

TABLE OF CONTENTS

1. Midland Map
2. C102s
3. Summary of Interests
4. Well Proposals
5. Notice Information
6. Locator Map
7. Structure Map
8. Structure Map with Cross Section
9. Structural Cross Section
10. Locator Map
11. Structure Map
12. Structure Map with Cross Section
13. Structural Cross Section

EXHIBITS

MATADOR PRODUCTION COMPANY
CASE NOS. 20443, 20444, 20445, AND 20446

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 & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 96228	³ Pool Name Pronghorn; Bone Spring
⁴ Property Code	⁵ Property Name RODNEY ROBINSON FED COM	⁶ Well Number 103H
⁷ OGRID No.	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 3718'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	7	23-S	33-E	-	439'	SOUTH	1634'	EAST	LEA

¹¹Bottom 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
2	6	23-S	33-E	-	60'	NORTH	2120'	EAST	LEA

¹² Dedicated Acres 320.03	¹³ Unit or Infill	¹⁴ Consolidation Code	¹⁵ 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.

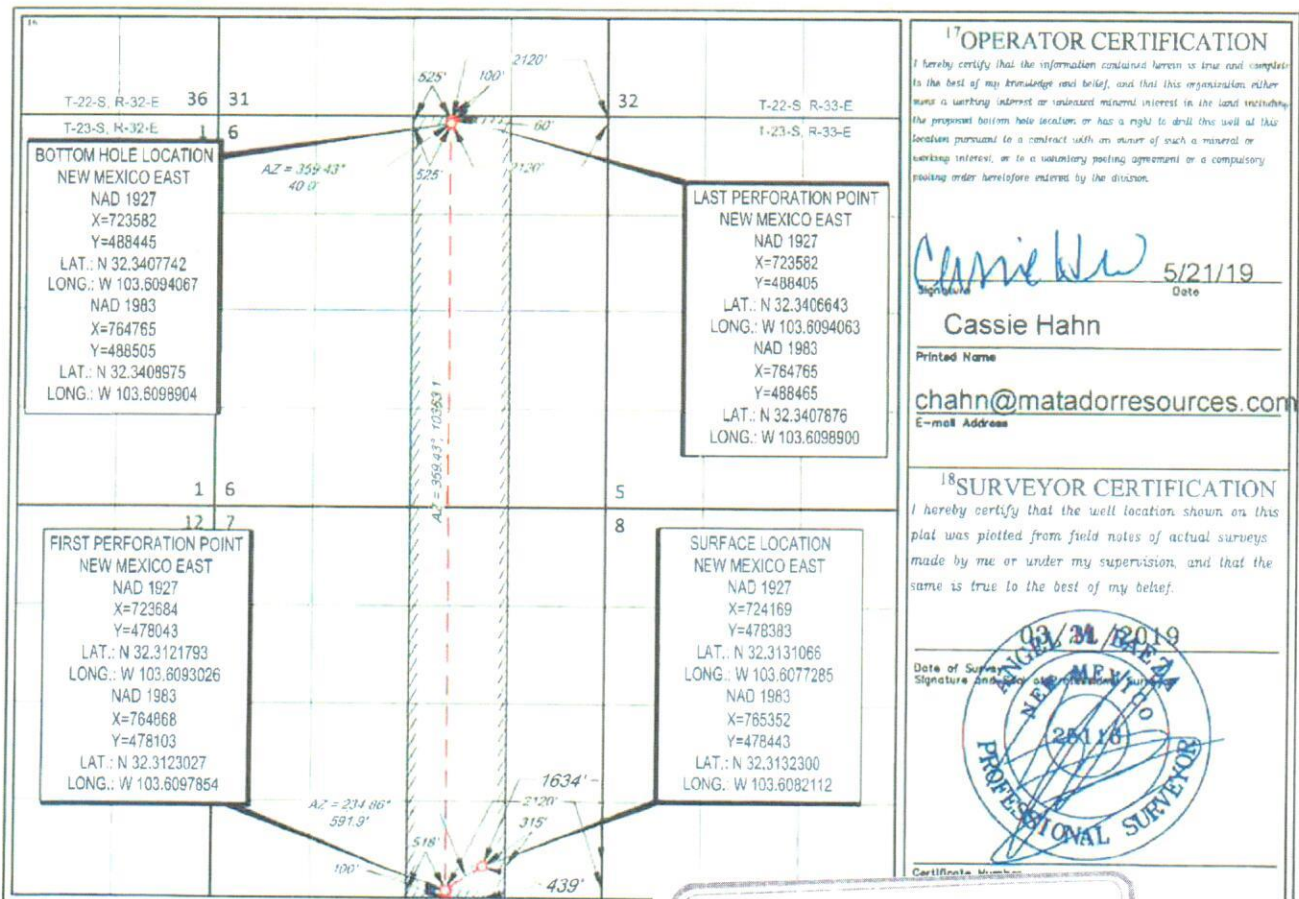


EXHIBIT 2A

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
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Santa Fe, NM 87505

FORM C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		¹ Pool Code 96228		¹ Pool Name Pronghorn; Bone Spring	
⁴ Property Code		² Property Name RODNEY ROBINSON FED COM			³ Well Number 108H
⁷ OGRID No.		⁵ Operator Name MATADOR PRODUCTION COMPANY			⁶ Elevation 3718'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	7	23-S	33-E	-	576'	SOUTH	185'	EAST	LEA

¹¹Bottom 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
1	6	23-S	33-E	-	60'	NORTH	340'	EAST	LEA

¹² Dedicated Acres 320.03	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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>¹⁶</p> <p>LAST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=725362 Y=488413 LAT.: N 32.3406539 LONG.: W 103.6036431 NAD 1983 X=766545 Y=488473 LAT.: N 32.3407773 LONG.: W 103.6041267</p>		<p>BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=725362 Y=488453 LAT.: N 32.3407639 LONG.: W 103.6036435 NAD 1983 X=766545 Y=488513 LAT.: N 32.3408872 LONG.: W 103.6041271</p>		<p>¹⁷OPERATOR 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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at that 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>Cassie Hahn</i> 5/21/19 Signature Date Cassie Hahn Printed Name chahn@matadorresources.com E-mail Address</p>	
<p>FIRST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=725465 Y=478048 LAT.: N 32.3121614 LONG.: W 103.6035413 NAD 1983 X=766648 Y=478108 LAT.: N 32.3122849 LONG.: W 103.6040239</p>		<p>SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=725616 Y=478525 LAT.: N 32.3134685 LONG.: W 103.6030399 NAD 1983 X=766799 Y=478585 LAT.: N 32.3135920 LONG.: W 103.6035225</p>		<p>¹⁸SURVEYOR 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 to the best of my belief.</p> <p>03/30/2019 Date of Survey Signature and Seal of Professional Surveyor 28118 PROFESSIONAL SURVEYOR Certificate Number</p>	

EXHIBIT 2B

District I
1625 N French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720
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State of New Mexico
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OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102
Revised August 1, 2011
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
	98177	WC- 025 G- 09 S223332A; UPR Wolfcamp
⁴ Property Code	⁵ Property Name	
	RODNEY ROBINSON FED COM	
⁶ OGRID No.	⁷ Operator Name	⁸ Well Number
	MATADOR PRODUCTION COMPANY	217H
		⁹ Elevation
		3718'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	7	23-S	33-E	-	391'	SOUTH	1748'	EAST	LEA

¹¹Bottom 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
2	6	23-S	33-E	-	60'	NORTH	1593'	EAST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
320.03			

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>¹⁶</p> <p>BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=724110 Y=488448 LAT.: N 32.3407712 LONG.: W 103.6076989 NAD 1983 X=765292 Y=488508 LAT.: N 32.3408945 LONG.: W 103.6081826</p> <p>LAST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=724110 Y=488408 LAT.: N 32.3406612 LONG.: W 103.6076985 NAD 1983 X=765293 Y=488468 LAT.: N 32.3407846 LONG.: W 103.6081822</p> <p>SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=724055 Y=478335 LAT.: N 32.3129760 LONG.: W 103.6080981 NAD 1983 X=765238 Y=478395 LAT.: N 32.3130995 LONG.: W 103.6085809</p> <p>FIRST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=724216 Y=478045 LAT.: N 32.3121740 LONG.: W 103.6075832 NAD 1983 X=765399 Y=478104 LAT.: N 32.3122974 LONG.: W 103.6080659</p>	<p>¹⁷OPERATOR 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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well in 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>Cassie Hahn</i> 5/21/19 Signature Date</p> <p>Cassie Hahn Printed Name</p> <p>chahn@matadorresources.com E-mail Address</p> <p>¹⁸SURVEYOR 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 to the best of my belief.</p> <p>03/31/2019 Date of Survey Signature and Seal ANGEL M. HERNANDEZ PROFESSIONAL SURVEYOR 28118 Certificate Number</p>
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EXHIBIT 2C

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
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Phone: (505) 334-6178 Fax: (505) 334-6170
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Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code	² Pool Name
		98177	WC-025 G- 09 S223332A; UPR Wolfcamp
³ Property Code	³ Property Name		⁴ Well Number
	RODNEY ROBINSON FED COM		218H
⁵ OGRID No.	⁶ Operator Name		⁷ Elevation
	MATADOR PRODUCTION COMPANY		3717'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	7	23-S	33-E	-	576'	SOUTH	155'	EAST	LEA

¹¹Bottom 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
1	6	23-S	33-E	-	60'	NORTH	330'	EAST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
320.03			

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.

