

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
Energy Minerals and Natural Resources

HOBBS OCD

Form C-101
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

AUG 09 2012

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Permit

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

¹ Operator Name and Address GMT Exploration Company, LLC 1560 Broadway, Suite 2000 Denver, CO 80202		² OGRID Number 260511
		³ API Number 30025-40717
⁴ Property Code 38999	⁵ Property Name Prior State	⁶ Well No 4H

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
Lot 4	1	23S	34E		20	North	430	West	Lea

⁸ Pool Information

Ojochiso; Bone Spring, South	97293
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Additional Well Information

⁹ Work Type N	¹⁰ Well Type O	¹¹ Cable/Rotary R	¹² Lease Type S	¹³ Ground Level Elevation 3380
¹⁴ Multiple NO	¹⁵ Proposed Depth 13343	¹⁶ Formation Bone Spring	¹⁷ Contractor	¹⁸ Spud Date 10/01/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

¹⁹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14 3/4	11 3/4	42.0	650	335	0
Int	10 3/8	8 5/8	36.0	5660	840	0
Prod	7 7/8	5 1/2	20.0	13434	1850	5000

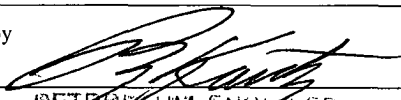
Casing/Cement Program: Additional Comments

H ₂ S is not anticipated for this well.
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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

Permit Expires 2 Years From Approval
Date Unless Drilling Underway

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	
Printed name Keith Kress		Approved By 	
Title: VP OPERATIONS		Title: PETROLEUM ENGINEER	
E-mail Address kress@gmtexploration.com		Approved Date AUG 10 2012	
Date: 8/3/2012		Expiration Date:	
Phone: 303-586-9281		Conditions of Approval Attached	

AUG 13 2012

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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

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CONSERVATION DIVISION

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-40717	Pool Code 97293	Pool Name Ojo Chismo; Bone Spring
Property Code 38999	Property Name PRYOR STATE	Well Number 4H
OGRID No. 260511	Operator Name GMT EXPLORATION CO., LLC	Elevation 3378'

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 4	1	23 S	34 E		20	NORTH	430	WEST	LEA

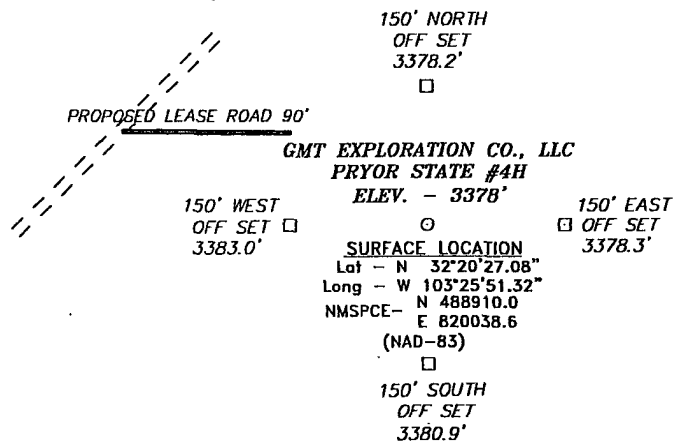
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	1	23 S	34 E		330	SOUTH	430	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

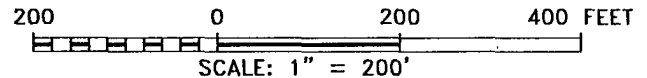
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

430' 20' LOT 4 LOT 3 LOT 2 LOT 1 SURFACE LOCATION Lat - N 32°20'27.08" Long - W 103°25'51.32" NMSPCE - N 488910.0 E 820038.6 (NAD-83) BOTTOM HOLE LOCATION Lat - N 32°19'38.29" Long - W 103°25'51.29" NMSPCE - N 483979.0 E 820082.9 (NAD-83) 430' 330'	OPERATOR CERTIFICATION 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. Signature <i>[Signature]</i> Date 8/3/2012 Printed Name Keith Kress Email Address kkress@gmtexploration.com SURVEYOR CERTIFICATION 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. Date Surveyed July 1, 2012 Signature & Seal of Professional Surveyor <i>[Signature]</i> Certificate No. Gary L. Jones 7977 BASIN SURVEYS 27060
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SECTION 1, TOWNSHIP 23 SOUTH, RANGE 34 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



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2012 AUG -8 PM 12:34



Directions to Location:

FROM THE JUNCTION OF ANTELOPE AND DELAWARE,
GO EAST ON DELAWARE FOR 1.3 MILES TO LEASE
ROAD, ON LEASE ROAD GO NORTH 1.0 MILES
TURNING NORTHEAST 1677' TO PROPOSED LEASE
ROAD.

