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12/3/12

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - 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

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
 [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD

 Check One Only for [B] or [C]
 [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

 [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

 [D] Other: Specify _____

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- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
 [A] Working, Royalty or Overriding Royalty Interest Owners
 [B] Offset Operators, Leaseholders or Surface Owner
 [C] Application is One Which Requires Published Legal Notice
 [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **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.

| | | | |
|------------------------------------|---------------|--|------------------|
| Spence Laird Print or Type Name | Signature | Regulatory Analyst Title | 10/22/12 Date |
| | | slaird@sandridgeenergy.com e-mail Address | |

District I
1625 N. French Drive, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised August 1, 2011

District II
811 S. First St., Artesia, NM 88210

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

APPLICATION TYPE
 Single Well
 Establish Pre-Approved Pools
EXISTING WELLBORE
 Yes No

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

APPLICATION FOR DOWNHOLE COMMINGLING

SandRidge Expl. & Prod., LLC Operator 123 Robert S. Kerr Ave., Oklahoma City, OK 73102 Address

LC-062170A Parcell Federal 8 Well No. J/ Sec 8 T21S R38E Lea County
Unit Letter-Section-Township-Range

OGRID No. 270265 Property Code 309281 API No. 30-025-40488 Lease Type: Federal State Fee

| DATA ELEMENT | UPPER ZONE | INTERMEDIATE ZONE | LOWER ZONE |
|--|---|---|--|
| Pool Name | L11111111 San Andres | UNDES. Drinkard | Wendy Abo |
| Pool Code | 39330 | 19190 | 62700 |
| Top and Bottom of Pay Section (Perforated or Open-Hole Interval) | 4300' - 4500' | 6,794' - 6,816' | 7,310 - 7,498 |
| Method of Production (Flowing or Artificial Lift) | Artificial Lift | Artificial Lift | Artificial Lift |
| Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone) | ✓ | 2942 OK for End | 3465 OK for FRAD |
| Oil Gravity or Gas BTU (Degree API or Gas BTU) | 32 deg | 32 deg | 32 deg |
| Producing, Shut-In or New Zone | New Zone (not perfed yet) | New Zone | Producing |
| Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.) | Date: Est. future rates Rates: 10 bod 5 mcf 20 bow | Date: 10/01/2012 Rates: 5 bod 0 mcf 40 bow | Date: 09/08/2012 Rates: 11 bod 0 mcf 65 bow |
| Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.) | Oil 35 % Gas 100 % | Oil 25 % Gas 0 % | Oil 40 % Gas 0 % |

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No

Are all produced fluids from all commingled zones compatible with each other? Yes No

Will commingling decrease the value of production? Yes No

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes No

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

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PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Spence Laird TITLE Regulatory Analyst DATE 10/17/2012
TYPE OR PRINT NAME Spence Laird TELEPHONE NO. (405) 429-6518
E-MAIL ADDRESS slaird@sandridgeenergy.com

Jones, William V., EMNRD

From: Spence Laird <slaird@sandridgeenergy.com>
Sent: Monday, December 03, 2012 9:12 AM
To: Jones, William V., EMNRD
Cc: Ezeanyim, Richard, EMNRD; Gonzales, Elidio L, EMNRD; Mull, Donna, EMNRD
Subject: RE: Downhole Commingle Applications from SandRidge Exploration & Production, LLC

Here is the info you requested for wells, 30-025-40487 & 40488.

| | | | |
|-----------------------------|----------|---------------|-------------|
| 40487 (Elliott Federal #4): | Static | Frac Gradient | |
| | ABO | 3178 psi | 1.00 psi/ft |
| | Drinkard | 2938psi | 1.00 psi/ft |

gradient 0.433 psi/ft

Will not frac due to average reservoir pressure

| | | | |
|-----------------------------|----------|----------|-------------|
| 40488 (Parcell Federal #8): | ABO | 3165 psi | 1.03 psi/ft |
| | Drinkard | 2942psi | 0.71 psi/ft |

SandRidge is no longer looking to move forward with the other two wells. If you need anything further on these wells please let me know. Thank you for looking at these wells and I appreciate your help!

Spence Laird

From: Jones, William V., EMNRD [<mailto:William.V.Jones@state.nm.us>]
Sent: Wednesday, November 14, 2012 5:15 PM
To: Spence Laird
Cc: Ezeanyim, Richard, EMNRD; Gonzales, Elidio L, EMNRD; Mull, Donna, EMNRD
Subject: Downhole Commingle Applications from SandRidge Exploration & Production, LLC

Hello Mr. Laird,

The C-107A form sometimes requires "Bottomhole Pressure" information depending on depth ranges of the perforations being commingled down hole.

The four recently submitted applications from SandRidge in Lea County do require this.

The four APIs are:

30-025-40488
30-025-40487
30-025-40434
30-025-40362

Please ask your engineer for an estimate of Static Reservoir Pressures for each of the reservoirs being targeted for production in each of these wells.

Then do the following check:

Within any one well, if the largest of the pressure numbers they give you is divided by the shallowest perforation and that number is greater than 0.65, then ask that engineer to provide a statement as to whether this upper interval would be subject to down hole fracturing if the well were shut in.

For your reference, below is the pertinent Rule:
19.15.12.11 DOWNHOLE COMMINGLING:

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Wednesday, November 14, 2012 4:15 PM
To: slaird@sandridgeenergy.com
Cc: Ezeanyim, Richard, EMNRD; Gonzales, Elidio L, EMNRD; Mull, Donna, EMNRD
Subject: Downhole Commingle Applications from SandRidge Exploration & Production, LLC

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For your reference, below is the pertinent Rule:

19.15.12.11 DOWNHOLE COMMINGLING:

A. The director may grant an exception to 19.15.12.9 NMAC to permit the commingling of multiple producing pools in existing or proposed well bores when the following conditions are met.