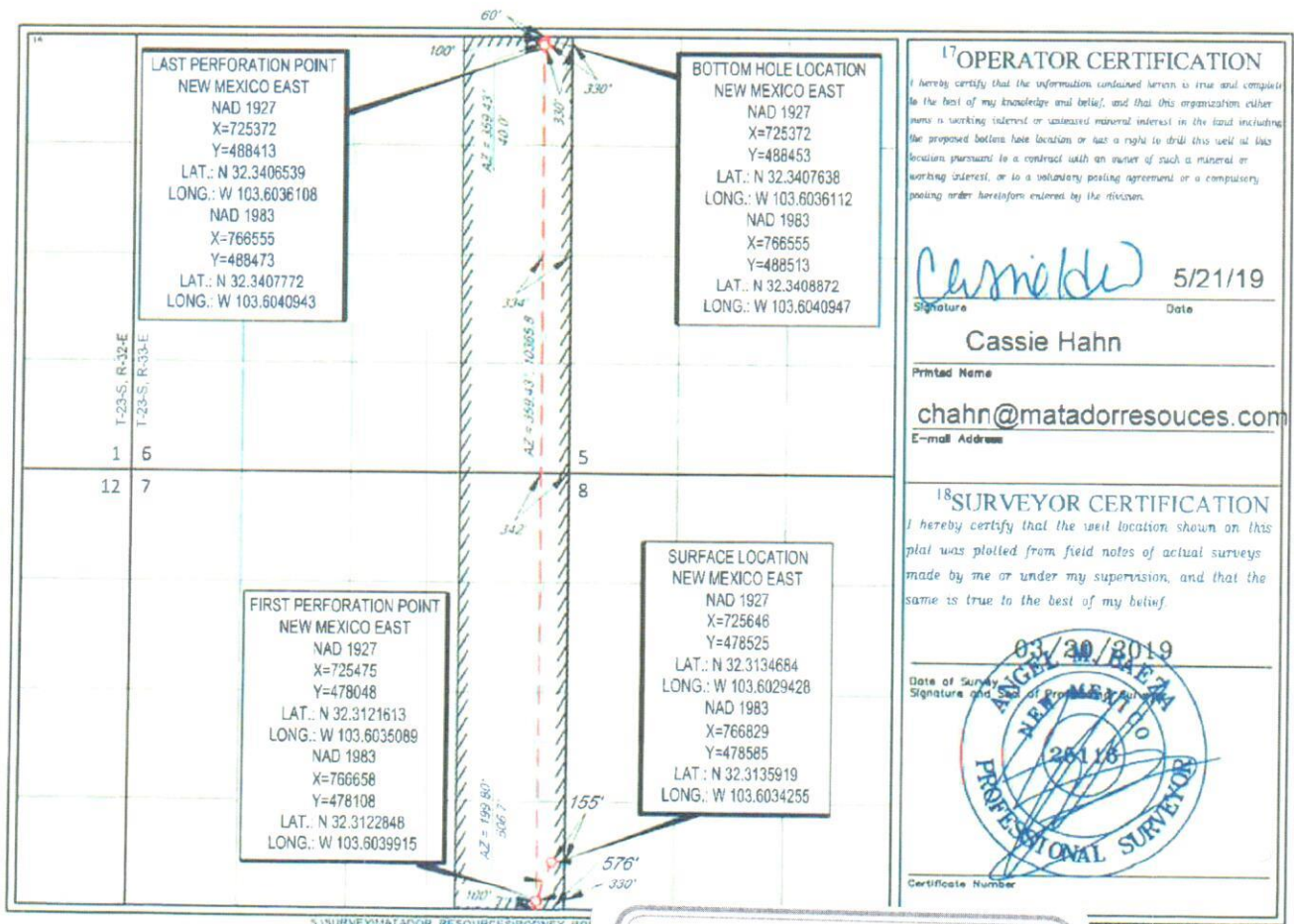


EXHIBIT 2D

Summary of Interests

MRC Permian Company Working Interest			87.501561%
Voluntary Joinder			0.000000%
Compulsory Pool Interest Total:			12.498439%
Interest Owner:	Description:	Interest:	
EOG Y Resources, Inc.	Uncommitted Working Interest Owner	7.499063%	
EOG A Resources, Inc.	Uncommitted Working Interest Owner	2.499688%	
EOG M Resources, Inc.	Uncommitted Working Interest Owner	2.499688%	

EXHIBIT 3A



Summary of Interests

MRC Permian Company Working Interest			87.501953%
Voluntary Joinder			0.000000%
Compulsory Pool Interest Total:			12.498047%
Interest Owner:	Description:	Interest:	
EOG Y Resources, Inc.	Uncommitted Working Interest Owner	7.498829%	
EOG A Resources, Inc.	Uncommitted Working Interest Owner	2.499609%	
EOG M Resources, Inc.	Uncommitted Working Interest Owner	2.499609%	

EXHIBIT

3B

MRC Permian Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240
Voice 972.371.5440 • Fax 214.866.4883
chahn@matadorresources.com

**Cassie Hahn
Landman**

October 10, 2018

VIA CERTIFIED RETURN RECEIPT MAIL

EOG M Resources, INC.
104 South 4th Street
Artesia, NM 88210

Re: Matador Production Company – Rodney Robinson Fed Com #103H (the “Well”)
Participation Proposal
Sections 6 & 7, Township 23 South, Range 33 East
Lea County, New Mexico

Dear Sir/Madam:

MRC Permian Company (“MRC”) proposes the drilling of Matador Production Company’s Rodney Robinson Fed Com #103H well, located in Sections 6 & 7, Township 23 South, Range 33 East, Lea County, New Mexico, to the Avalon formation.

In connection with the above, please note the following:

- The estimated cost of drilling, testing, completing, and equipping the Well is \$12,255,167 as found on the enclosed AFE dated October 9, 2018.
- The proposed Well will be drilled from a legal location with a surface hole located in the SW/4SE/4 of Section 31, Township 23 South, Range 33 East, Lea County, New Mexico. The proposed bottom hole of the subject Well will be a legal location in the SW/4SE/4 of Section 7, Township 23 South, Range 33 East, Lea County, New Mexico.
- The Well will have a targeted interval within the Avalon formation. We plan to drill the Well horizontally in the Avalon (~9,450’ TVD) to a Total Measured Depth of approximately 19,600’ resulting in a productive lateral of approximately 9,700’.

MRC reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. MRC will advise you of any such modifications.

EOG M Resources, INC. will own an approximate 0.01250000 working interest in the Well, subject to title verification.

EXHIBIT 44

MRC requests that you indicate your election to participate in the drilling and completion of the Well in the space provided below, sign and return one (1) copy of this letter to the undersigned.

MRC is proposing to drill the Well under the terms of the modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The enclosed Operating Agreement dated October 8, 2018, by and between Matador Production Company, as operator and MRC Permian Company et al as Non-Operators covers all of Section 6 and 7, Township 23 South, Range 33 East, Lea County, New Mexico and has the following general provisions:

- 100/300/300 Non-consenting penalty
- \$7,000/\$700 Drilling and Producing rate
- Matador Production Company named as Operator

If your election is to participate in the drilling and completion of the Well, please sign and return a copy of the enclosed AFE within thirty (30) days of receipt of this notice. Please be aware that the enclosed AFE is only an estimate of costs to be incurred and by electing to participate in the Well, each working interest owner shall be responsible for its proportionate share of all costs incurred.

Thank you for your consideration of this proposal. Please contact me if you have any questions.

Sincerely,


Cassie Hahn

Enclosure(s)

Please elect one of the following and return to sender.

____ EOG M Resources, INC. hereby elects to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Rodney Robinson Fed Com #103H well, located in Lea County, New Mexico.

____ EOG M Resources, INC. hereby elects not to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Rodney Robinson Fed Com #103H well, located in Lea County, New Mexico.

____ EOG M Resources, INC. is interested in selling our interest in this unit, please contact to discuss.

EOG M Resources, INC.

