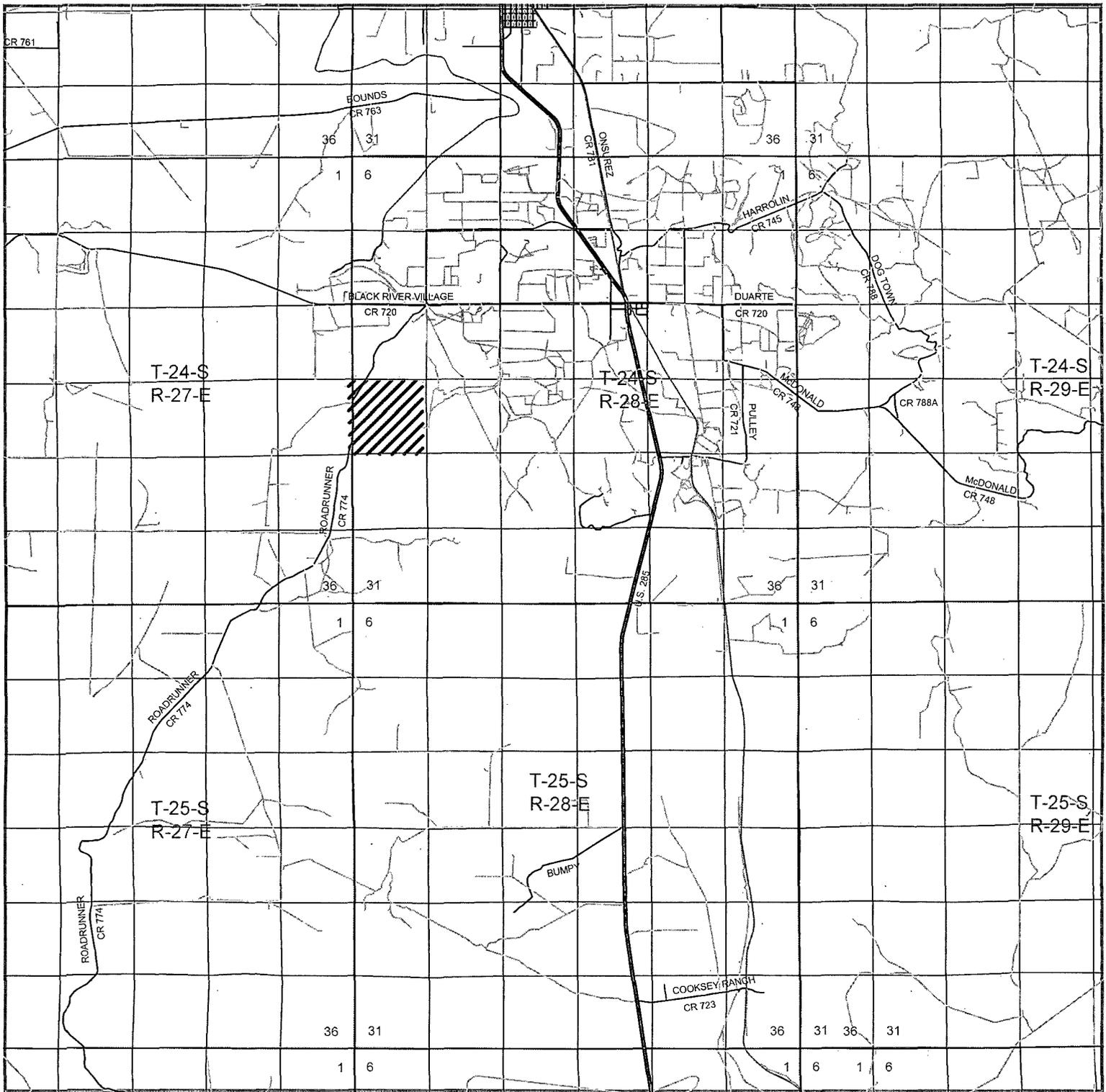
Survey Date: 04-28-2013

Scale: 1" = 2000'

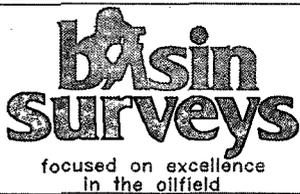
Date: 04-29-2013



LEGEND
NATURAL GAS
III, L.P.



