

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 August 1, 2011

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Permit

HOBBS OCD  
AUG 06 2012  
RECEIVED

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

<sup>1</sup> Operator Name and Address GMT Exploration Company, LLC 1560 Broadway, Suite 2000 Denver, CO 80202		<sup>2</sup> OGRID Number 260511
		<sup>3</sup> API Number 30025-40715
<sup>4</sup> Property Code 38999	<sup>5</sup> Property Name Pryor State	<sup>6</sup> Well No. 2H

<sup>7</sup> Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
2N	36	22S	34E		20	South	1508	West	Lea

<sup>8</sup> Pool Information

050 Chis0; Bone Spring, South	97293
-------------------------------	-------

Additional Well Information

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

<sup>19</sup> 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

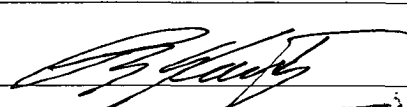
Casing/Cement Program: Additional Comments

H <sub>2</sub> S is not anticipated for this well.
--

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 <input type="checkbox"/> , a general permit <input checked="" type="checkbox"/> or in (attached) alternative OCD-approved plan <input checked="" type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Keith Kress		Approved By: 	
Title: VP, OPERATIONS		Title: PETROLEUM ENGINEER	
E-mail Address: KKRESS@GMTEXPLORATION.COM		Approved Date: AUG 09 2012	
Date: 8/1/2012		Expiration Date:	
Phone: 303-586-9281		Conditions of Approval Attached	

AUG 09 2012

DISTRICT I  
1625 N French Dr., Hobbs, NM 88240  
Phone (575) 393-8161 Fax (575) 393-0720

DISTRICT II  
811 S. First St., Artesia, NM 88210  
Phone (505) 748-1289 Fax: (575) 748-0720

DISTRICT III  
1000 Rio Brazos Rd., 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 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 <b>30-025-40715</b>	Pool Code <b>97293</b>	Pool Name <b>Ojo Chiso; Bone Spring, South</b>
Property Code <b>38999</b>	Property Name <b>PRYOR STATE</b>	Well Number <b>2H</b>
GRID No. <b>260511</b>	Operator Name <b>GMT EXPLORATION CO., LLC</b>	Elevation <b>3377'</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
N	36	22 S	34 E		20	SOUTH	1508	WEST	LEA

Bottom Hole Location If Different From Surface

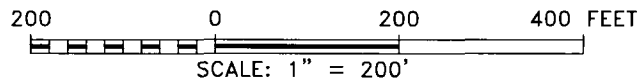
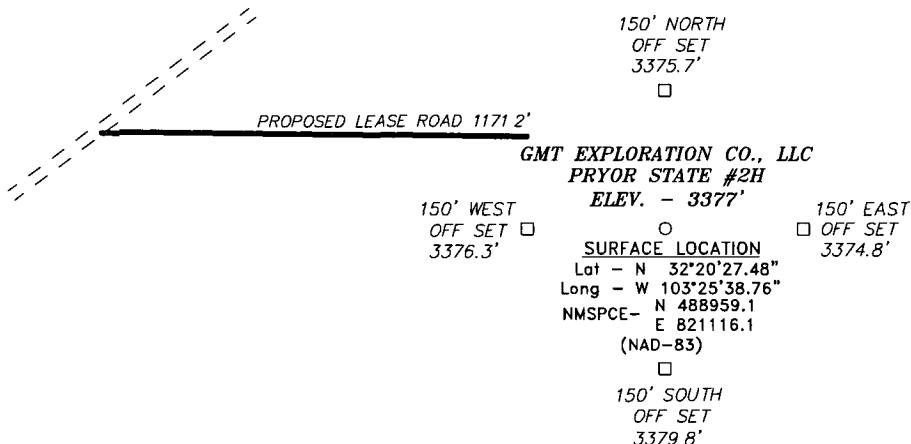
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	36	22 S	34 E		330	NORTH	1508	WEST	LEA

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

	<p><b>BOTTOM HOLE LOCATION</b> Lat - N 32°21'16.26" Long - W 103°25'38.64" NMSPCE - N 493889.0 E 821084.9 (NAD-83)</p>	<p><b>OPERATOR CERTIFICATION</b> 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>Signature: <i>Keith Kress</i> Date: <i>8/1/2012</i> Printed Name: <i>KEITH KRESS</i> Email Address: <i>KEITH@GATEXPLORATION.COM</i></p>
	<p><b>SURFACE LOCATION</b> Lat - N 32°20'27.48" Long - W 103°25'38.76" NMSPCE - N 488959.1 E 821116.1 (NAD-83)</p>	<p><b>SURVEYOR CERTIFICATION</b> 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>Date Surveyed: <i>8/1/2012</i> Signature &amp; Seal of Professional Surveyor: <i>GARY L. JONES</i> Certificate No.: <i>7977</i> Basin Surveys: <i>27058</i></p>

SECTION 36, TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



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 #2H / WELL PAD TOPO

THE PRYOR STATE #2H LOCATED 20'

FROM THE SOUTH LINE AND 1508' FROM THE WEST LINE OF  
SECTION 36, TOWNSHIP 22 SOUTH, RANGE 34 EAST,

N.M.P.M., LEA COUNTY, NEW MEXICO.

