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

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

Form C-103
Revised July 18, 2013

WELL API NO.

5. Indicate Type of Lease STATE [x] FEE [ ]

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: Volleyball Stat3

1. Type of Well: Oil Well [x] Gas Well [ ] Other

8. Well Number: #001

2. Name of Operator: Armstrong Energy Corporation

9. OGRID Number: 1092

3. Address of Operator: PO Box 1973, Roswell NM 88202

10. Pool name or Wildcat: Coyote; Wolfcamp

4. Well Location
Unit Letter P : 660 feet from the South line and 660 feet from the East line
Section 2 Township 12S Range 26E NMPM County Chaves

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	[X]	PLUG AND ABANDON	[ ]	REMEDIAL WORK	[ ]	ALTERING CASING	[ ]
TEMPORARILY ABANDON	[ ]	CHANGE PLANS	[ ]	COMMENCE DRILLING OPNS.	[ ]	P AND A	[ ]
PULL OR ALTER CASING	[ ]	MULTIPLE COMPL	[ ]	CASING/CEMENT JOB	[ ]		
DOWNHOLE COMMINGLE	[ ]						
CLOSED-LOOP SYSTEM	[ ]						
OTHER:	[ ]			OTHER:			[ ]

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.

Approval is requested to move back up hole and re-perforate the Abo formation of the Volleyball State #001. This well was previously producing from the Abo formation, in 11/2019 it was cemented off in pursuit of down-hole production. We would like to set a CIBP above the current existing wolfcamp perforations and dump 35' of cement on top. Armstrong Energy Corp would like to move back up hole and re-perforate the same interval in the Abo as was previously producing at 4,818' - 4,915'.

Spud Date: 02/15/2007

Rig Release Date:

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

SIGNATURE Jeffery Tew TITLE Operations Engineer DATE 3/3/2022

Type or print name Jeffery Tew E-mail address: jtew@aecnm.com PHONE: 575-625-2222

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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
1220 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, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-005-63887	97418	Sand Draw, Abo

4 Property Code	5 Property Name	6 Well Number
	Volleyball State	1

7 OGRID No.	8 Operator Name	9 Elevation
1092	Armstrong Energy Corporation	3675

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
P	2	12S	26E		660	South	660	East	Chaves

11 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

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
160			

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.

16

Lease No.: VO-07831

660'
660'