By: _____

Title: _____

Date: _____

MATADOR PRODUCTION COMPANY
 ONE LINCOLN CENTRE • 5400 LBJ FREEWAY • SUITE 1500 • DALLAS, TEXAS 75240
 Phone (972) 371-5200 • Fax (972) 371-5201

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

DATE:	October 9, 2018	AFE NO.:	
WELL NAME:	Rodney Robinson Fed Com #103H	FIELD:	
LOCATION:	Section 6&7-23S-33E	MD/TVD:	19600'/9450'
COUNTY/STATE:	Lea NM	LATERAL LENGTH:	about 9700'
MRC WI:			
GEOLOGIC TARGET:	Avalon		
REMARKS:	Drill and complete a horizontal Avalon target with 46 stages		

	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	FACILITY COSTS	TOTAL COSTS
INTANGIBLE COSTS					
Land / Legal / Regulatory	\$ 61,500				\$ 61,500
Location, Surveys & Damages	103,000	13,000	4,000	25,000	145,000
Drilling	868,000				868,000
Cementing & Float Equip	218,000				218,000
Logging / Formation Evaluation		6,500			6,500
Mud Logging	36,000				36,000
Mud Circulation System	68,000				68,000
Mud & Chemicals	111,000	45,000			156,000
Mud / Wastewater Disposal	195,000				195,000
Freight / Transportation	18,000	34,500			52,500
Rig Supervision / Engineering	168,000	96,400	7,200	14,400	286,000
Drill Bits	113,000				113,000
Fuel & Power	155,000				155,000
Water	90,000	926,250	162,000		1,178,250
Drig & Completion Overhead	15,000	36,000			51,000
Plugging & Abandonment					
Directional Drilling, Surveys	302,000				302,000
Completion Unit, Swab, CTU		90,000	20,000		110,000
Perforating, Wireline, Slickline		294,000			294,000
High Pressure Pump Truck		133,500			133,500
Stimulation		4,166,000			4,166,000
Stimulation Flowback & Disp		206,000			206,000
Insurance	35,280				35,280
Labor	165,500	86,000	25,000	8,000	284,500
Rental - Surface Equipment	99,000	450,400	30,000	6,000	585,400
Rental - Downhole Equipment	130,000	62,500			192,500
Rental - Living Quarters	62,950	46,740	4,000	2,000	115,690
Contingency	243,798	252,879	9,020		505,697
Operations Center	32,250				32,250
TOTAL INTANGIBLES >	3,291,278	6,967,669	261,220	55,400	10,575,567
TANGIBLE COSTS					
Surface Casing	\$ 57,800				\$ 57,800
Intermediate Casing	165,500				165,500
Drilling Liner					
Production Casing	416,800				416,800
Production Liner					
Tubing			58,500		58,500
Wellhead	65,000		35,000		100,000
Packers, Liner Hangers		105,000	10,000		115,000
Tanks				48,000	48,000
Production Vessels			57,000	33,250	90,250
Flow Lines			50,000		50,000
Rod string					
Artificial Lift Equipment			270,000		270,000
Compressor				15,000	15,000
Installation Costs				64,000	64,000
Surface Pumps			5,000		5,000
Non-controllable Surface					
Non-controllable Downhole					
Downhole Pumps					
Measurement & Meter Installation			12,500	40,000	52,500
Gas Conditioning / Dehydration					
Interconnecting Facility Piping				60,000	60,000
Gathering / Bulk Lines				10,000	10,000
Valves, Dumps, Controllers			2,000	4,000	6,000
Tank / Facility Containment				15,000	15,000
Flare Stack				17,500	17,500
Electrical / Grounding			5,000	10,000	15,000
Communications / SCADA			5,000	14,000	19,000
Instrumentation / Safety			10,000	18,750	28,750
TOTAL TANGIBLES >	765,100	105,000	520,000	349,500	1,679,600
TOTAL COSTS >	3,996,378	7,072,669	781,220	404,900	12,255,167

PREPARED BY MATADOR PRODUCTION COMPANY:

Drilling Engineer:	Blake Hermes	Team Lead - WTX/NM	<u>WTF</u>
Completions Engineer:	Waylon Wolf		WTE
Production Engineer:	Ben Peterson		

MATADOR RESOURCES COMPANY APPROVAL:

Executive VP, COO/CFO	VP - Res Engineering	VP - Drilling
DEL	BAR	BG
Executive VP, Legal	Exec Dir - Exploration	
CA		
President		
MVH		

NON OPERATING PARTNER APPROVAL:

Company Name:	Working Interest (%):	Tax ID:
Signed by:	Date:	
Title:	Approval: Yes	No (mark one)

The wells or the AFE are estimated only and may not be completed as designed or as specified herein or the total cost of the project. Failure to obtain approval under the AFE may be delayed up to a year after the well has been completed. In assessing the AFE, the Participant agrees to pay its share of the costs of the project, including legal, engineering, geology, and other costs, under the terms of the agreement and operating agreement, regulatory order in other agreement governing the well. Participant's shall be governed by and shall contribute to the Operator's well cost and general liability insurance which participant provides. Operator's certificate of insurance shall be provided to the Operator by the date of report.

MRC Permian Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240

Voice 972.371.5440 • Fax 214.866.4883

chahn@matadorresources.com

Cassie Hahn
Landman

October 10, 2018

VIA CERTIFIED RETURN RECEIPT MAIL

EOG A Resources, INC.
104 South 4th Street
Artesia, NM 88210

Re: Matador Production Company – Rodney Robinson Fed Com #108H (the “Well”)
Participation Proposal
Sections 6 & 7, Township 23 South, Range 33 East
Lea County, New Mexico

Dear Sir/Madam:

MRC Permian Company (“MRC”) proposes the drilling of Matador Production Company’s Rodney Robinson Fed Com #108H well, located in Sections 6 & 7, Township 23 South, Range 33 East, Lea County, New Mexico, to the Bone Spring formation.

In connection with the above, please note the following:

- The estimated cost of drilling, testing, completing, and equipping the Well is \$12,255,167 as found on the enclosed AFE dated October 9, 2018.
- The proposed Well will be drilled from a legal location with a surface hole located in the NE/4NE/4 of Section 6, Township 23 South, Range 33 East, Lea County, New Mexico. The proposed bottom hole of the subject Well will be a legal location in the SE/4SE/4 of Section 7, Township 23 South, Range 33 East, Lea County, New Mexico.
- The Well will have a targeted interval within the Bone Spring formation. We plan to drill the Well horizontally in the Bone Spring (~9,450’ TVD) to a Total Measured Depth of approximately 19,600’ resulting in a productive lateral of approximately 9,700’.

MRC reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. MRC will advise you of any such modifications.

EOG A Resources, INC. will own an approximate 0.01250000 working interest in the Well, subject to title verification.

EXHIBIT 4B

MRC requests that you indicate your election to participate in the drilling and completion of the Well in the space provided below, sign and return one (1) copy of this letter to the undersigned.

MRC is proposing to drill the Well under the terms of the modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The enclosed Operating Agreement dated October 8, 2018, by and between Matador Production Company, as operator and MRC Permian Company et al as Non-Operators covers all of Section 6 and 7, Township 23 South, Range 33 East, Lea County, New Mexico and has the following general provisions:

- 100/300/300 Non-consenting penalty
- \$7,000/\$700 Drilling and Producing rate
- Matador Production Company named as Operator

If your election is to participate in the drilling and completion of the Well, please sign and return a copy of the enclosed AFE within thirty (30) days of receipt of this notice. Please be aware that the enclosed AFE is only an estimate of costs to be incurred and by electing to participate in the Well, each working interest owner shall be responsible for its proportionate share of all costs incurred.

Thank you for your consideration of this proposal. Please contact me if you have any questions.

Sincerely,



Cassie Hahn

Enclosure(s)

Please elect one of the following and return to sender.

_____ EOG A Resources, INC. hereby elects to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Rodney Robinson Fed Com #108H well, located in Lea County, New Mexico.

_____ EOG A Resources, INC. hereby elects not to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Rodney Robinson Fed Com #108H well, located in Lea County, New Mexico.

_____ EOG A Resources, INC. is interested in selling our interest in this unit, please contact to discuss.

EOG A Resources, INC.

By: _____

Title: _____

Date: _____

ONE LINCOLN CENTRE • 5400 LBJ FREEWAY • SUITE 1500 • DALLAS, TEXAS 75240
Phone (972) 371-5200 • Fax (972) 371-5201

DATE:	October 9, 2018	AFE NO.:	
WELL NAME:	Rodney Robinson Fed Com #108H	FIELD:	
LOCATION:	Section 6&7-23S-33E	MD/TVD:	19600/9450'
COUNTY/STATE:	Lee, NM	LATERAL LENGTH:	about 9700'
MRC WI:			
GEOLOGIC TARGET:	Avalon		
REMARKS:	Drill and complete a horizontal Avalon target with 46 stages		

PREPARED BY MATADOR PRODUCTION COMPANY:

MATADOR RESOURCES COMPANY APPROVAL:

NON OPERATING PARTNER APPROVAL:

Company Name: _____ Working interest (%): _____ Tax ID: _____

Signed by: _____ Date: _____

Title: _____ Approval: Yes _____ No (mark one)

The costs on the APF are estimated only and may not be conclusive as estimates for any specific item in the total cost of the project. Taking estimator approved under the APF may be delayed up to a year after the well has been completed. In executing this APF, the Participant agrees to pay to the Operator's share of actual costs incurred, including legal, administrative, regulatory, brokerage and well costs under the terms of the applicable joint operating agreement, regulatory order or other agreement covering this well. Participants will be exempted from third-party obligations for Operator's well control and general liability, including related definitions provided. Operator's capital expenditure of non-incident is an amount is the Operator in the form of the applicable joint operating agreement, regulatory order or other agreement covering this well.

