

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II - (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV - (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-43585
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator EOG Resources, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 2267 Midland, TX 79702		7. Lease Name or Unit Agreement Name Black Bear 36 State
4. Well Location Unit Letter A 250 feet from the North line and 1195 feet from the East line Section 36 Township 25S Range 33E NMPM County Lea		8. Well Number 705H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3329' GR		9. OGRID Number 7377
10. Pool name or Wildcat WC-025 G-09 S253336D; Upper WC		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input checked="" type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

EOG Resources requests an amendment to our approved surface commingling order PLC-441. Adding additional wells:

Black Bear 36 State #705H 30-025-43585 (98094) WC-025 G-09 S253336D; Upper Wolfcamp
 Black Bear 36 State #601H 30-025-43583 (98094) WC-025 G-09 S253336D; Upper Wolfcamp

CTB located in Unit Letter D (NWNW) of Sec 36-25S-33E

Subsequently drilled wells that produce from the subject pool within the project areas approved by this order may be added to this commingling authority by submittal of a Sundry Notice to the Engineering Bureau in Santa Fe.

NMSLO is being notified concurrently with the filing of this application.

Spud Date: Rig Release Date:

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

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 4/20/2017
 Type or print name Stan Wagner E-mail address: _____ PHONE: 432-686-3689
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Michael McMillan Engineering Bureau

**APPLICATION FOR SURFACE POOL/LEASE COMMINGLING
& OFF LEASE STORAGE & MEASUREMENT**

By order PLC-441 dated January 26, 2016 EOG received approval from the New Mexico Conservation Division to surface commingle oil and gas production from the following pools and wells:

	API	Well Name	Well Number	Pool Code/Name
1	30-025-43006	BLACK BEAR 36 STATE	#701H	[98094] WC-025 G-09 S253336D; UPPER WOLFCAMP
2	30-025-43007	BLACK BEAR 36 STATE	#702H	[98094] WC-025 G-09 S253336D; UPPER WOLFCAMP
3	30-025-43008	BLACK BEAR 36 STATE	#703H	[98094] WC-025 G-09 S253336D; UPPER WOLFCAMP
4	30-025-43009	BLACK BEAR 36 STATE	#704H	[98094] WC-025 G-09 S253336D; UPPER WOLFCAMP
5	30-025-42154	BROWN BEAR 36 STATE	#502H	[97741] WC-025 G-09 S253335K; BONE SPRING
6	30-025-42153	BROWN BEAR 36 STATE	#701H	[98094] WC-025 G-09 S253336D; UPPER WOLFCAMP
7	30-025-42538	BROWN BEAR 36 STATE	#702H	[98094] WC-025 G-09 S253336D; UPPER WOLFCAMP
8	30-025-42539	BROWN BEAR 36 STATE	#703H	[98094] WC-025 G-09 S253336D; UPPER WOLFCAMP
9	30-025-42839	BROWN BEAR 36 STATE	#704H	[98094] WC-025 G-09 S253336D; UPPER WOLFCAMP

By letters dated May 20, 2015 and January 29, 2016 EOG received like approval from the State of New Mexico Commissioner of public lands.

EOG now respectfully requests permission to surface commingle oil and gas production from the above referenced wells with oil and gas production from the following wells:

	API	Well Name	Well Number	Location	Pool Code/Name	Status	*Oil API	*Gas BTU
1	30-025-43585	BLACK BEAR 36 STATE	#705H	A-36-25S-33E	[98094] WC-025 G-09 S253336D; UPPER WOLFCAMP	Permitted	47	1287/cft
2	30-025-43583	BLACK BEAR 36 STATE	#601H	A-36-25S-33E	[97741] WC-025 G-09 S253335K; BONE SPRING	Permitted	47	1287/cft

* projected, pending completion

Additionally, EOG hereby requests permission to surface commingle oil and gas production from the above referenced wells with oil and gas production from any other well completed in section 36-25S-33E in either of the pools described above.

Should approval be given, it will also serve as approval to measure and store production from the Black Bear wells off lease since these wells are/will be located on a different lease than the central tank battery.

General Information:

- State lease NM VB-1513-0001 covers 320 acres, being the W2 of section 36 T25S R33E Lea County, NM. All Brown Bear wells are located on this lease, as is the central tank battery.
- State lease NM VB-1512-0001 covers 320 acres, being the E2 of section 36 T25S R33E Lea County, NM. All Black Bear wells are located on this lease.
- Ownership of all Brown Bear and Black Bear wells is identical (see landman statement attached).
- The central tank battery has already been built and is covered by BL-2353 with the New Mexico State Land Office.
- Attached is (1) a map that displays the location of each of the wells and the CTB, (2) a process flow diagram, and (3) the C-102 plats for each of the wells.

