

K1LJ1-200103-C-107B 643

Revised March 23, 2017

RECEIVED: 1/3/20	REVIEWER:	TYPE: PLC	APP NO: pDM2000745261
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND
 REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: EOG Resources, Inc. **OGRID Number:** 7377
Well Name: Tumbling Dice 2 State Com 1H & others **API:** 30-025-41459
Pool: Red Hills; Upper Bone Spring Shale & others **Pool Code:** 97900

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION
 INDICATED BELOW**

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL☐ NSP (PROJECT AREA)☐ NSP (PRORATION UNIT)☐ SD

B. Check one only for [I] or [II]

[I] Commingling – Storage – Measurement

☐ DHC☐ CTB☒ PLC☐ PC☐ OLS☐ OLM

[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery

☐ WFX☐ PMX☐ SWD☐ IPI☐ EOR☐ PPR**2) NOTIFICATION REQUIRED TO:** Check those which apply.A. ☐ Offset operators or lease holdersB. ☒ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☒ Notification and/or concurrent approval by SLOE. ☐ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☐ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐ Notice Complete☐ Application
Content
Complete

3) CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Sarah Mitchell

Print or Type Name

Date

1/3/20

432-848-9133

Phone Number

Sarah_mitchell@eogresources.com

e-mail Address

Signature

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

OIL CONSERVATION DIVISION

1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: EOG Resources, Inc.
OPERATOR ADDRESS: P.O. Box 2267 Midland, Texas 79702
APPLICATION TYPE:

☐ Pool Commingling ☐ Lease Commingling ☒ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☒ State ☐ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. _____
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
☒ Yes ☐ No

(A) POOL COMMINGLING

Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Please see attached					

- (2) Are any wells producing at top allowables? ☐ Yes ☒ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.
(4) Measurement type: ☒ Metering ☐ Other (Specify)
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING

Please attach sheets with the following information

- (1) Pool Name and Code.
(2) Is all production from same source of supply? ☐ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No
(4) Measurement type: ☐ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING

Please attach sheets with the following information

- (1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT

Please attach sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☐ No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)

Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Sarah Mitchell TITLE: Regulatory Contractor DATE: 1/3/20

TYPE OR PRINT NAME Sarah Mitchell TELEPHONE NO.: 432-848-9133

E-MAIL ADDRESS: sarah_mitchell@eogresources.com

APPLICATION FOR SURFACE POOL/LEASE COMMINGLING

EOG Resources, Inc. ("EOG") respectfully requests approval to surface pool/lease commingle oil & gas from the following wells:

Well Name	Location	API #	Pool	Status	Oil BPD	Gravities	MSCFPD	BTU
Tumbling Dice 2 State Com 1H	M-2-25S-34E	30-025-41459	Red Hills; Upper Bone Spring Shale [97900]	Producing	14.7	43.36	88	1013
Orange Raider BPV State 1H	M-35-24S-34E	30-025-39712	Red Hills; Bone Spring, East [97369]	Producing	203	42	497	1130

GENERAL INFORMATION :

- State of New Mexico lease VB-1586-0001 covers 320.00 acres, being the S/2 of Section 2 in Township 25 South, Range 34 East, Lea County, New Mexico
- State of New Mexico lease VB-1585-0001 covers 319.52 acres being the N/2 of Section 2 in Township 25 South, Range 34 East, Lea County, New Mexico
- State of New Mexico lease V0-7379-0001 covers 320.00 acres being the W/2 of Section 35 in Township 24 South, Range 34 East, Lea County, New Mexico
- The central tank battery to service the subject wells is located in the SW/4 SW/4 (Unit M) of Section 2-25S-34E on State of New Mexico Lease VB-1586-0001.
- An application to commingle production from the subject wells is being submitted to the NMOCD and the New Mexico State Land Office.
- Enclosed herewith is (1) a map that displays the leases, the location of the subject wells, and the proposed CTB, (2) a process flow diagram, (3) and the C-102 plat for each of the wells.

FUTURE ADDITIONS

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) EOG Resources, Inc. respectfully requests the option to include additional pools or leases within the defined parameters set forth in the order for future additions.

PROCESS AND FLOW DESCRIPTIONS:

The production from each well will flow into a dedicated 3-phase separator. The production stream will be separated into 3 independent streams (gas, oil, and water) by the separator and each stream will be measured individually after it exits the separator. The gas will be measured using a senior orifice meter and used to allocate total volume

measured at the facility check meter, high pressure flare meter, and low pressure flare meter.

Tumbling Dice 2 State Com 1H gas allocation meter is (S/N *11111111)

Orange Raider BPV State 1H gas allocation meter is (S/N *11111111)

The oil from the separators will be measured using a Coriolis meter.