GMT EXPLORATION CO., LLC

REF: PRYOR STATE #4H / WELL PAD TOPO

THE PRYOR STATE #4H LOCATED 20'

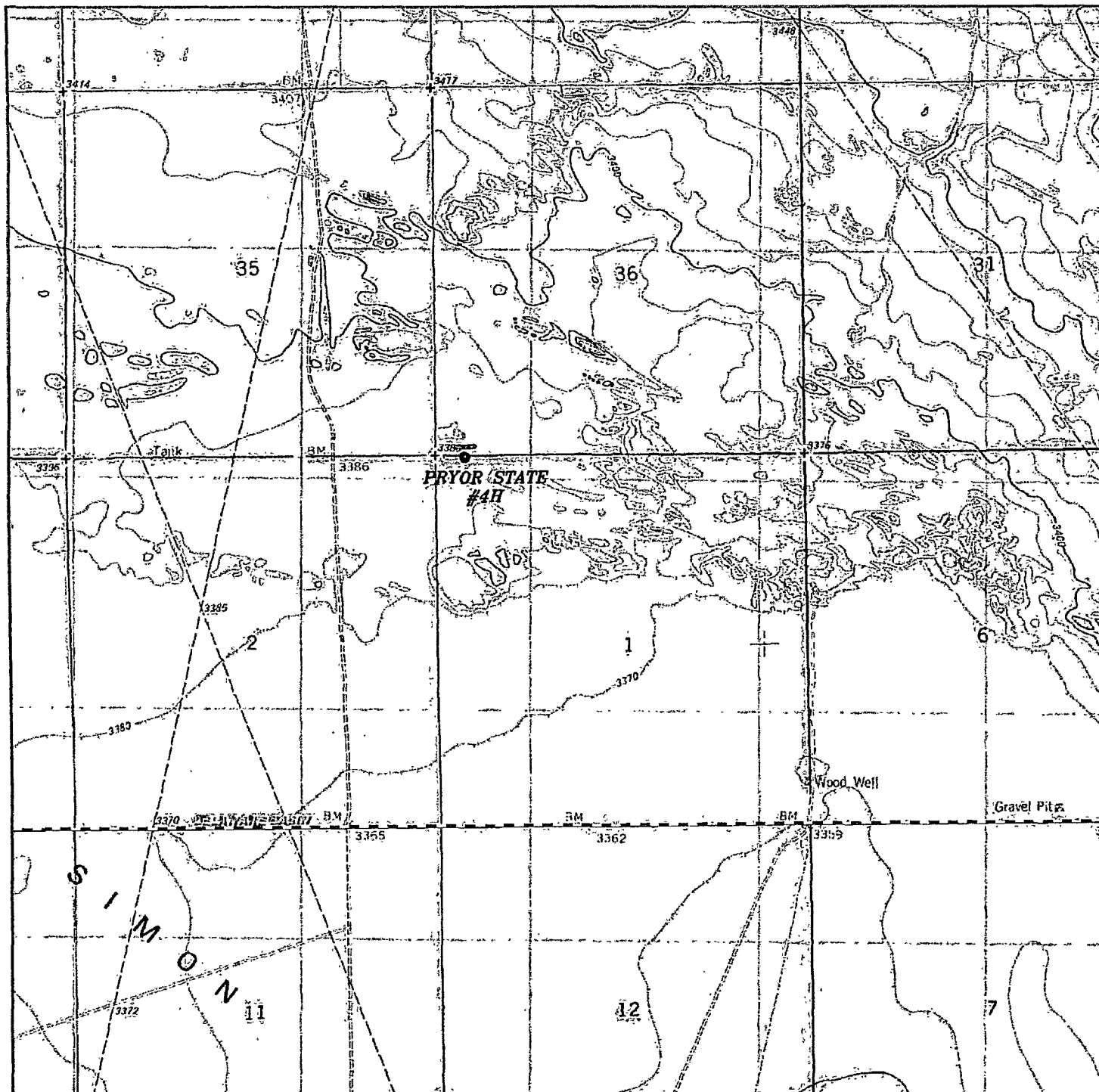
FROM THE NORTH LINE AND 430' FROM THE WEST LINE OF
SECTION 1, TOWNSHIP 23 SOUTH, RANGE 34 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