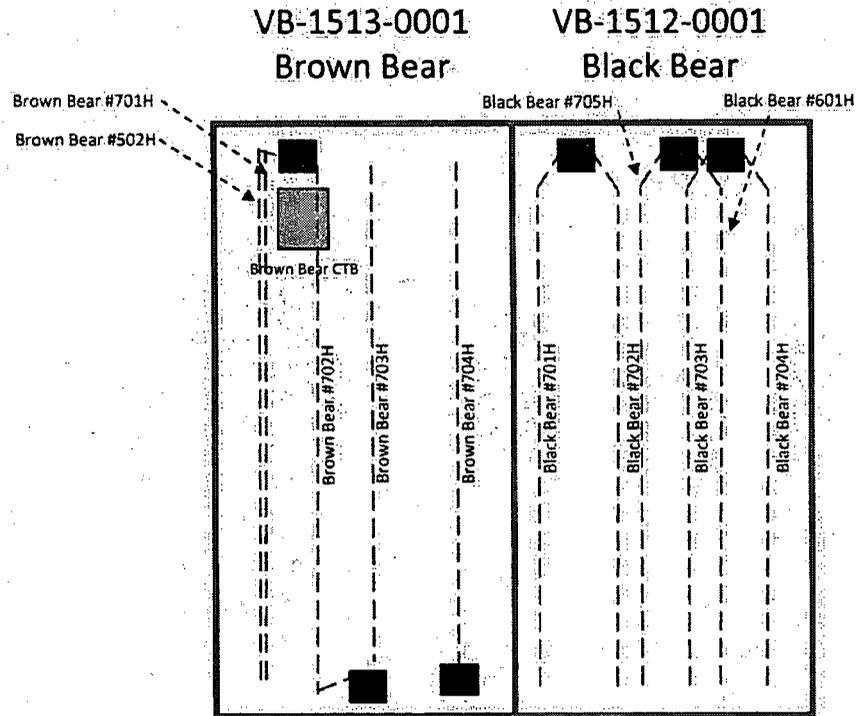
Oil and Gas Metering:

- Brown Bear 36 State #502H production is measured at its dedicated separator which includes: Coriolis meter for oil, senior orifice meter for gas, and turbine meter for water.
- Brown Bear 36 State #701H production is measured at its dedicated separator which includes: Coriolis meter for oil, senior orifice meter for gas, and turbine meter for water.
- Brown Bear 36 State #702H production is measured at its dedicated separator which includes: Coriolis meter for oil, senior orifice meter for gas, and turbine meter for water.
- Brown Bear 36 State #703H production is measured at its dedicated separator which includes: Coriolis meter for oil, senior orifice meter for gas, and turbine meter for water.
- Brown Bear 36 State #704H production is measured at its dedicated separator which includes: Coriolis meter for oil, senior orifice meter for gas, and turbine meter for water.
- Black Bear 36 State #701H production is measured at its dedicated separator which includes: Coriolis meter for oil, senior orifice meter for gas, and turbine meter for water.
- Black Bear 36 State #702H production is measured at its dedicated separator which includes: Coriolis meter for oil, senior orifice meter for gas, and turbine meter for water.
- Black Bear 36 State #703H production is measured at its dedicated separator which includes: Coriolis meter for oil, senior orifice meter for gas, and turbine meter for water.
- Black Bear 36 State #704H production is measured at its dedicated separator which includes: Coriolis meter for oil, senior orifice meter for gas, and turbine meter for water.
- Black Bear 36 State #705H production is measured at its dedicated separator which includes: Coriolis meter for oil, senior orifice meter for gas, and turbine meter for water.
- Black Bear 36 State #601H production is measured at its dedicated separator which includes: Coriolis meter for oil, senior orifice meter for gas, and turbine meter for water.