Tumbling Dice 2 State Com 1H oil allocation meter is (S/N *11111111)

Orange Raider BPV State 1H oil allocation meter is (S/N *11111111)

The water will be measured using a vortex meter. The water from each separator is combined in a common header and flows into (2) 500 barrel coated steel tanks. Guided wave radar is used to measure water volumes in these tanks. The oil from each separator will be combined into a common header and flow into a heated horizontal separator (HHS) to aid separation of water entrained in the oil. Water from the heated separator flows into the common water header connected to the (2) 500 barrel water tanks. The water is then pumped and/or trucked to a salt water disposal well. The oil from the heated separator flows through a vapor recovery tower (VRT) where gas is allowed to breakout at a lower pressure, and then the oil flows into (2) 500 barrel coated steel tanks. Guided wave radar is used to measure water and oil volumes in these tanks. Oil is pumped out of the tanks through a Coriolis meter into a truck or a pipeline. Every tank utilizes a guided wave radar to determine the volume of product in each. After the gas from each separator is measured it is combined into a common header. The gas from the heated separator also flows into this header. The gas flows through the header to a custody transfer meter (S/N *11111111) that serves as our lease production meter. If the pipeline is experiencing problems and cannot take any gas, the gas will flow through the high pressure meter (S/N *11111111) to flare. If an individual well needed to be flared for any operation reason it will be manually routed through the individual well flare meter (S/N *11111111) to the flare. The overhead gas from the vapor recovery tower is compressed by a vapor recovery compressor and then measured by a custody transfer meter (S/N *11111111). The gas from the vapor recovery system combines with the gas from the lease production meter and flows into our gas gathering pipeline system.

*Meter numbers will be provided upon installation of meters and completion of the facility.



P.O. Box 2267, Midland, Texas 79702
Phone: (432) 848-9120

Date: January 2, 2020

To: State of New Mexico Oil Conservation Division
New Mexico State Land Office

Re: Surface Pool/Lease Commingling Application; Tumbling Dice 2 State
Com 1H, Orange Raider BPV State 1H

To whom it may concern:

This letter serves to notice you that the ownership in the production of the following wells is Diverse as defined in 19.15.12.7 A. NMAC:

Well Name	Location	API #	Pool	Status
TUMBLING DICE 2 STATE COM 1H	M-2-25S-34E	30-025-41459	RED HILLS; UPPER BONE SPRING SHALE [97900]	Producing
ORANGE RAIDER BPV STATE 1H	M-35-24S-34E	30-025-39712	RED HILLS; BONE SPRING, EAST [97369]	Producing

The royalty, overrides and working interest are diverse on a well by well basis. All owners are listed on Exhibit A, attached hereto.

I certify that this information is true and correct to the best of my knowledge.

Sincerely,

EOG Resources, Inc.

By: 
Dustin Bynum
Land Specialist

Commingling Application for Tumbling Dice 2 State Com Facility
EOG Resources, Inc.
EXHIBIT A- Notice List

New Mexico Oil Conservation Division
Attn: Mr. Dean McClure
1220 South St. Francis Drive
Santa Fe, NM 87505
Via OCD Online

New Mexico Oil Conservation Division
Attn: Mr. Paul Kautz
1625 N. French Drive
Hobbs, New Mexico 88240
7019 0160 0000 0114 3803

EOG Resources, Inc.
P.O. Box 2267
Midland, Texas 79702

Oxy Y-1 Company
Attn: Mr. Jeremy Murphrey
5 Greenway Plaza, Suite 110
Houston, Texas 77046
7019 0160 0000 0114 3810