17 OPERATOR 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 — Date: 7/20/2007

Bruce A. Stubbs
Printed Name

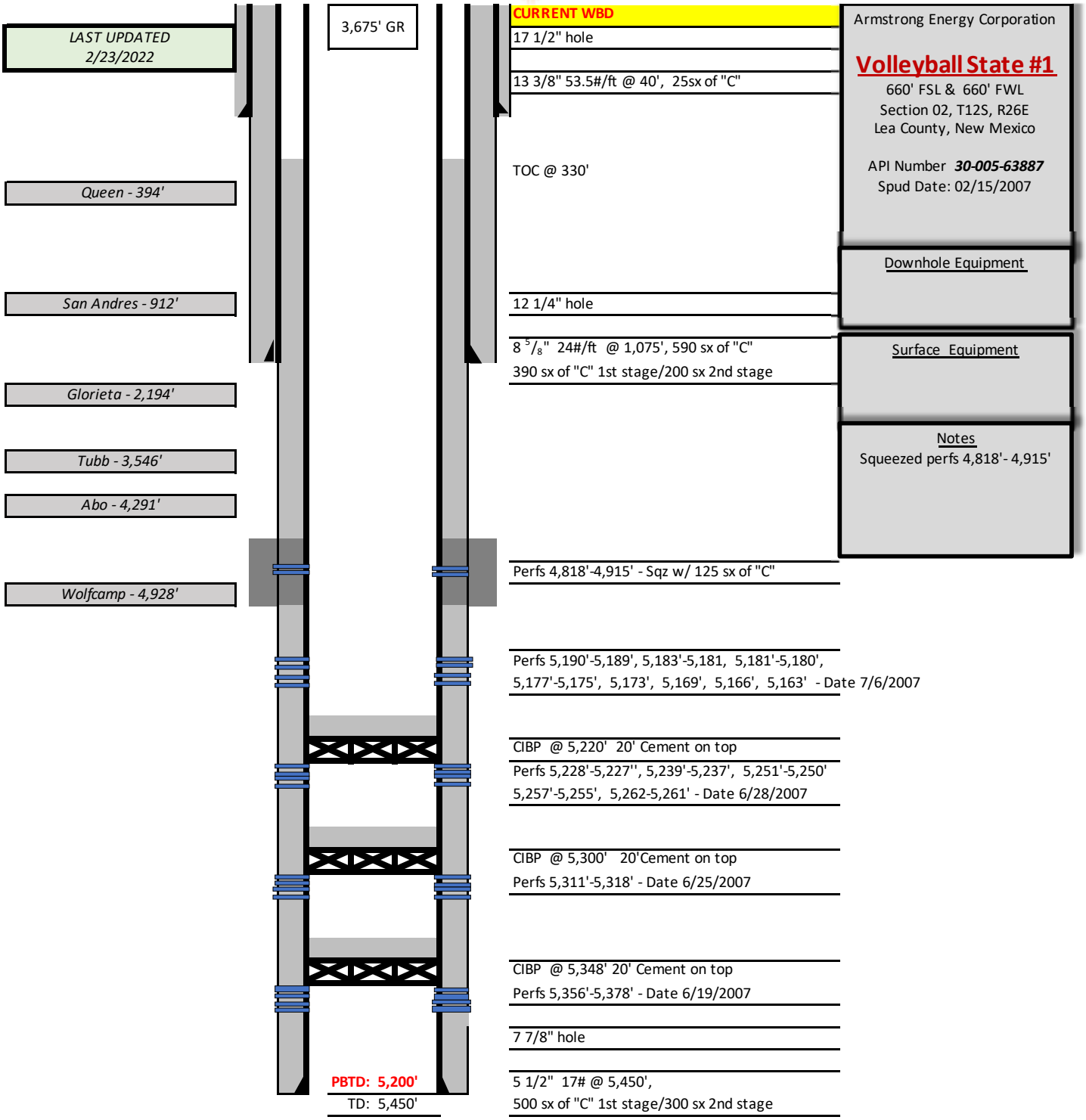
18 SURVEYOR CERTIFICATION

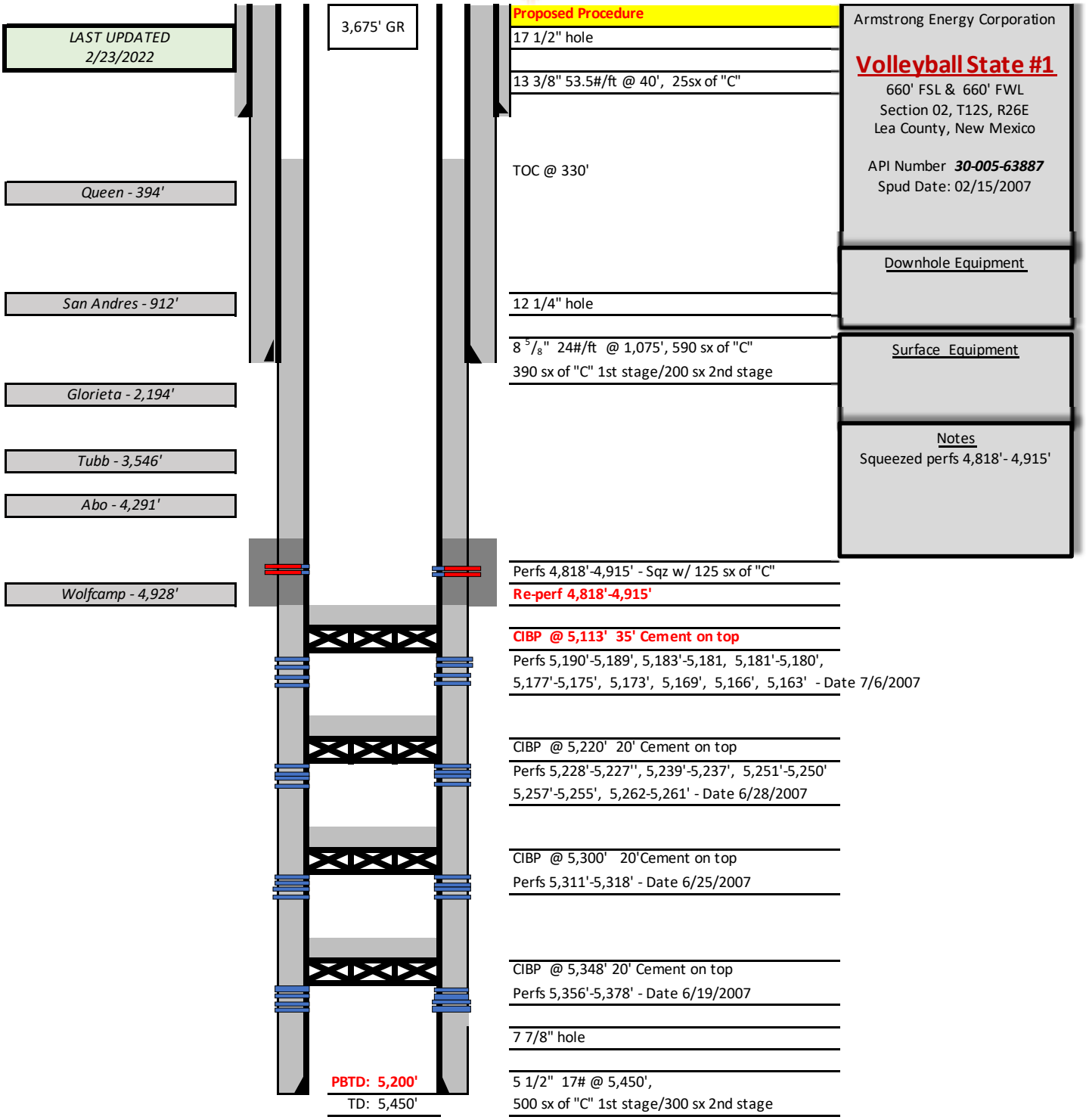
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

11/28/06
Date of Survey

Signature and Seal of Professional Surveyor: JOHN D. JAQUESS, New Mexico, 6290, Registered Professional Engineer

6290
Certificate Number


LAST UPDATED
2/23/2022
3,675' GR
CURRENT WBD
17 1/2" hole
13 3/8" 53.5#/ft @ 40', 25sx of "C"
TOC @ 330'
Queen - 394'
San Andres - 912'
12 1/4" hole
8 5/8" 24#/ft @ 1,075', 590 sx of "C"
390 sx of "C" 1st stage/200 sx 2nd stage
Glorieta - 2,194'
Tubb - 3,546'
Abo - 4,291'
Wolfcamp - 4,928'
Perfs 4,818'-4,915' - Sqz w/ 125 sx of "C"
Perfs 5,190'-5,189', 5,183'-5,181, 5,181'-5,180',
5,177'-5,175', 5,173', 5,169', 5,166', 5,163' - Date 7/6/2007
CIBP @ 5,220' 20' Cement on top
Perfs 5,228'-5,227'', 5,239'-5,237', 5,251'-5,250'
5,257'-5,255', 5,262-5,261' - Date 6/28/2007
CIBP @ 5,300' 20'Cement on top
Perfs 5,311'-5,318' - Date 6/25/2007
CIBP @ 5,348' 20' Cement on top
Perfs 5,356'-5,378' - Date 6/19/2007
7 7/8" hole
PBTD: 5,200'
TD: 5,450'
5 1/2" 17# @ 5,450',
500 sx of "C" 1st stage/300 sx 2nd stage
Armstrong Energy Corporation
Volleyball State #1
660' FSL & 660' FWL
Section 02, T12S, R26E
Lea County, New Mexico
API Number 30-005-63887
Spud Date: 02/15/2007
Downhole Equipment
Surface Equipment
Notes
Squeezed perfs 4,818'- 4,915'