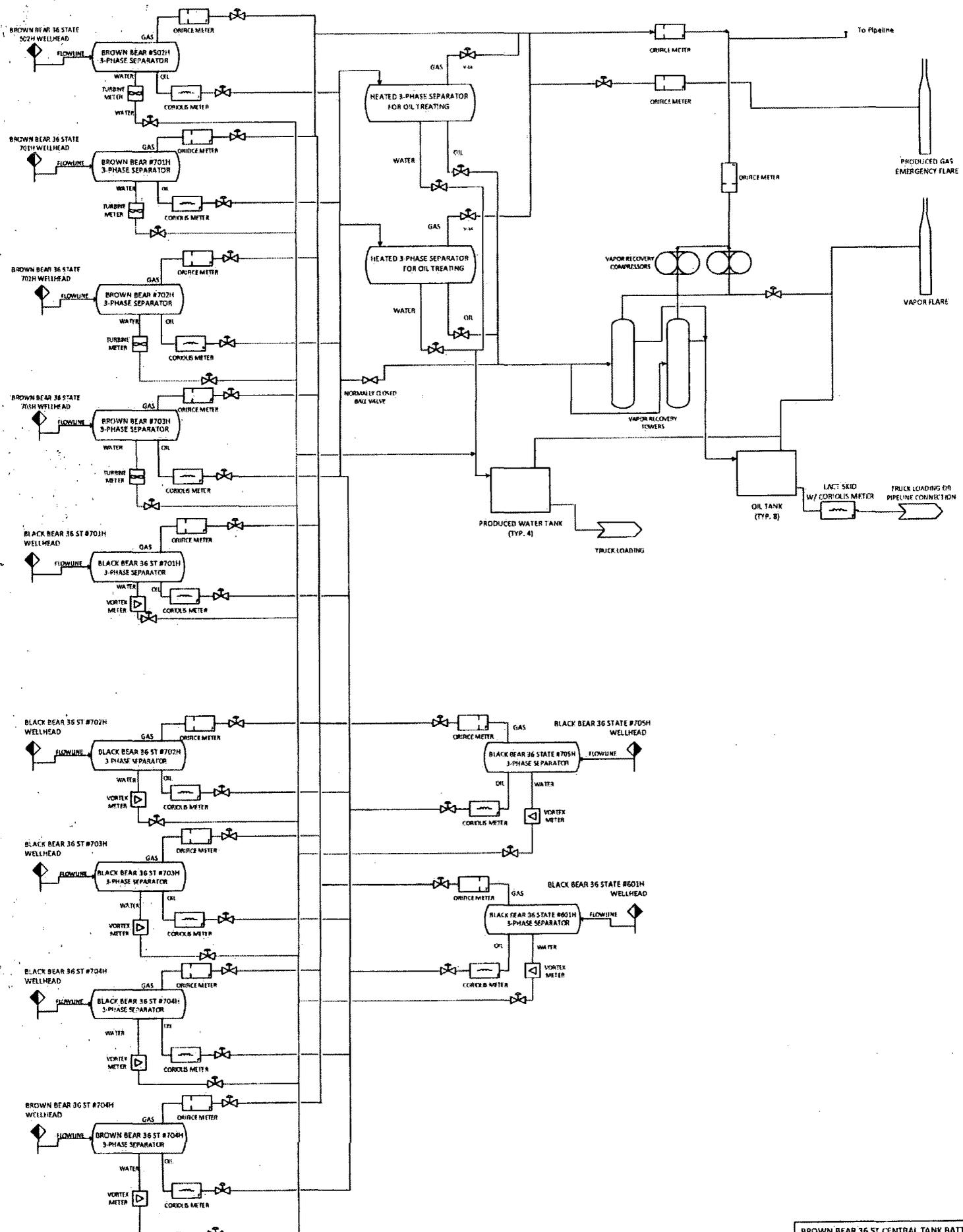
Process and Flow Descriptions:

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. The oil will be measured using a Coriolis meter, and the water will be measured using a turbine meter. The water from each separator is combined in a common header and flows into (4) 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 separator to aid separation of water entrained in the oil. Water from the heated separator flows into the common water header connected to the (4) 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 where gas is allowed to breakout at a lower pressure, and then the oil flows into (8) 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 orifice meter that serves as our lease production meter. The overhead gas from the vapor recovery tower is compressed by a vapor recovery compressor and then measured by a custody transfer orifice meter. The gas from the vapor recovery system combines with the gas from the lease production meter and flows into our gas gathering pipeline system.

BROWN/BLACK BEAR WELLS & CTB LAYOUT



Section 36 T25S R33E



BROWN BEAR 36 ST CENTRAL TANK BATTERY
 PROCESS FLOW DIAGRAM FOR STATE PERMIT
 BROWN BEAR 36 STATE CTB DATE: 2/9/2017
 DRAWN BY: RJM REV: D

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

API Number 30-025-43585		Pool Code 98094		Pool Name WC-025 G-09 S253336D; Upper Wolfcamp	
Property Code 38965		Property Name BLACK BEAR 36 STATE			Well Number #705H
UGRID No. 7377		Operator Name EOG RESOURCES, INC.			Elevation 3329'