MRC Permian Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240

Voice 972.371.5440 • Fax 214.866.4883

chahn@matadorresources.com

Cassie Hahn
Landman

October 10, 2018

VIA CERTIFIED RETURN RECEIPT MAIL

EOG Y Resources, INC.
104 South 4th Street
Artesia, NM 88210

Re: Matador Production Company – Rodney Robinson Fed Com #217H (the “Well”)
Participation Proposal
Sections 6 & 7, Township 23 South, Range 33 East
Lea County, New Mexico

Dear Sir/Madam:

MRC Permian Company (“MRC”) proposes the drilling of Matador Production Company’s Rodney Robinson Fed Com #217H well, located in Sections 6 & 7, Township 23 South, Range 33 East, Lea County, New Mexico, to the Wolfcamp formation.

In connection with the above, please note the following:

- The estimated cost of drilling, testing, completing, and equipping the Well is \$13,035,058 as found on the enclosed AFE dated October 9, 2018.
- The proposed Well will be drilled from a legal location with a surface hole located in the SW/4SE/4 of Section 31, Township 23 South, Range 33 East, Lea County, New Mexico. The proposed bottom hole of the subject Well will be a legal location in the SW/4SE/4 of Section 7, Township 23 South, Range 33 East, Lea County, New Mexico.
- The Well will have a targeted interval within the Wolfcamp formation. We plan to drill the Well horizontally in the Wolfcamp (~12,430’ TVD) to a Total Measured Depth of approximately 22,600’ resulting in a productive lateral of approximately 9,700’.

MRC reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. MRC will advise you of any such modifications.

EOG Y Resources, INC. will own an approximate 0.03750000 working interest in the Well, subject to title verification.

EXHIBIT *c/c*

MRC requests that you indicate your election to participate in the drilling and completion of the Well in the space provided below, sign and return one (1) copy of this letter to the undersigned.

MRC is proposing to drill the Well under the terms of the modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The enclosed Operating Agreement dated October 8, 2018, by and between Matador Production Company, as operator and MRC Permian Company et al as Non-Operators covers all of Section 6 and 7, Township 23 South, Range 33 East, Lea County, New Mexico and has the following general provisions:

- 100/300/300 Non-consenting penalty
- \$7,000/\$700 Drilling and Producing rate
- Matador Production Company named as Operator

If your election is to participate in the drilling and completion of the Well, please sign and return a copy of the enclosed AFE within thirty (30) days of receipt of this notice. Please be aware that the enclosed AFE is only an estimate of costs to be incurred and by electing to participate in the Well, each working interest owner shall be responsible for its proportionate share of all costs incurred.

Thank you for your consideration of this proposal. Please contact me if you have any questions.

Sincerely,


Cassie Hahn

Enclosure(s)

Please elect one of the following and return to sender.

_____ EOG Y Resources, INC. hereby elects to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Rodney Robinson Fed Com #217H well, located in Lea County, New Mexico.

_____ EOG Y Resources, INC. hereby elects not to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Rodney Robinson Fed Com #217H well, located in Lea County, New Mexico.

_____ EOG Y Resources, INC. is interested in selling our interest in this unit, please contact to discuss.

EOG Y Resources, INC.

By: _____

Title: _____

Date: _____

ONE LINCOLN CENTRE • 5400 LBJ FREEWAY • SUITE 1600 • DALLAS, TEXAS 75240
Phone (972) 371-5200 • Fax (972) 371-5201

DATE:	October 5, 2018	AFE NO.:	
WELL NAME:	Rodney Robinson Fed Com #217H	FIELD:	
LOCATION:	Section 6&7-23S-33E	MD/TVD:	22600'/12430'
COUNTY/STATE:	Lea, NM	LATERAL LENGTH:	about 9700'
MRC WI:			
GEOLOGIC TARGET:	Wolfcamp		
REMARKS:	Drill, complete and equip a horizontal lower Wolfcamp target with 46 stages		

PREPARED BY MATADOR PRODUCTION COMPANY:

Team Lead - WTX/NM WTE
WTE

Executive VP, COO/CFO	VP - Res Engineering	VP - Drilling
DEL	BMR	BG
Executive VP, Legal	Exec Dir - Exploration	
CA	NLF	
President		
MVH		

Company Name: _____ Working Interest (%): _____ Tax ID: _____
Signed by: _____ Date: _____
Title: _____ Approval: _____ Yes _____ No (mark one)

MRC Permian Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240

Voice 972.371.5440 • Fax 214.866.4883

chahn@matadorresources.com

**Cassie Hahn
Landman**

October 10, 2018

VIA CERTIFIED RETURN RECEIPT MAIL

EOG A Resources, INC.
104 South 4th Street
Artesia, NM 88210

Re: Matador Production Company – Rodney Robinson Fed Com #218H (the “Well”)
Participation Proposal
Sections 6 & 7, Township 23 South, Range 33 East
Lea County, New Mexico

Dear Sir/Madam:

MRC Permian Company (“MRC”) proposes the drilling of Matador Production Company’s Rodney Robinson Fed Com #218H well, located in Sections 6 & 7, Township 23 South, Range 33 East, Lea County, New Mexico, to the Wolfcamp formation.

In connection with the above, please note the following:

- The estimated cost of drilling, testing, completing, and equipping the Well is \$13,035,058 as found on the enclosed AFE dated October 9, 2018.
- The proposed Well will be drilled from a legal location with a surface hole located in the SE/4SE/4 of Section 31, Township 23 South, Range 33 East, Lea County, New Mexico. The proposed bottom hole of the subject Well will be a legal location in the SE/4SE/4 of Section 7, Township 23 South, Range 33 East, Lea County, New Mexico.
- The Well will have a targeted interval within the Wolfcamp formation. We plan to drill the Well horizontally in the Wolfcamp (~12,430’ TVD) to a Total Measured Depth of approximately 22,600’ resulting in a productive lateral of approximately 9,700’.

MRC reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. MRC will advise you of any such modifications.

EOG A Resources, INC. will own an approximate 0.01250000 working interest in the Well, subject to title verification.

EXHIBIT 4D

MRC requests that you indicate your election to participate in the drilling and completion of the Well in the space provided below, sign and return one (1) copy of this letter to the undersigned.

MRC is proposing to drill the Well under the terms of the modified 1989 AAPL form of Operating Agreement which is enclosed for your review and approval. The enclosed Operating Agreement dated October 8, 2018, by and between Matador Production Company, as operator and MRC Permian Company et al as Non-Operators covers all of Section 6 and 7, Township 23 South, Range 33 East, Lea County, New Mexico and has the following general provisions:

- 100/300/300 Non-consenting penalty
- \$7,000/\$700 Drilling and Producing rate
- Matador Production Company named as Operator

If your election is to participate in the drilling and completion of the Well, please sign and return a copy of the enclosed AFE within thirty (30) days of receipt of this notice. Please be aware that the enclosed AFE is only an estimate of costs to be incurred and by electing to participate in the Well, each working interest owner shall be responsible for its proportionate share of all costs incurred.

Thank you for your consideration of this proposal. Please contact me if you have any questions.

Sincerely, .



Cassie Hahn

Enclosure(s)

Please elect one of the following and return to sender.

_____ EOG A Resources, INC. hereby elects to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Rodney Robinson Fed Com #218H well, located in Lea County, New Mexico.

_____ EOG A Resources, INC. hereby elects not to participate for its proportionate share of the costs detailed in the enclosed AFE associated with the Matador Production Company's Rodney Robinson Fed Com #218H well, located in Lea County, New Mexico.

_____ EOG A Resources, INC. is interested in selling our interest in this unit, please contact to discuss.

EOG A Resources, INC.