**BASIN SURVEYS**

P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 27058

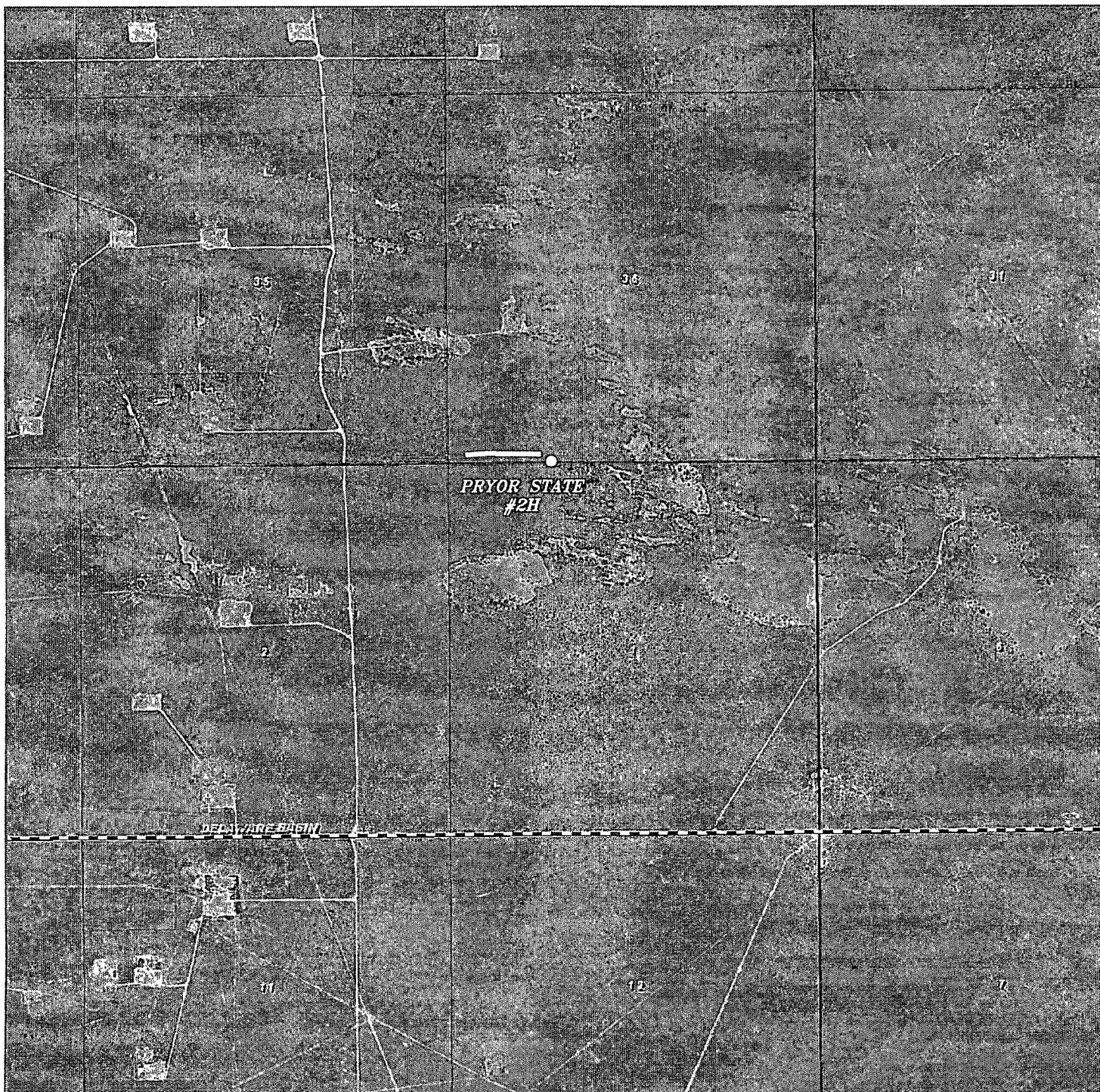
Drawn By. D.JONES

Date: 07-16-2012

Disk: DAJ 27058

Survey Date. 07-13-2012

Sheet 1 of 1 Sheets



### PRYOR STATE #2H

Located 20' FSL and 1508' FWL

Section 36, Township 22 South, Range 34 East,  
N.M.P.M., Lea County, New Mexico.