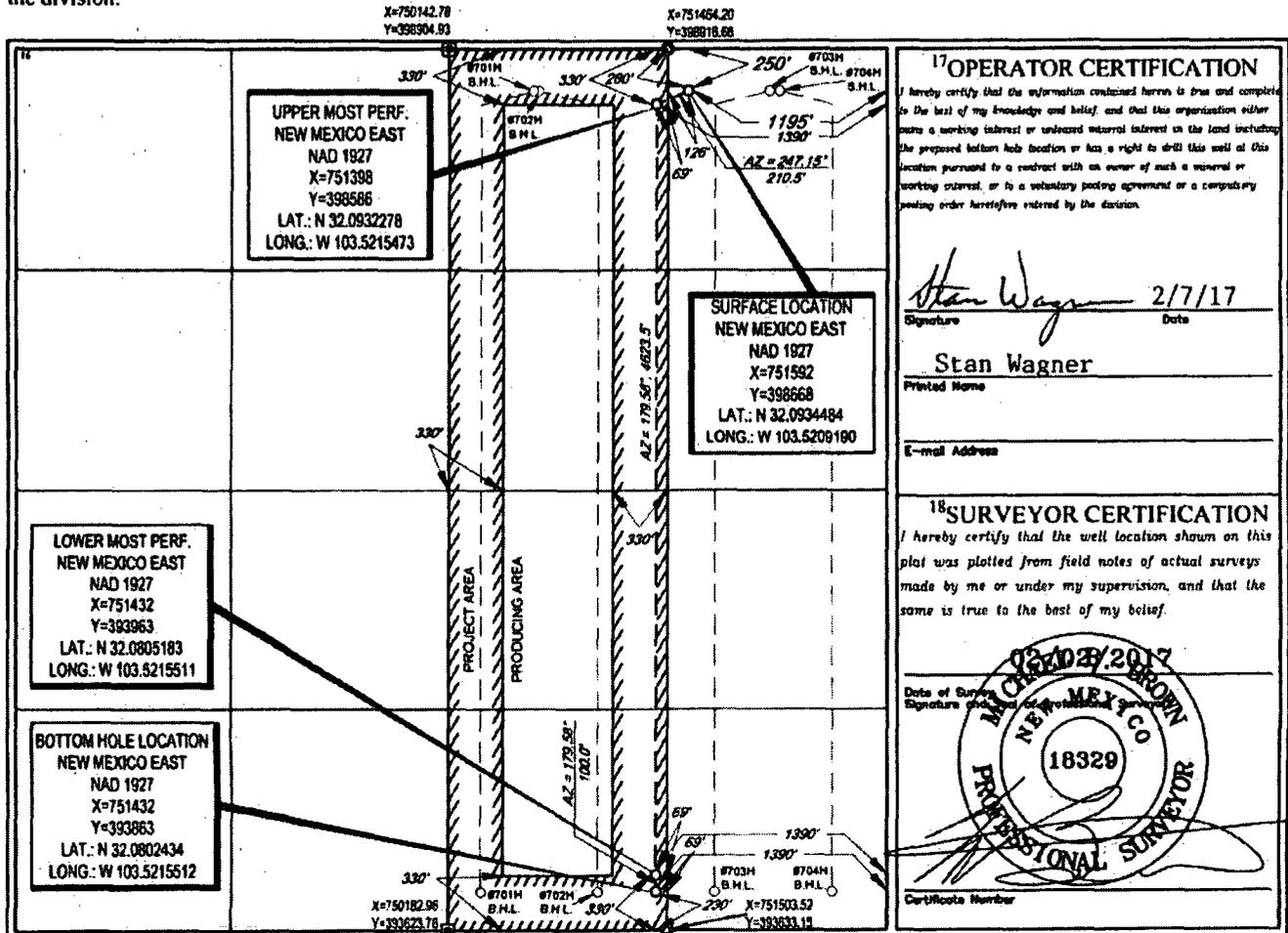
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	36	25-S	33-E	-	250'	NORTH	1195'	EAST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	36	25-S	33-E	-	230'	SOUTH	1390'	EAST	LEA

11 Dedicated Acres 160.00	12 Joint or Infill	13 Consolidation Code	14 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.





EOG Resources, Inc.
5509 Champions Drive
Midland, Texas 79706
(432) 686-3600

Date: April 19, 2017
To: State of New Mexico Oil Conservation Division
Re: Application for Surface Pool/ Lease Commingling & Off Lease Storage & Measurement – Black Bear/Brown Bear

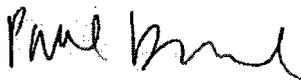
To whom it may concern:

This letter serves to notice you that the ownership of the following wells is identical in working, royalty, and overriding royalty interest and percentages:

1. Brown Bear 36 State #502H
2. Brown Bear 36 State #701H
3. Brown Bear 36 State #702H
4. Brown Bear 36 State #703H
5. Brown Bear 36 State #704H
6. Black Bear 36 State #701H
7. Black Bear 36 State #702H
8. Black Bear 36 Sate #703H
9. Black Bear 36 State #704H
10. Black Bear 36 State #705H
11. Black Bear 36 State #601H

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

EOG Resources, Inc.

By: 

Paul Boland
Sr. Landman