By: _____

Title: _____

Date: _____

MATADOR PRODUCTION COMPANY
 ONE LINCOLN CENTRE • 5400 LBJ FREEWAY • SUITE 1500 • DALLAS, TEXAS 75240
 Phone (972) 371-5200 • Fax (972) 371-5201

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

DATE:	October 9, 2018	AFE NO.:	
WELL NAME:	Rodney Robinson Fed Com #21BH	FIELD:	
LOCATION:	Section 6&7-23S-33E	MD/TVD:	22600/12430
COUNTY/STATE:	Lea, NM	LATERAL LENGTH:	about 9700
MRC WI:			
GEOLOGIC TARGET:	Wolfcamp		
REMARKS:	Drill complete and equip a horizontal lower Wolfcamp target with 46 stages		

	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	FACILITY COSTS	TOTAL COSTS
INTANGIBLE COSTS					
Land / Legal / Regulatory	\$ 86,500	\$ -	\$ -	\$ -	\$ 86,500
Location, Surveys & Damages	100,500	13,000	4,000	25,000	142,500
Drilling	997,000	-	-	-	997,000
Cementing & Float Equip	232,000	-	-	-	232,000
Logging / Formation Evaluation	-	6,000	-	-	6,000
Mud Logging	34,800	-	-	-	34,800
Mud Circulation System	89,525	-	-	-	89,525
Mud & Chemicals	151,000	45,000	-	-	196,000
Mud / Wastewater Disposal	195,000	-	-	-	195,000
Freight / Transportation	30,000	33,000	-	-	63,000
Rig Supervision / Engineering	192,000	91,300	7,200	14,400	304,900
Drill Bits	131,200	-	-	-	131,200
Fuel & Power	182,000	-	-	-	182,000
Water	60,000	781,000	-	-	841,000
Drig & Completion Overhead	17,500	35,000	-	-	52,500
Plugging & Abandonment	-	-	-	-	-
Directional Drilling, Surveys	340,000	-	-	-	340,000
Completion Unit, Swab, CTU	-	135,000	20,000	-	155,000
Perforating, Wireline, Slickline	-	226,500	-	-	226,500
High Pressure Pump Truck	-	40,250	-	-	40,250
Stimulation	-	4,830,000	-	-	4,830,000
Stimulation Flowback & Disp	-	208,000	162,000	-	370,000
Insurance	40,680	-	-	-	40,680
Labor	183,000	80,000	15,000	-	278,000
Rental - Surface Equipment	108,750	367,300	20,000	8,000	504,050
Rental - Downhole Equipment	105,000	55,000	-	6,000	166,000
Rental - Living Quarters	72,200	44,360	4,000	2,000	122,560
Contingency	270,902	216,071	7,020	-	493,993
Operations Center	37,625	-	-	-	37,625
TOTAL INTANGIBLES >	3,657,182	7,206,781	238,220	55,400	11,158,583
TANGIBLE COSTS					
Surface Casing	\$ 57,800	\$ -	\$ -	\$ -	\$ 57,800
Intermediate Casing	165,500	-	-	-	165,500
Drilling Liner	417,525	-	-	-	417,525
Production Casing	423,150	-	-	-	423,150
Production Liner	-	-	-	-	-
Tubing	-	-	71,500	-	71,500
Wellhead	90,000	-	25,000	-	115,000
Packers, Liner Hangers	-	105,000	10,000	-	115,000
Tanks	-	-	-	48,000	48,000
Production Vessels	-	-	57,000	33,250	90,250
Flow Lines	-	-	50,000	-	50,000
Rod string	-	-	-	-	-
Artificial Lift Equipment	-	-	25,000	-	25,000
Compressor	-	-	-	15,000	15,000
Installation Costs	-	-	-	64,000	64,000
Surface Pumps	-	-	5,000	-	5,000
Non-controllable Surface	-	-	-	-	-
Non-controllable Downhole	-	-	-	-	-
Downhole Pumps	-	-	-	-	-
Measurement & Meter Installation	-	-	12,500	40,000	52,500
Gas Conditioning / Dehydration	-	-	-	-	-
Interconnecting Facility Piping	-	-	-	60,000	60,000
Gathering / Bulk Lines	-	-	-	10,000	10,000
Valves, Dumps, Controllers	-	-	2,000	4,000	6,000
Tank / Facility Containment	-	-	-	15,000	15,000
Flare Stack	-	-	-	17,500	17,500
Electrical / Grounding	-	-	-	10,000	10,000
Communications / SCADA	-	-	-	14,000	14,000
Instrumentation / Safety	-	-	10,000	18,750	28,750
TOTAL TANGIBLES >	1,153,978	105,000	268,000	349,500	1,876,478
TOTAL COSTS >	4,811,167	7,311,781	507,220	404,900	13,035,058

PREPARED BY MATADOR PRODUCTION COMPANY:

Drilling Engineer:	Bakir Hormes	Team Lead - WTXNM	<u>WTE</u>
Completions Engineer:	Waylon Wolf		WTE
Production Engineer:	John Romano		

MATADOR RESOURCES COMPANY APPROVAL:

Executive VP, COO/CFO	VP - Res Engineering	VP - Drilling
DEL	BMR	BC
Executive VP, Legal	Exec Dir - Exploration	
GA	NLF	
President		
MVH		

NON OPERATING PARTNER APPROVAL:

Company Name:	Working Interest (%):	Tax ID:
Signed by:	Date:	
Title:	Approval: Yes	No (mark one)

This plan on this AFE is an estimate only and may not be as accurate as a budget or any specific item in the total cost of the project. "After completion" approved under this AFE, may be subject to a cost cap or other cost cap. The Participant agrees to pay its proportionate share of actual costs incurred, including legal, regulatory, regulatory, and well costs under the terms of the applicable joint operating agreement, regulatory order or other agreement covering the well. This capacity shall be subject to and subject to the provisions of the Operator's well control and general liability insurance unless otherwise provided. Operator's certificate of insurance to the extent of the Operator's liability to the date of the AFE.



April 12, 2019

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED**TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS****Re: Application of Matador Production Company for compulsory pooling, Lea
County, New Mexico.
Rodney Robinson Fed No. 103H Well**

Ladies & Gentlemen:

This letter is to advise you that Matador Production Company has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on May 2, 2019 and the status of the hearing can be monitored through the Division's website at <http://www.emnrd.state.nm.us/ocd/>. Division hearings will commence at 8:15 a.m. in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Cassie Hahn at (972) 371-5440 or chahn@matadorresources.com.

Sincerely,

Adam G. Rankin
ATTORNEY FOR MATADOR PRODUCTION
COMPANY

EXHIBIT

HOLLAND & HART^{LLP}



Adam G. Rankin
Phone (505) 988-4421
Fax (505) 983-6043
agrarkin@hollandhart.com

April 12, 2019

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Matador Production Company for compulsory pooling, Lea County, New Mexico.
Rodney Robinson Fed No. 108H Well

Ladies & Gentlemen:

This letter is to advise you that Matador Production Company has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on May 2, 2019 and the status of the hearing can be monitored through the Division's website at <http://www.emnrd.state.nm.us/ocd/>. Division hearings will commence at 8:15 a.m. in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

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If you have any questions about this matter, please contact Cassie Hahn at (972) 371-5440 or chahn@matadorresources.com.

Sincerely,

Adam G. Rankin
**ATTORNEY FOR MATADOR PRODUCTION
COMPANY**

HOLLAND & HART LLP



Adam G. Rankin
Phone (505) 988-4421
Fax (505) 983-6043
agrarkin@hollandhart.com

April 12, 2019

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Matador Production Company for compulsory pooling, Lea County, New Mexico.
Rodney Robinson Fed No. 217H Well

Ladies & Gentlemen:

This letter is to advise you that Matador Production Company has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on May 2, 2019 and the status of the hearing can be monitored through the Division's website at <http://www.emnrd.state.nm.us/ocd/>. Division hearings will commence at 8:15 a.m. in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Cassie Hahn at (972) 371-5440 or chahn@matadorresources.com.

Sincerely,

Adam G. Rankin
**ATTORNEY FOR MATADOR PRODUCTION
COMPANY**



April 12, 2019

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED**TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS****Re: Application of Matador Production Company for compulsory pooling, Lea County, New Mexico.**
Rodney Robinson Fed No. 218H Well

Ladies & Gentlemen:

This letter is to advise you that Matador Production Company has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on May 2, 2019 and the status of the hearing can be monitored through the Division's website at <http://www.emnrd.state.nm.us/ocd/>. Division hearings will commence at 8:15 a.m. in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Cassie Hahn at (972) 371-5440 or chahn@matadorresources.com.

Sincerely,

Adam G. Rankin
ATTORNEY FOR MATADOR PRODUCTION
COMPANY

Letter / Application Packets

The enclosed notice list was used for multiple application notifications

Date Mailed


Well Descriptions/ Case No.

04/12/19

**20443, 20444, 20445 & 20446 Rodney
Robinson Fed No. 103H, 108H, 217H &
218H Wells**

Client Name

MRC 79102.0002

Neopost Report # 92750901193562000013792373


**A. Mailer Action**

Note to Mailer: The labels and volume associated to this form online, **must** match the labeled packages being presented to the USPS® employee with this form.

Rodney Wells 103 H, 108H, 217H & 218H Wells -
MRC/OCD CM# 83379.0001 20443, 20444, 20445 & 20446

5.90

**Shipment Confirmation
Acceptance Notice**

Shipment Date: 04/10/2019

Shipped From:

Name: HOLLAND & HART LLP

Address: 110 N GUADALUPE ST # 1

City: SANTA FE

State: NM ZIP+4® 87501

Type of Mail	Volume
Priority Mail Express®	
Priority Mail®	0
First-Class Package Service®	
Returns	
International*	
Other	1
Total	1

*Start time for products with service guarantees will begin when mail arrives at the local Post Office™ and items receive individual processing and acceptance scans.