**basin**  
**surveys**  
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 27058

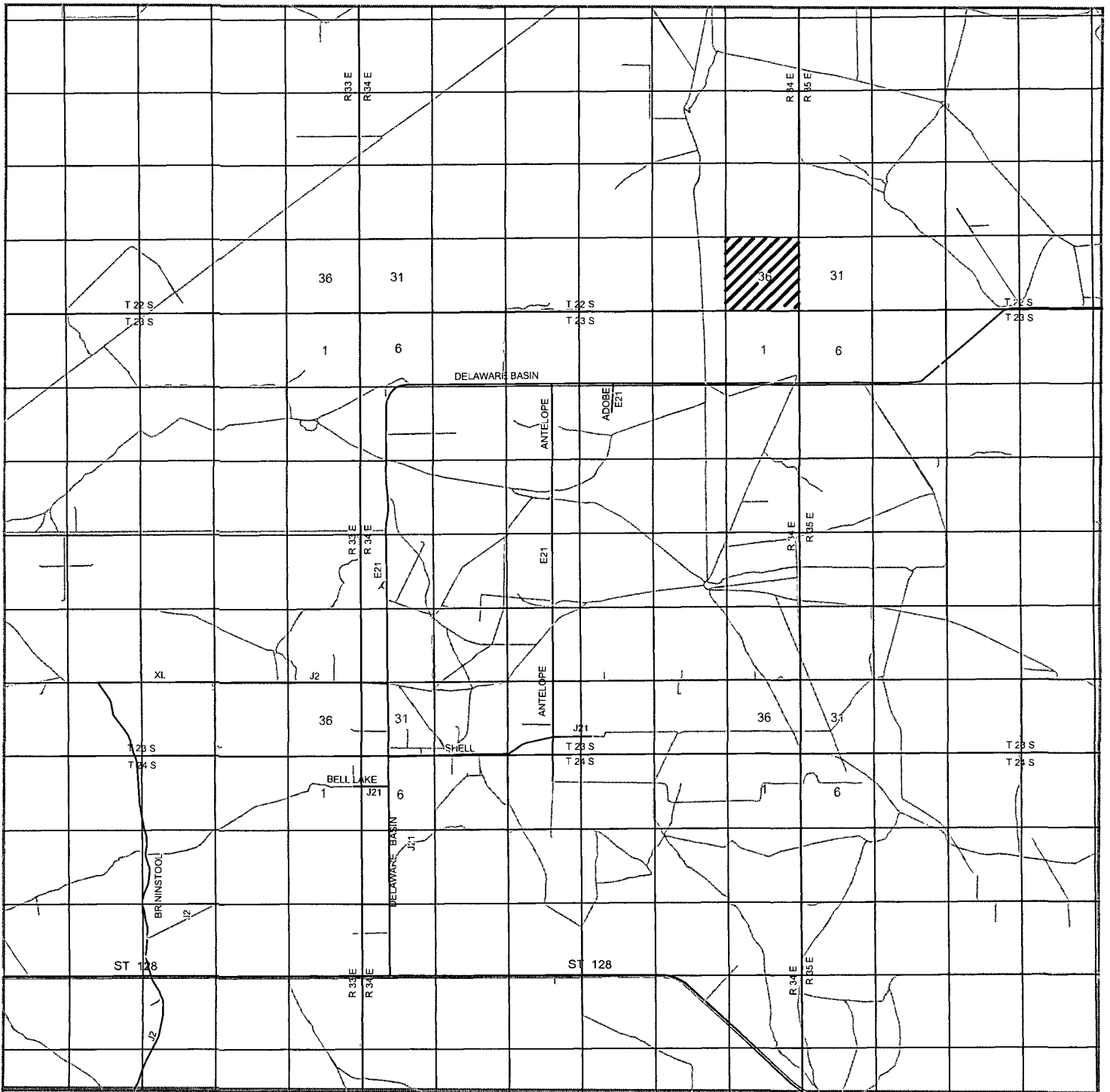
Survey Date: 07-13-2012

Scale: 1" = 2000'