....(3) The bottom perforation of the lower zone is within 150 percent of the depth of the top perforation in the upper zone and the lower

zone is at or below normal pressure with normal pressure assumed to be 0.433 psi per foot of depth. If the pools to be commingled are not within

this vertical interval, then evidence is required to demonstrate that commingling will not result in shut-in or flowing well bore pressures in excess

of any commingled pool's fracture parting pressure. The fracture parting pressure is assumed to be 0.65 psi per foot of depth unless the applicant

submits other measured or calculated pressure data acceptable to the division.

You could just email this info to me and I can then complete the requested permits.

Thank You,

William V. Jones, P.E.

505-476-3448W 505-476-3462F
Engineering Bureau, Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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Engineering Bureau, Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210
DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
DISTRICT IV
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

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

Form C-102
Revised July 16, 2010
Submit to Appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-----------------------------------|--|---------------------------------|
| API Number 30-025-40488 | Pool Code 62700 | Pool Name Wantsy; Abo |
| Property Code 309281 | Property Name PARCELL FEDERAL | |
| OGRID No. 270265 | Operator Name SANDRIDGE E+P, LLC | Well Number 8 |
| | | Elevation 3565' |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| J | 8 | 21-S | 38-E | | 1485 | SOUTH | 1375 | EAST | 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 |
|----------------------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| Dedicated Acres: 40 | | | | | | | | | |
| 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>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=544342.2 N X=887131.8 E</p> <p>LAT.=32.490243° N LONG.=103.077816° W</p> | | <p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Karen Sharp</i> 8-1-11 Signature Date</p> <p>KAREN SHARP Printed Name</p> <p>ksharp@sandridgeenergy.com E-mail Address</p> |
| | | <p>SURVEYOR 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 and correct to the best of my belief.</p> <p>MAY 31, 2011 Date of Survey</p> <p>Signature & Seal of Professional Surveyor: <i>Ronald J. Eldson</i></p> <p></p> <p>Certificate Number: Gary G. Eldson 12641 Ronald J. Eldson 3239</p> <p>DSS JWSC W.O.: 11.11.1209</p> |

DISTRICT I
1825 N. FRENCH DR., HOBBS, NM 88240
DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210
DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
DISTRICT IV
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

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

Form C-102
Revised July 18, 2010
Submit to Appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-----------------------------------|--|------------------------------|
| API Number 30-025-40488 | Pool Code 62700 | Pool Name Drinkard |
| Property Code 309281 | Property Name PARCELL FEDERAL | |
| OGRID No. 270265 | Operator Name SANDRIDGE E & P, LLC | Well Number 8 |
| | | Elevation 3565' |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| J | 8 | 21-S | 38-E | | 1485 | SOUTH | 1375 | EAST | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| | | | |
|------------------------------|-----------------|--------------------|-----------|
| Dedicated Acres 40 | Joint or Infill | Consolidation Code | Order No. |
|------------------------------|-----------------|--------------------|-----------|

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| | | |
|---|--|--|
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| | | <p>SURVEYOR 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 and correct to the best of my belief.</p> <p>MAY 31, 2011 Date of Survey</p> <p>Signature & Seal of Professional Surveyor: <i>Gary G. Eldson</i></p> <p>NEW MEXICO 3239 Professional Surveyor</p> <p>Certificate Number: Gary G. Eldson 12641 J. Eldson 3239</p> <p>DSS JWSC W.O.: 11.11.1209</p> |

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

Form C-102
Revised July 16, 2010
Submit to Appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-----------------------------------|--|--------------------------------|
| API Number 30-025-40488 | Pool Code 62700 | Pool Name San Andres |
| Property Code 309281 | Property Name PARCELL FEDERAL | |
| OGRID No. 270265 | Operator Name SANDRIDGE E&P, LLC | |
| | | Well Number 8 |
| | | Elevation 3565' |

Surface Location

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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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| | | | |
|------------------------------|-----------------|--------------------|-----------|
| Dedicated Acres 40 | 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

| | | |
|---|--|---|
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| | | <p>SURVEYOR 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 and correct to the best of my belief.</p> <p>MAY 31, 2011 Date of Survey</p> <p>Signature & Seal of Professional Surveyor: Gary G. Eldson Certificate Number 3239 DSS JWSC W.O.: 11.11.1209</p> |

Parcell Federal #8

30-025-40488

Lea Co., NM

Downhole Commingle – No production curve explanation:

SandRidge Expl. & Prod., LLC does not have a production curve for any of the three zones due to the amount of time they have been productive. Two zones have been productive (Abo & Drinkard) only long enough to get tests for this application and the other (San Andres) has not been perforated yet. This well was spud on 7/20/2012.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **SandRidge Expl. & Prod., LLC**

3a. Address
123 Robert S Kerr Ave., OKC, OK 73102

3b. Phone No. (include area code)
405-429-6518

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1485' FSL & 1375' FEL UL J of Sec 8 - 21S - 38E

5. Lease Serial No.
LC062170-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Parcell Federal #8

9. API Well No.
30-025-40488

10. Field and Pool, or Exploratory Area
Wantz; Abo, Drinkard & San Andres

11. County or Parish, State
Lea, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other Downhole Commingl |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

SandRidge Expl. & Prod., LLC respectfully requests the right to downhole commingle the approved ABO formation with the Drinkard and the San Andres formations. Sandridge has mineral rights to all three formations and would like to produce these available minerals in the most effective manner possible (please see attachments for further information regarding this DHC).

Thank you for your time.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) **Spence Laird** Title **Regulatory Analyst**

Signature  Date **10/16/2012**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.