LAST UPDATED
2/23/2022
3,675' GR
Proposed Procedure
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13 3/8" 53.5#/ft @ 40', 25sx of "C"
TOC @ 330'
Queen - 394'
San Andres - 912'
12 1/4" hole
8 5/8" 24#/ft @ 1,075', 590 sx of "C"
390 sx of "C" 1st stage/200 sx 2nd stage
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Tubb - 3,546'
Abo - 4,291'
Wolfcamp - 4,928'
Perfs 4,818'-4,915' - Sqz w/ 125 sx of "C"
Re-perf 4,818'-4,915'
CIBP @ 5,113' 35' Cement on top
Perfs 5,190'-5,189', 5,183'-5,181, 5,181'-5,180',
5,177'-5,175', 5,173', 5,169', 5,166', 5,163' - Date 7/6/2007
CIBP @ 5,220' 20' Cement on top
Perfs 5,228'-5,227'', 5,239'-5,237', 5,251'-5,250'
5,257'-5,255', 5,262-5,261' - Date 6/28/2007
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Armstrong Energy Corporation
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660' FSL & 660' FWL
Section 02, T12S, R26E
Lea County, New Mexico
API Number 30-005-63887
Spud Date: 02/15/2007
Downhole Equipment
Surface Equipment
Notes
Squeezed perfs 4,818'- 4,915'

NATURAL GAS MANAGEMENT PLAN ATTACHMENTS:

VI: Description of how Armstrong Energy Corporation will size separation equipment to optimize gas capture.

Separation equipment will be sized by Armstrong Energy Corporation's engineering staff based on anticipated volumes to allow adequate retention time of the produced fluids within the vessel.

VII: Descriptions of the actions Armstrong Energy Corporation will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC

A. Armstrong Energy Corporation will maximize the recovery of natural gas by minimizing waste of natural gas through venting and flaring. AEC will ensure that our wells will be connected to a natural gas gathering system with sufficient capacity to transport 100% of the produced natural gas. Should a natural gas gathering system be unfeasible, an alternative beneficial use will be found for the gas.
B. All drilling operations will be equipped with a properly sized flare stack located at least 100 feet from the surface hole location. The flare will be utilized to combust any natural gas that is brought to surface during normal drilling operations. In the case of emergency or malfunction, any flared volumes will be reported appropriately.
C. During completion operations any natural gas produced by the well will be flared. Following completion and flowback operations, the production stream will flow to portable separation equipment until well facility is completed, at which point fluids will be directed to permanent separation equipment. The separated natural gas will be sent to a gas gathering line. If the natural gas does not meet gathering pipeline specifications, gas will be flared for 60 days or until the gas meets pipeline specifications. The flare stack will be properly sized and equipped with an automatic igniter or continuous pilot. Gas samples will be taken twice per week and natural gas will be routed into a gathering system as soon as the pipeline specifications are met.
D. During production operations natural gas will not be flared unless an exception as listed in 19.15.27.8(D)(1-4) is met. If there is no adequate takeaway for the produced natural gas, the well will be shut-in until a gas gathering system or alternative beneficial use is available, with exception of emergency or malfunction situations.
E. Armstrong Energy Corporation will comply with performance standards as listed in 19.15.27.8(E)(1-8). All equipment will be designed and sized to handle maximum pressure in order to minimize waste. Storage tanks that are routed to a flare or other control device will be equipped with automatic gauging systems to reduce venting of natural gas. Flare stacks will be equipped with an automatic ignitor or continuous pilot. AEC conducts AVO inspections as

described in 19.15.27.8(E)(5)(a) at frequencies specified in 19.15.27.8(E)(5)(b) and (c). All emergencies or malfunctions will be resolved as quickly and safely as possible to minimize waste.