B. USPS Action

Note to RSS Clerk:

1. Home screen > Mailing/Shipping > More
2. Select Shipment Confirm
3. Scan or enter the barcode/label number from PS Form 5630
4. Confirm the volume count message by selecting Yes or No
5. Select Pay and End Visit to complete transaction

USPS EMPLOYEE: Please scan upon pickup or receipt of mail.
Leave form with customer or in customer's mail receptacle.

USPS SCAN AT ACCEPTANCE



9275 0901 1935 6200 0013 7923 73





Holland & Hart LLP
110 N Guadalupe St # 1
Santa Fe NM 87501

<input type="checkbox"/> Adult Signature Required	<input type="checkbox"/> Priority Mail Express
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail
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<input type="checkbox"/> Collect on Delivery (COD)	<input type="checkbox"/> Signature Confirmation Restricted Delivery
<input type="checkbox"/> Insured Mail	
<input type="checkbox"/> Priority Mail	

Affix Stamp Here
(if issued as an international
certificate of mailing or for
additional copies of this receipt).
Postmark with Date of Receipt.

1. 9214 8901 9403 8381 2899 35

EOG Resources Inc 104 South 4th Street Artesia NM 88210

Postage	(Extra Service) Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	ASR Fee	ASRD Fee	RD Fee	RR Fee	SC Fee	SCRD Fee	SH Fee
0.80	3.50								1.60			
		Handling Charge - if Registered and over \$50,000 in value				Adult Signature Required	Adult Signature Restricted Delivery	Restricted Delivery	Return Receipt	Signature Confirmation	Signature Confirmation Restricted Delivery	Special Handling

Total Number of Pieces Listed by Sender	Total Number of Pieces Received at Post Office
1	1
2	2
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4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
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100	100

Postmaster, Per (Name of receiving employee)

Pronghorn; Bone Spring (Pool Code 96228) Locator Map

Matador
Exhibit 6



Rodney Robinson Fed Com #103H and #108H

Pronghorn; Bone Spring (Pool Code 96228) Structure Map (Top Bone Spring Lime)

Map Legend

Rodney Robinson Fed
Com #103H and
#108H

Wellbore Locations



Project Area



Avalon
Producers



C.I. = 50'

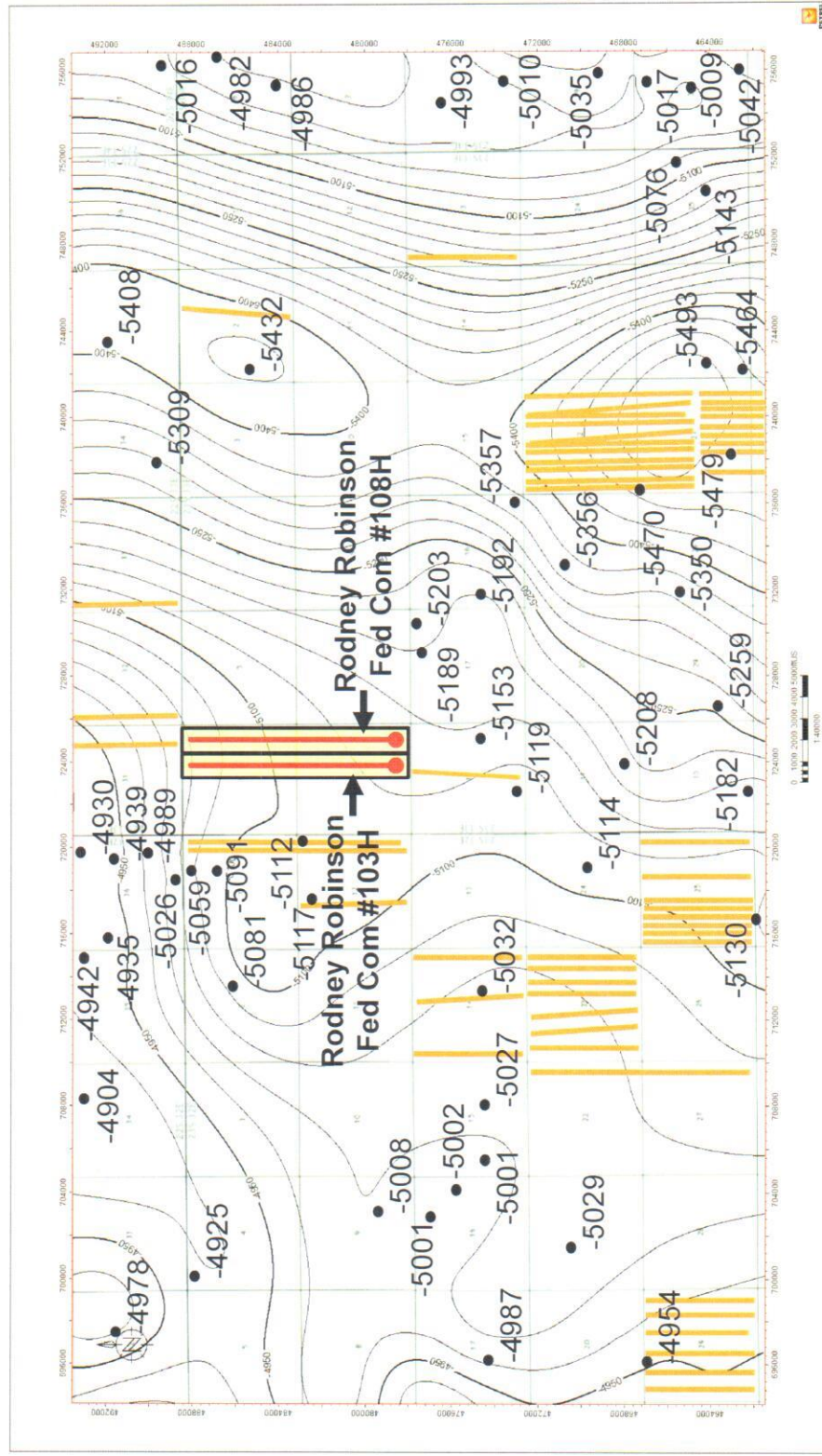


EXHIBIT 1

Rodney Robinson Fed Com #103H and #108H

Pronghorn; Bone Spring (Pool Code 96228) Structure Map (Top Bone Spring Lime) with Cross Section A-A'

Map Legend

Rodney Robinson Fed
Com #103H and
#108H

Wellbore Locations



Project Area



Cross Section A-A'