PARDUE 19 COM #3H
 Located 100' FSL and 1140' FEL
 Section 19, Township 24 South, Range 28 East,
 N.M.P.M., Eddy County, New Mexico.



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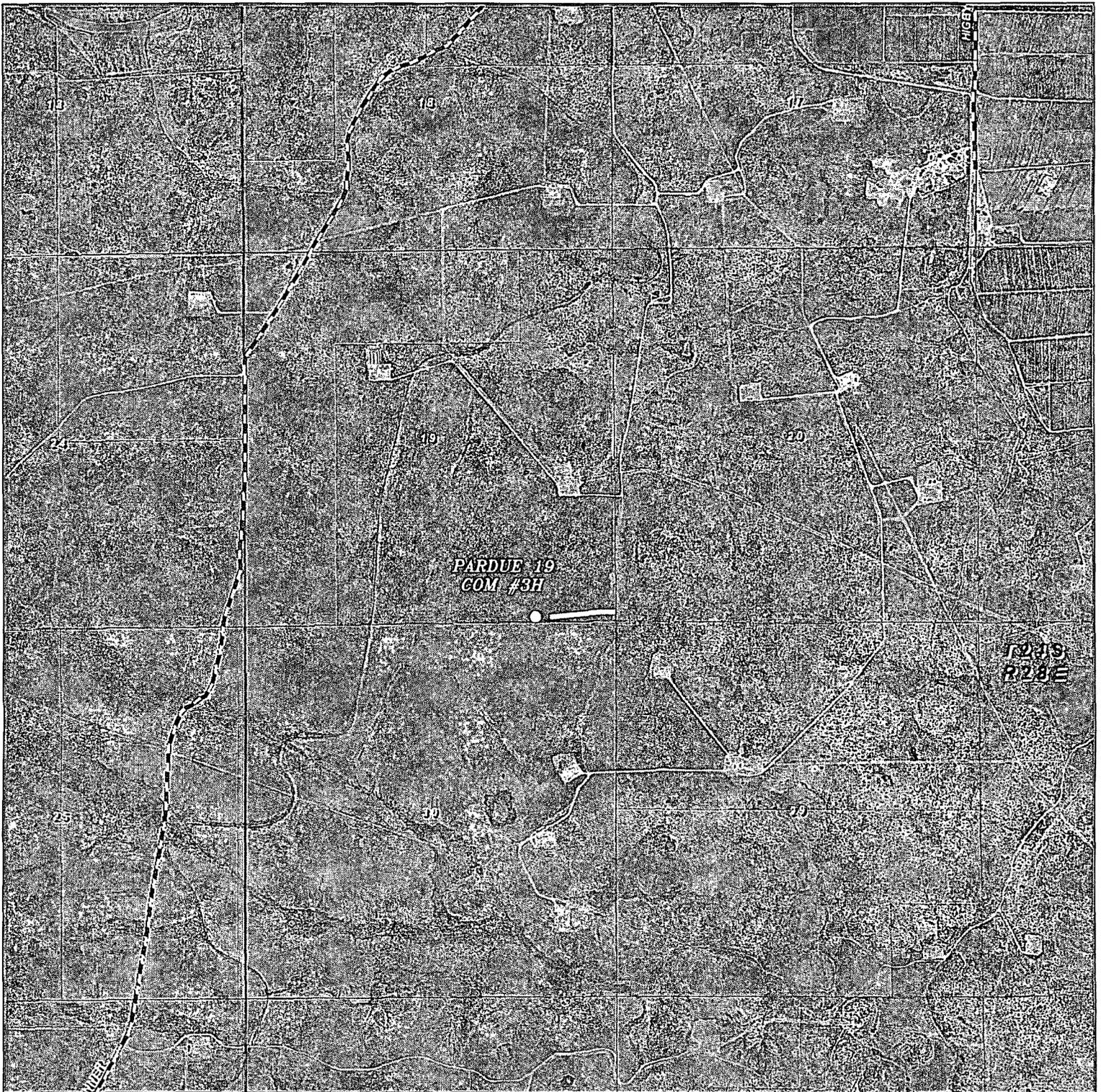
Survey Date: 04-28-2013

Scale: 1" = 2 Miles

Date: 04-29-2013



LEGEND
NATURAL GAS
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 N.M.P.M., Eddy County, New Mexico.



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



LEGEND
NATURAL GAS
III, L.P.