F. The volume of natural gas that is vented, flared or beneficially used during drilling, completion, or production operations, will be measured or estimated and reported accordingly. AEC will install equipment to measure the volume of natural gas flared from a facility associated with a well authorized by an APD after May 25, 2021 that has an average daily production greater than 60,000 cubic feet of natural gas. If metering is not practicable due to circumstances such as low flow rate or low pressure venting or flaring, AEC will estimate the volume of flared or vented natural gas. Measuring equipment will conform to industry standards and will not be equipped with a bypass around the metering element except for the sole purpose of inspecting and servicing the metering equipment.

VIII: Description of Armstrong Energy Corporation's best management practices to minimize venting during active and planned maintenance.

For active and planned maintenance activities, venting will be limited to the depressurization of the subject equipment to ensure safe working conditions. For maintenance of production equipment, the producing well associated with the equipment will be shut-in to prevent venting.

XI: Map

Map shown below displays the location of the well (labeled in Section 2) and the existing gas pipeline (pink line). The metered gas connection is on the well pad. Since this is not a new well the gas connection and the associated pipeline have been in place since 2007. The existing pipeline and connection has more than adequate capacity for the planned gas production, as this well has produced from the proposed interval in the past into the existing pipeline. We have produced as much as 700mcfd into this pipeline without issue, and we anticipate a gas rate not to exceed 100mcfd from our proposed recompletion. The existing buried pipeline travels East approximately 600 feet from the well pad before turning north and leading to IACX's gathering system approximately 15 miles away in the Red Bluff area.

XI: Operator's plan to manage production in response to the increased line pressure.

This well has produced into this line previously at a rate of up to 700mcfd, and has not had any trouble nor reduced production or increased waste as a result of any increase in line pressure. The location is fairly remote and the system has historical production tied into it that has declined considerably from what the gathering system was originally designed for in terms of volume and pressure. We do not anticipate our recompletion to increase line pressure dramatically.

State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

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

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description
Effective May 25, 2021

I. Operator: Armstrong Energy Corporation **OGRID:** 1092 **Date:** 07 / 26 / 22

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☒ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Volleyball State #1	30-005-63887	P Sec 12-12S-26E	600' FEL			
			600' FSL			

IV. Central Delivery Point Name: IACX Gathering Point Section 10 Chaves County, NM [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Volleyball State #1	30-005-63887	N/A	N/A	9/1/2022	9/1/2022	9/1/2022

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan

EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF
Volleyball State #1	30-005-63887	87 mcf/day	

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in
IACX	IACX Processing Plant	Sec 10-T9-R25	9/1/2022	

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☒ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. ***If Operator checks this box, Operator will select one of the following:***

Well Shut-In. Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- **(a)** power generation on lease;
- **(b)** power generation for grid;
- **(c)** compression on lease;
- **(d)** liquids removal on lease;
- **(e)** reinjection for underground storage;
- **(f)** reinjection for temporary storage;
- **(g)** reinjection for enhanced oil recovery;
- **(h)** fuel cell production; and
- **(i)** other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:	Kyle Alpers
Printed Name:	Kyle Alpers
Title:	VP of Engineering
E-mail Address:	kalpers@aecnm.com
Date:	7/26/2022
Phone:	575-625-2222

OIL CONSERVATION DIVISION
(Only applicable when submitted as a standalone form)

Approved By:	
Title:	
Approval Date:	
Conditions of Approval:	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 86174

CONDITIONS

Operator:	OGRID:
ARMSTRONG ENERGY CORP P.O. Box 1973 Roswell, NM 88202	1092
	Action Number: 86174
	Action Type: [C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	9/8/2022