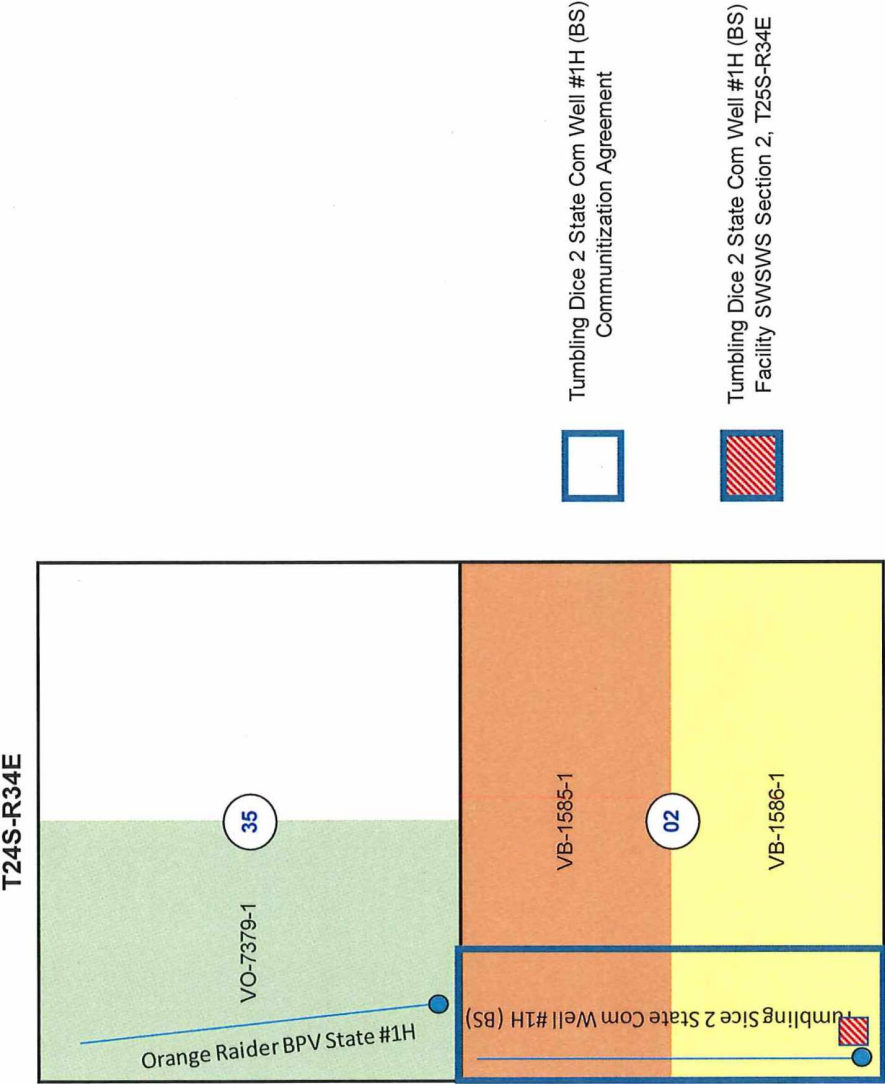
Sharbro Energy, LLC
Attn: Ms. Liz Baker
P.O. Box 840
Artesia, New Mexico 88211-0840
7018 1130 0001 3044 4144

Commissioner of Public Lands
Attn: Commingling Manager
P.O. Box 1148
Santa Fe, NM 87504-1148
7018 1130 0001 3044 4694

Copies of this application were mailed to the following individuals, companies, and organizations
on or before January 3, 2020.



Sarah Mitchell
EOG Resources, Inc.





P.O. Box 2267, Midland, Texas 79702
Phone: (432) 848-9133

Certified Mail-Return Receipt

Date: January 2, 2020

Re: Surface Pool/Lease Commingling Application; Tumbling Dice 2 State
Com 1H, Orange Raider BPV State 1H

Dear Sir/Madam:

Enclosed please find EOG Resources, Inc.'s application to commingle production at its Tumbling Dice 2 State Com Facility located in Lea County, New Mexico, filed this date with the New Mexico Oil Conservation Division (NMOCD) and the New Mexico State Land Office.

Any objections or requests for a hearing regarding this application must be submitted to the New Mexico Oil Conservation Division Santa Fe Office within 20 Days from the date the Division received this application.

Pursuant to Statewide rule 19.15.12.10(C)(4)(g) EOG Resources, Inc. requests the option to include additional pools or leases within the defined parameters set forth in the order for future additions.

For questions regarding this application, please contact me at 432-848-9133 or sarah_mitchell@eogresources.com

Kind regards,

EOG Resources, Inc.

By: 
Sarah Mitchell
Regulatory Contractor

[illegible]

Gas Drift Meter

Liquid Meter

*Test meter numbers will be provided upon installation of meters and completion of the facility.

TUMBLING DICE 2 STATE COM 1H PROCESS FLOW		EDG RESOURCES MIDLAND DIVISION	BY: ARC	1/2/2020
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APPLICATION FOR, COMINGLING AT A COMMON FACILITY
Proposal for Tumbling Dice 2 State Com 1H:
EOG Resources, Inc. is requesting approval to commingle the following wells in a common central tank battery:

State of New Mexico Leases VB-1586-0001, VB-1585-0001, VO-7379-0001									
Well Name	Location	API #	Pool	Status	Oil BPD	Gravities	MSCFPD	BTU	
Tumbling Dice 2 State Com 1H	M-2-25S-34E	30-025-41459	Red Hills; Upper Bone Spring Shale [97900]	Producing	14.7	43.36	88	1013	
Orange Raider BPV State 1H	M-35-24S-34E	30-025-39712	Red Hills; Bone Spring, East [97369]	Producing	203	42	497	1130	

*Estimated numbers for these wells; will provide actual numbers once these wells are producing.