Date: 07-16-2012



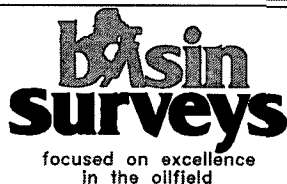
GMT  
EXPLORATION  
CO., LLC



# PRYOR STATE #2H

Located 20' FSL and 1508' FWL

Section 36, Township 22 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 27058

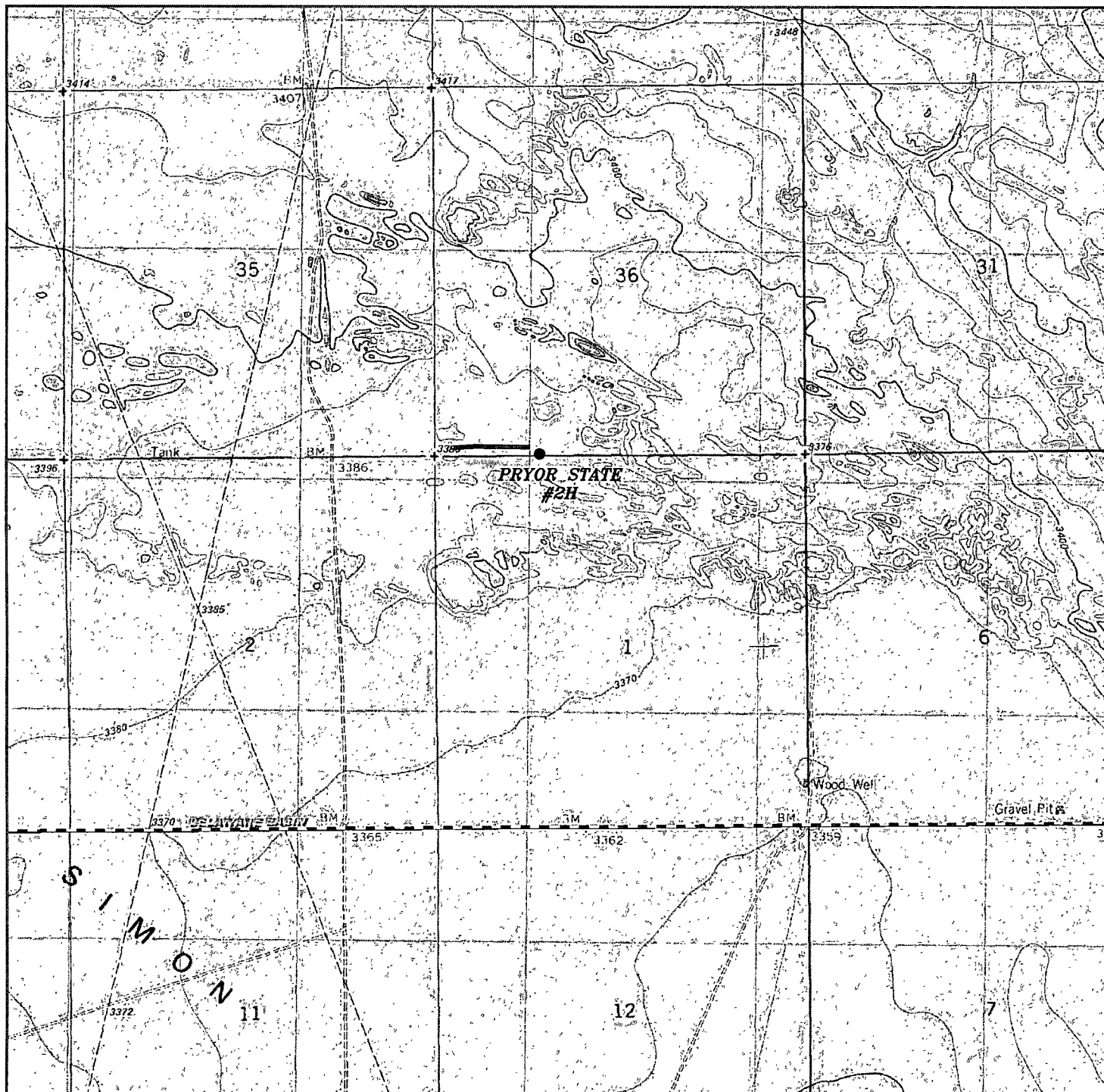
Survey Date: 07-13-2012

Scale: 1" = 2 Miles

Date: 07-16-2012



GMT  
EXPLORATION  
CO., LLC



### PRYOR STATE #2H

Located 20' FSL and 1508' FWL

Section 36, Township 22 South, Range 34 East,  
N.M.P.M., Lea County, New Mexico.

**basin**  
**surveys**

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 27058

Scale: 1" = 2000'

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

GMT  
EXPLORATION  
CO., LLC