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

W.O. Number: 27060 Drawn By: D.JONES

Date: 07-16-2012 Disk: DAJ 27060

Survey Date: 07-13-2012 Sheet 1 of 1 Sheets



PRYOR STATE #4H

Located 20' FNL and 430' FWL

Section 1, Township 23 South, Range 34 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: DAJ 27060

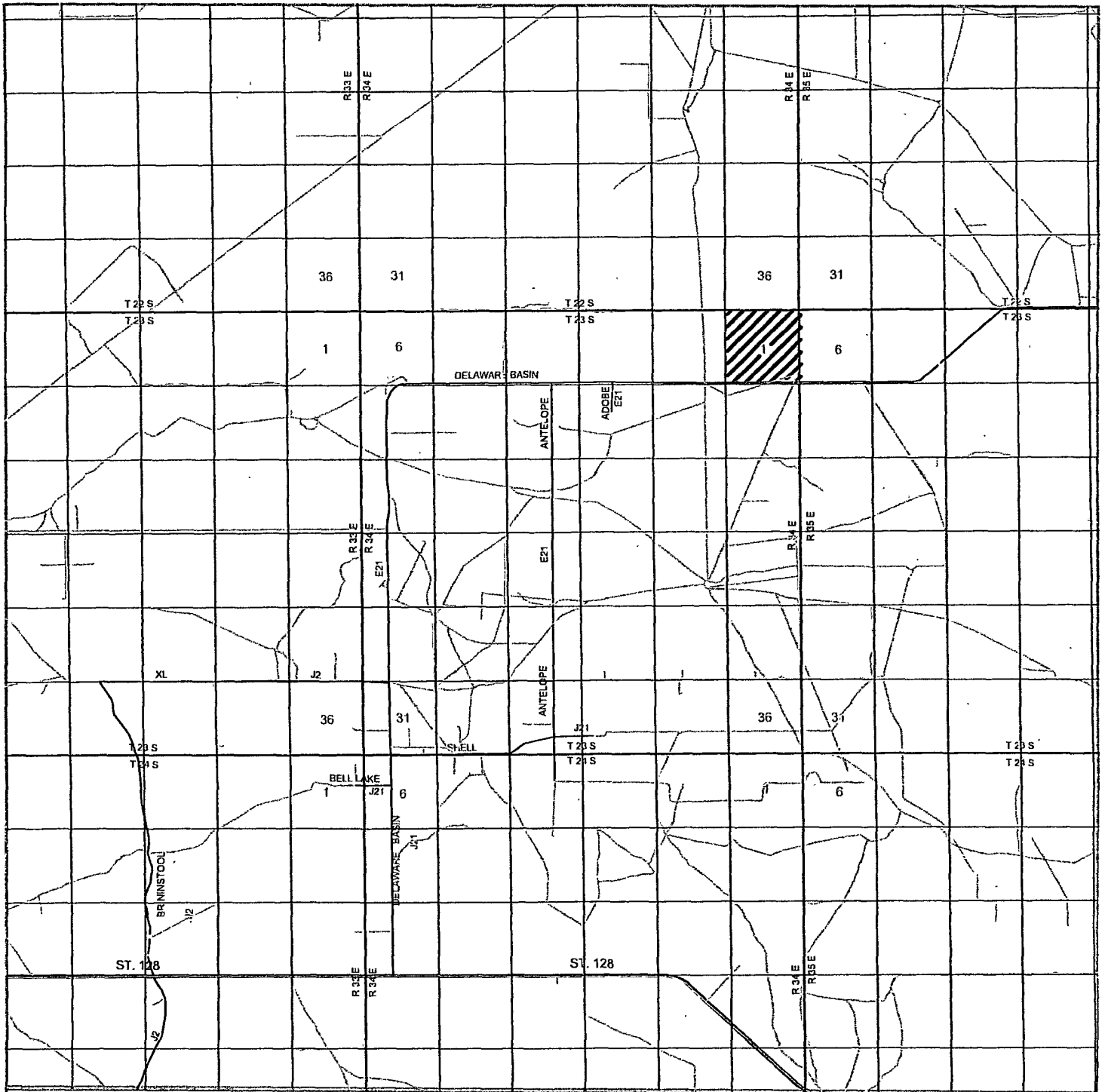
Survey Date: 07-13-2012

Scale: 1" = 2000'