Production Summary Report													
API: 30-025-39712													
ORANGE RAIDER BPV STATE #001H													
Printed On: Thursday, January 02 2020													
		Production						Injection					
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure		
2019	[97369] RED HILLS;BONE SPRING, EAST	May	27	0	92	3	0	0	0	0	0		
2019	[97369] RED HILLS;BONE SPRING, EAST	Jun	52	0	93	17	0	0	0	0	0		
2019	[97369] RED HILLS;BONE SPRING, EAST	Jul	5	0	10	2	0	0	0	0	0		
2019	[97369] RED HILLS;BONE SPRING, EAST	Aug	6	1	200	6	0	0	0	0	0		
2019	[97369] RED HILLS;BONE SPRING, EAST	Sep	201	93	985	30	0	0	0	0	0		
2019	[97369] RED HILLS;BONE SPRING, EAST	Oct	924	487	1603	31	0	0	0	0	0		

Production Summary Report API: 30-025-41459 TUMBLING DICE 2 STATE COM #001H Printed On: Thursday, January 02 2020												
Year	Pool	Month	Production				Days P/I	Injection				
			Oil(BBLS)	Gas(MCF)	Water(BBLS)			Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2019	[97900] RED HILLS;UPPER BONE SPRING SHALE	May	507	2748	725		31	0	0	0	0	0
2019	[97900] RED HILLS;UPPER BONE SPRING SHALE	Jun	480	2655	776		30	0	0	0	0	0
2019	[97900] RED HILLS;UPPER BONE SPRING SHALE	Jul	415	2850	1052		31	0	0	0	0	0
2019	[97900] RED HILLS;UPPER BONE SPRING SHALE	Aug	489	2892	876		31	0	0	0	0	0
2019	[97900] RED HILLS;UPPER BONE SPRING SHALE	Sep	512	2889	806		30	0	0	0	0	0
2019	[97900] RED HILLS;UPPER BONE SPRING SHALE	Oct	425	2371	662		30	0	0	0	0	0

AGUILERA
1625 N. French Dr., Hobbs, NM 88401
Phone: (505) 393-8161 Fax: (505) 393-4040

District II
1301 W. Grand Ave., Arma, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-8720

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) 478-3470 Fax: (505) 478-3482

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
Permit 110739

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-39712	2. Pool Code 97369	3. Pool Name Red Hills; Bone Spring, East
4. Property Code 314976	5. Property Name ORANGE RAIDER BPV STATE	6. Well No. 001H
7. OORID No. 270329	8. Operator Name Endurance Resources LLC	9. Elevation 3389

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	35	24S	34E		330	S	660	W	LEA

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	35	24S	34E		339	N	398	W	LEA
12. Dedicated Acres 160.00		13. Joles or Infill		14. Consolidation Code		15. 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

	BHL as drilled 339' FNL & 398' FWL	<p align="center">OPERATOR CERTIFICATION</p> <p><i>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(s) 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.</i></p> <p align="center"><i>L. A. Jugo</i></p> <p>Title: Engineer Date: 9-22-2015 manny@enduranceresourcesllc.com</p> <p align="center">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Surveyed By: Gary Jones Date of Survey: 3/6/2010 Certificate Number: 7977</p>
SHL 330' FSL & 660' FWL		

OCT 29 2015

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.
Sante 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 97900	³ Pool Name Red Hills; Upper Bone Spring Shale
⁴ Property Code	⁵ Property Name TUMBLING DICE 2 STATE COM	⁶ Well Number #1H
⁷ GRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3358'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	2	25-S	34-E	-	220'	SOUTH	760'	WEST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	2	25-S	34-E	-	231'	NORTH	372'	WEST	LEA

¹² Dedicated Acres 159.73	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. 244
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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.

	BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=774092 Y=425239 LAT.: N 32.1659976 LONG.: W 103.4475654	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 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 10/14/13 Date Stan Wagner Printed Name E-mail Address	
	LOWER MOST PERF. NEW MEXICO EAST NAD 1927 X=774093 Y=425139 LAT.: N 32.1657228 LONG.: W 103.4475665		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. Date of Survey Signature of Professional Surveyor Certificate Number
	UPPER MOST PERF. NEW MEXICO EAST NAD 1927 X=774117 Y=420529 LAT.: N 32.1530499 LONG.: W 103.4476106		
	SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=774498 Y=420421 LAT.: N 32.1527444 LONG.: W 103.4463838		

JUL 08 2014