C. I. = 50'

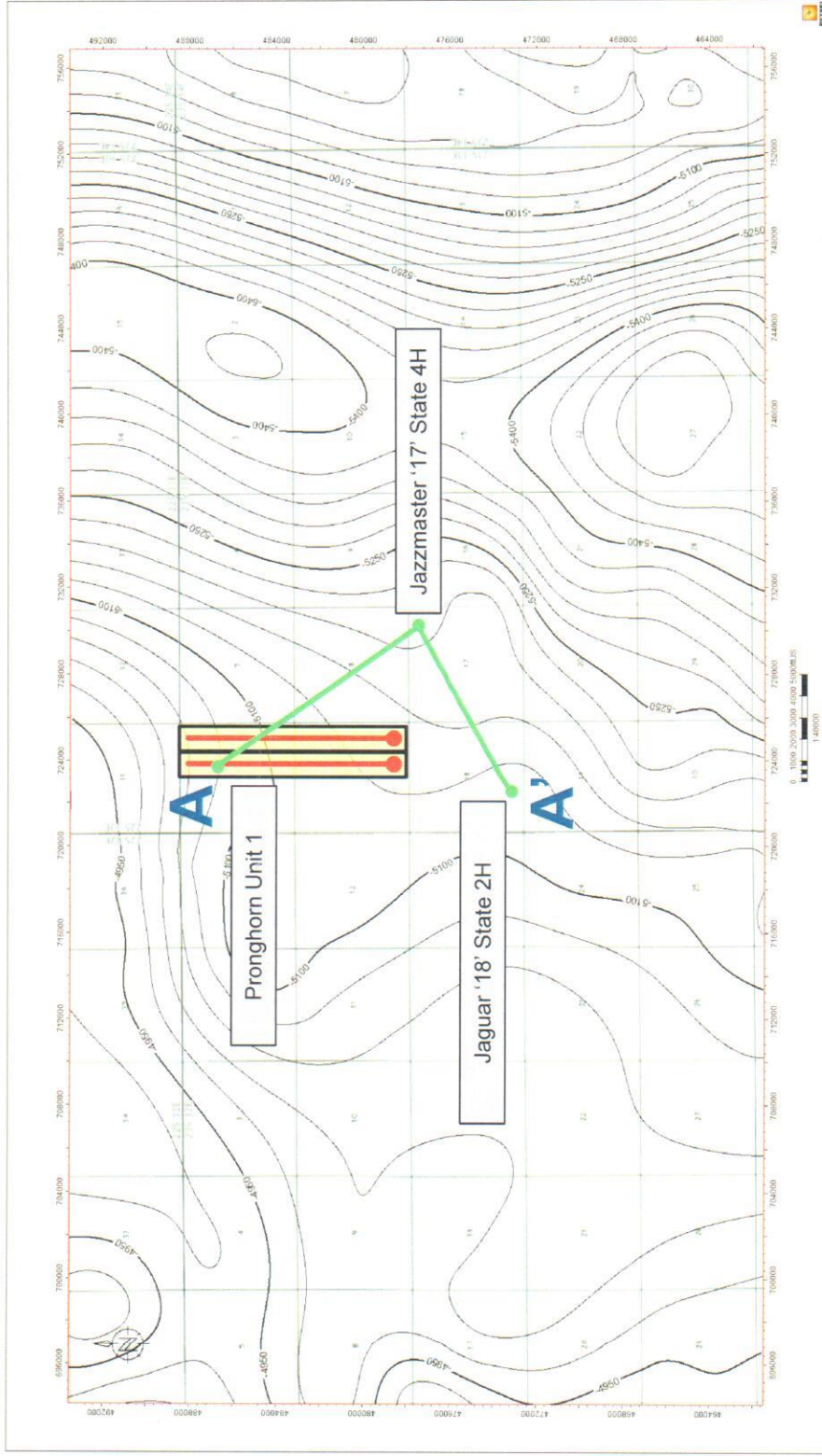
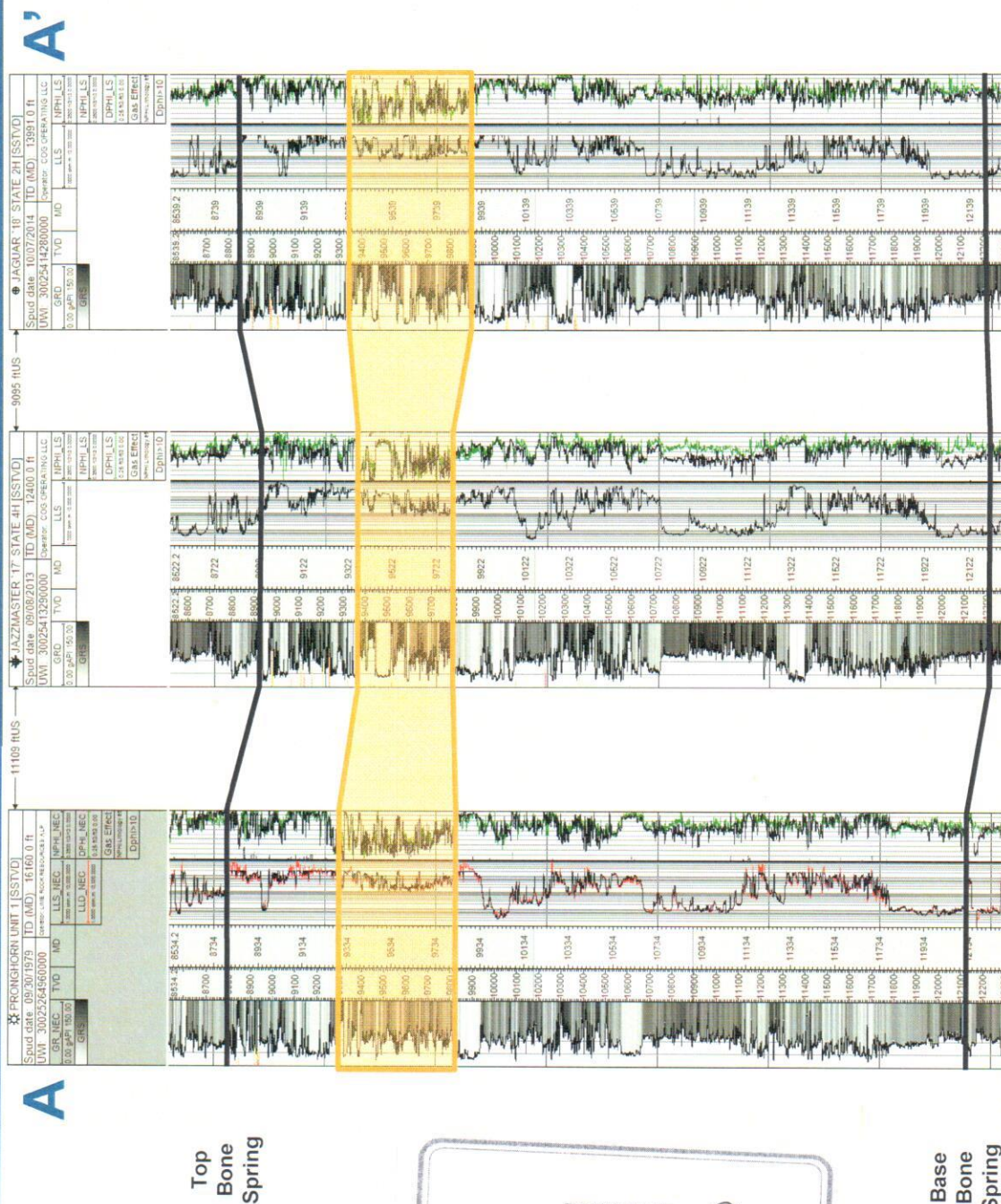