Date: 07-16-2012



GMT
EXPLORATION
CO., LLC



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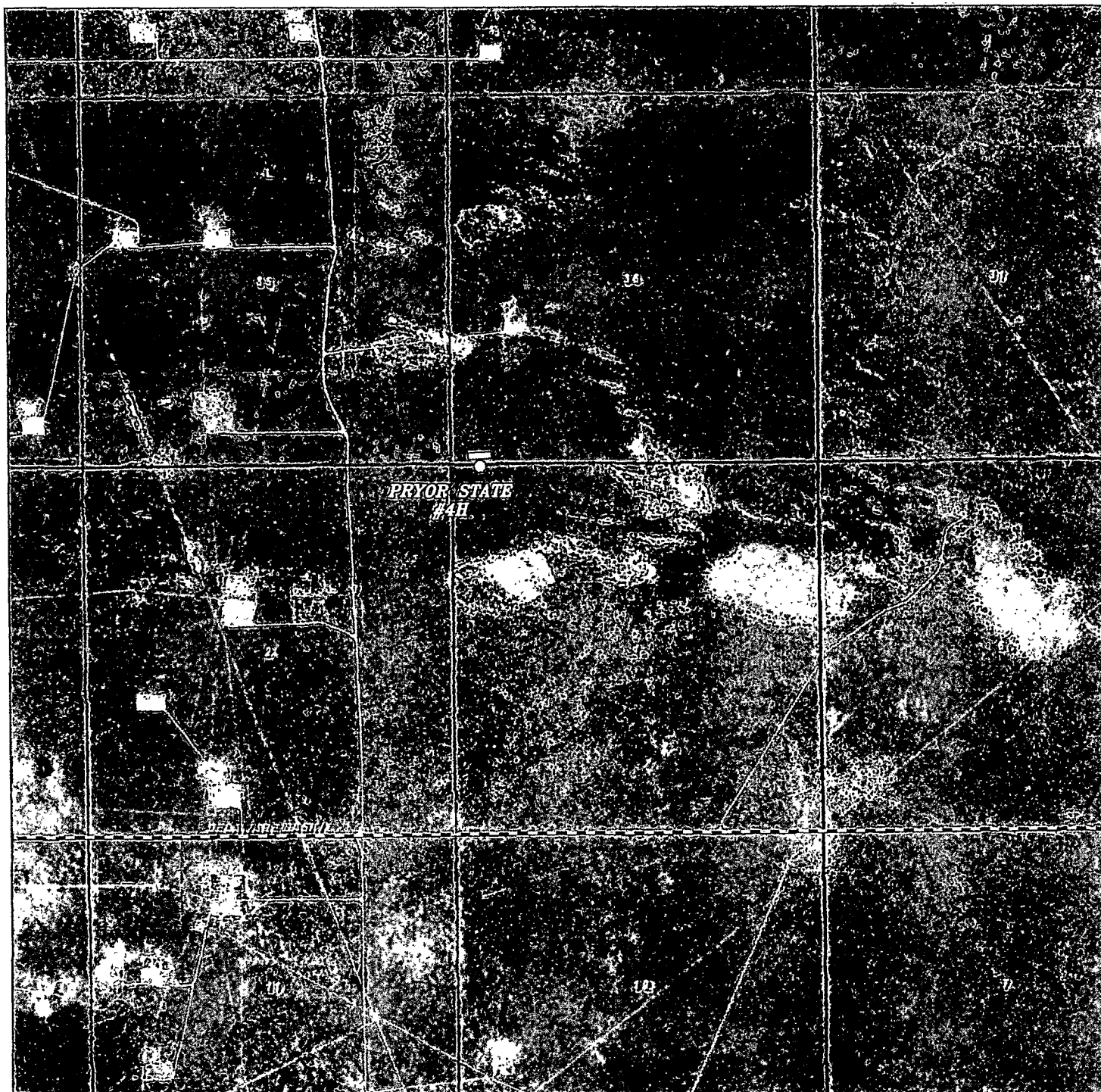
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Survey Date: 07-13-2012

Scale: 1" = 2 Miles

Date: 07-16-2012

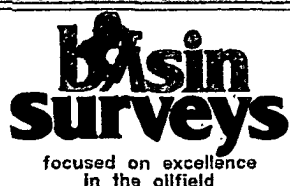
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YELLOW TINT - USA LAND
BLUE TINT - STATE LAND
NATURAL COLOR - FEE LAND



GMT
EXPLORATION
CO., LLC