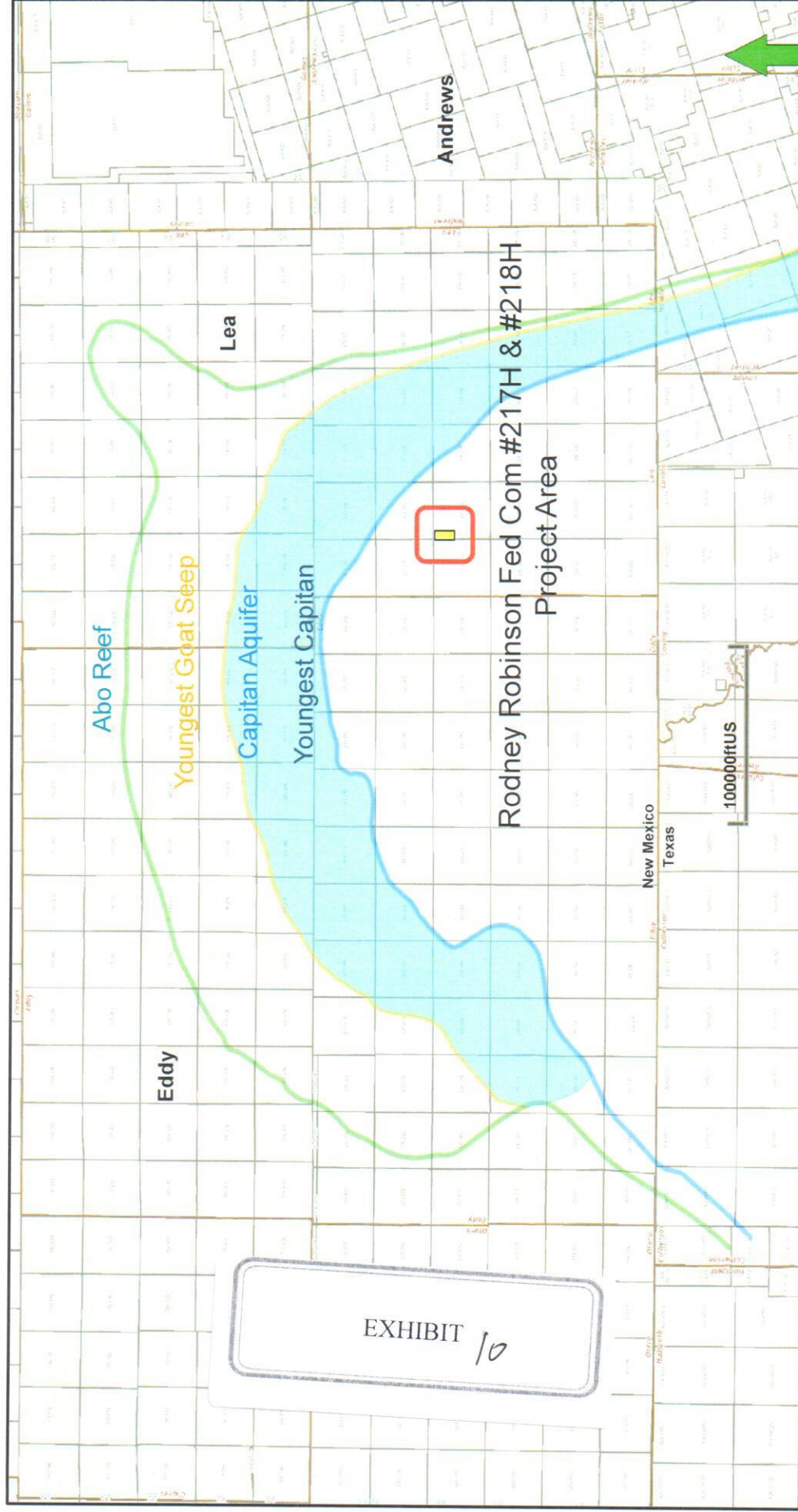
EXHIBIT 8

Rodney
Robinson 103H
& 108H
Target



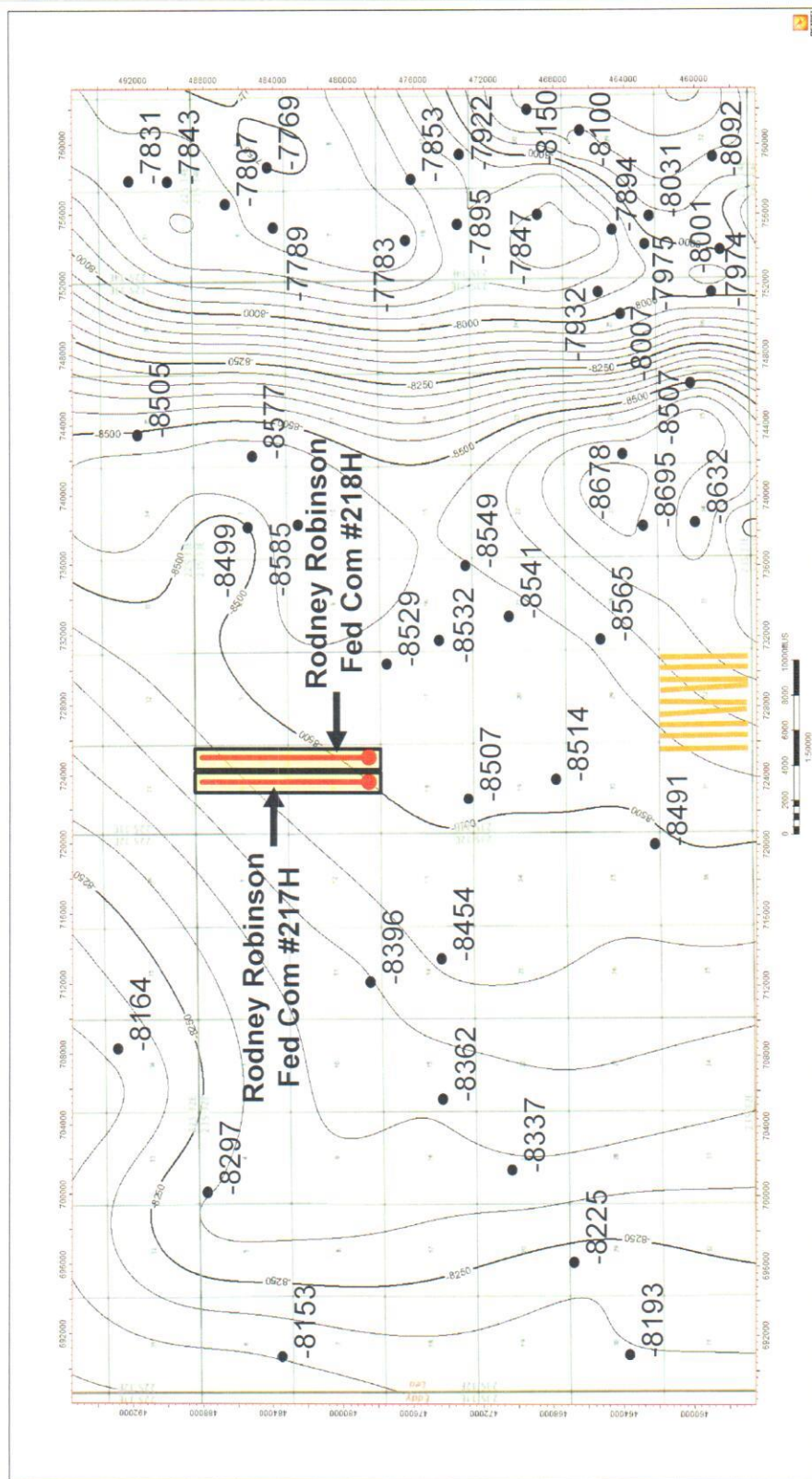
Rodney Robinson Fed Com #103H and #108H

WC-025 G-09 S223332A; UPR Wolfcamp (Pool Code 98177)
Locator Map



Rodney Robinson Fed
Com #217H and
#218H

Wellbore Locations



C.I. = 50'

WC-025 G-09 S223332A; UPR Wolfcamp (Pool Code 98177) Structure Map (Top Wolfcamp) with Cross Section A-A'

Map Legend

Rodney Robinson Fed

Com #217H and
#218H

Wellbore Locations



Project Area



Cross Section A-A'



C. I. = 50'

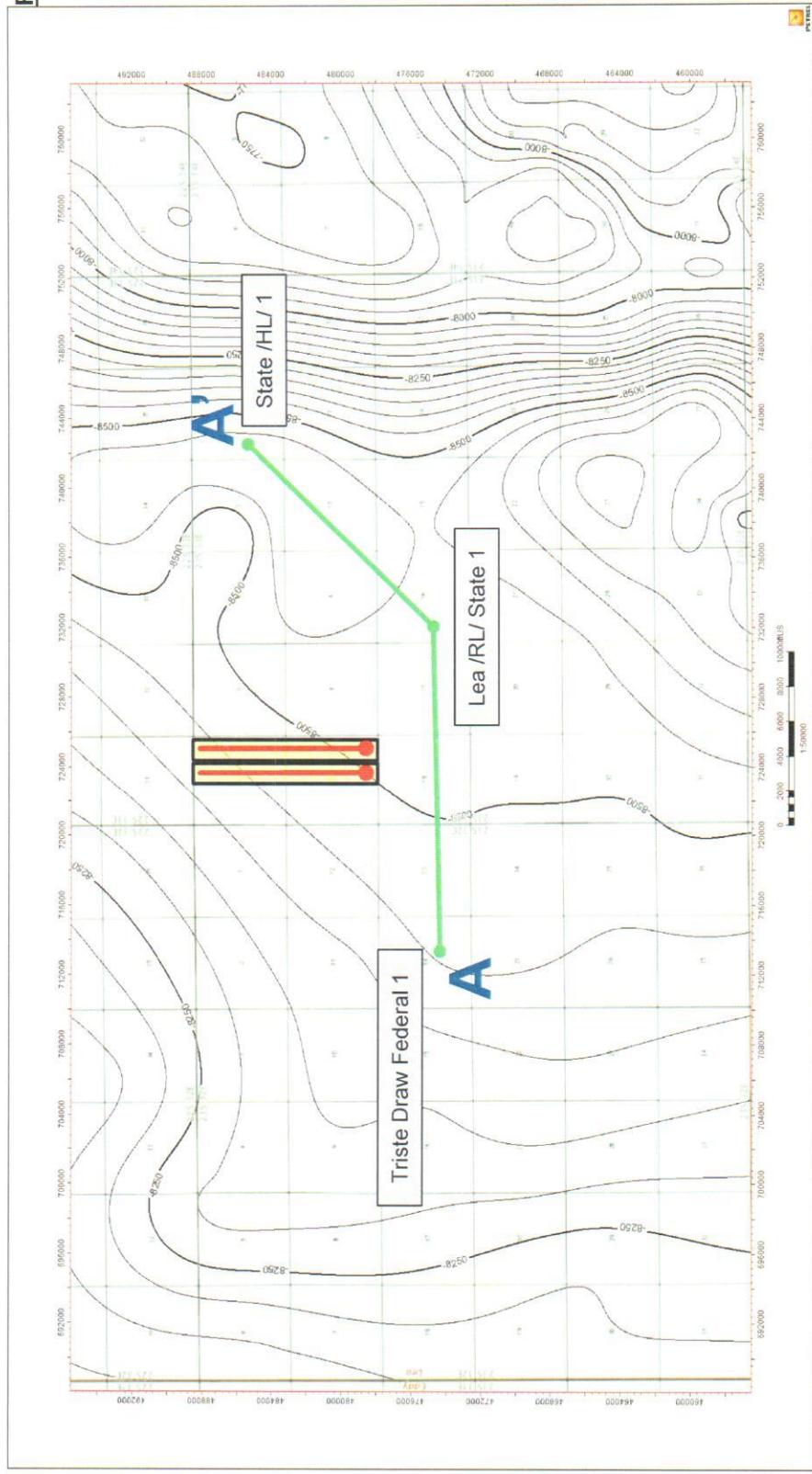


EXHIBIT 12

WC-025 G-09 S223332A; UPR Wolfcamp (Pool Code 98177) Structural Cross Section A-A'

