

Submit 1 Copy To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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 and Natural Resources

Form C-103
October 13, 2009

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

WELL API NO. 30-005-62781
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VA-1952
7. Lease Name or Unit Agreement Name Sunfish State
8. Well Number 1
9. OGRID Number 001092
10. Pool name or Wildcat Foor Ranch; San Andres (Gas)

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.)

1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other
2. Name of Operator Armstrong Energy Corporation
3. Address of Operator P.O. Box 1973, Roswell, NM 88202-1973
4. Well Location Unit Letter <u>J</u> : <u>1980</u> feet from the <u>South</u> line and <u>1980</u> feet from the <u>East</u> line Section <u>32</u> Township <u>9S</u> Range <u>27E</u> NMPM <u>Chaves County</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3925' KB

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

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.

Armstrong Energy Corporation intends to permanently plug and abandon the captioned wellbore as follows:

- Notify NMOCD at least 24 hrs before beginning work.
- Use tubing to set CIBP @ 1950', test casing to 500psi. If tests good, circulate MLF & spot 25sx plug on top of CIBP. - WOC & TAG
- ~~100'~~ 100' cement plug from 1460' to 1560' across 8 5/8" shoe. WOC 4 hrs, tag plug.
- Perforate 5.5" casing @ 400' and pump 110 sx cement plug into wellbore and 5.5"x8.625" annular space, circulate to surface. WOC 4 hrs and tag.
- Spot 60' surface plug, 60' - 0'
- Cut off wellhead and install dry hole marker.
- Cut off anchors and clean location.
- Remove caliche and reseed road and location.
- Notify OCD for final inspection.

Approved for plugging of well bore only.
Liability under bond is retained pending receipt
of C-103 (Subsequent Report of Well Plugging)
which may be found at OCD Web Page under
Forms: www.cmnrd.state.nm.us/oecd.

NM OIL CONSERVATION
ARTESIA DISTRICT
JAN 25 2017

Spud Date:

Rig Release Date:

RECEIVED

WELL MUST BE PLUGGED BY 1/26/18

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

SIGNATURE [Signature] TITLE Operations Manager DATE 1/23/2017
Type or print name Kyle S. Alpers E-mail address: kalpers@aecnm.com PHONE: (575) 625-2222

For State Use Only

APPROVED BY: [Signature] TITLE COMPLIANCE OFFICER DATE 1/26/17

Conditions of Approval (if any):

SEE ATTACHED POA-5



PROPOSED PLUGGING DIAGRAM

LAST UPDATED
1/16/2017

12 1/4" hole

San Andres - 1,427'

7 7/8" hole

Glorietta - 2,662'

Tubb - 4,072'

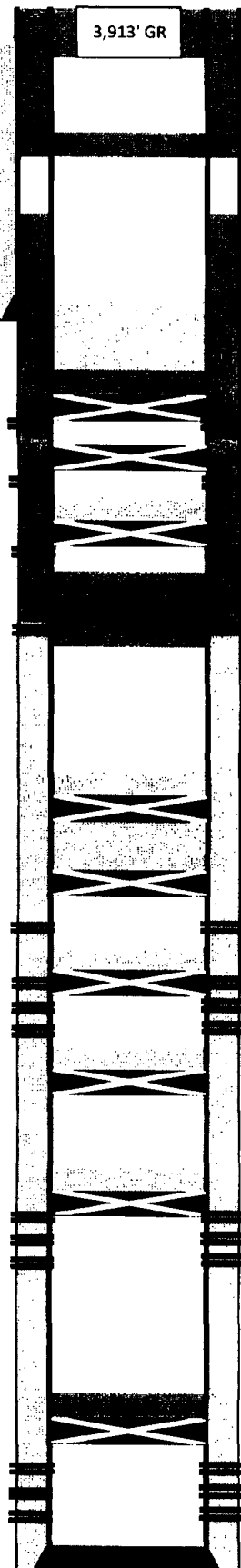
Abo - 4,822'

Wolfcamp - 5,490'

Cisco - 6,044'

Miss - 6,302'

Montoya - 6,359'
CORES - 6,365' - 6,387'



Proposed 60' surface plug

Proposed sqz perfs @ 400' w/110 sx squeeze to circ annulus.

est. TOC @ 864' (2016 sqz)
8 5/8" J-55 24#/ft @ 1,510'KB
800sx Lite/C - 5sx Circ

Proposed 100' cement plug from 1460' to 1560' w/ 25' cement
Mud Laden Fluid

Proposed CIBP @ 1950' w/25' cement
San Andres P1 (2016)

2007'-2052' 66 shots

CIBP @ 2075' (2016)

San Andres P2 (2016)

2080'-2116' 32 shots

CIBP @ 2210' w/35' cement

San Andres P3 (2016)

2229'-2257' 27 shots

Retainer @ 2527' w/74' cem below,
83' cement above

sqz perfs @ 2600', 335sx C (2016)

Est. TOC 3,000'

CIBP @ 4,875' w/35' cement (2016)
9.5# mud (2016)

CIBP @ 5,460' w/35' cement (2016)

Wolfcamp (2016)

5510'-5526' 51 shots

CIBP @ 5,775' w/35' cement (2016)

Wolfcamp (2016)

5853'-5865' 39 shots

5884'-5890' 21 shots

5895' 4 shots

CIBP @ 5,990' w/35' cement (2016)

CIBP @ 6,350' w/40' cement (2016)

Fusselman

6,384' - 6,396' 24 shots

CIBP @ 6,530' w/35' cement

Abandoned

6,584' - 6,690' 44 shots

5.5" 15.5# & 17# K-55 LTC @ 6,782'. 600sx Super H.

TD 6,782'. PA'd in 1990, did not run pipe

Armstrong Energy Corporation

Sunfish State #1

UL J, 1,980' FSL & 1,980' FEL
Section 32, T9S, R27E
Chaves County, New Mexico

API Number **30-005-62781**
State O&G Lease No. **VA-1952**
Spud Date: 5/22/1990
Re-Entry Date: 3/6/01 (Elk)
POOL: Foor Ranch Pre-Permian

Downhole Production Equipment

Surface Production Equipment

Gas Production Unit
Tank Battery

Notes

San Andres attempt in 2016
by AEC, unproductive.
Prep to P&A Jan 2017

Stimulation

2000 gallons 15% NEFE HCL

Stimulation

3000 gallons 20% HCL

Stimulation

none

PBTD 6,752'



CURRENT WELLBORE DIAGRAM

LAST UPDATED
1/16/2017

12 1/4" hole

San Andres - 1,427'

7 7/8" hole

Glorietta - 2,662'

Tubb - 4,072'

Abo - 4,822'

Wolfcamp - 5,490'

Cisco - 6,044'

Miss - 6,302'

Montoya - 6,359'
CORES - 6,365' - 6,387'

3,913' GR

est. TOC @ 864' (2016 sqz)

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Armstrong Energy Corporation

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UL J, 1,980' FSL & 1,980' FEL

Section 32, T9S, R27E

Chaves County, New Mexico

API Number 30-005-62781

State O&G Lease No. VA-1952

Spud Date: 5/22/1990

Re-Entry Date: 3/6/01 (Elk)

POOL: Foor Ranch Pre-Permian

Downhole Production

Equipment

2.375" w/pkr set @ 6,303'

Surface Production

Equipment

Gas Production Unit

Tank Battery

Notes

PA'd in 1990 w/out running pipe. Re-entered by Elk in March 2001, completed in Fusselman.

300 PPM H2S

Stimulation

2000 gallons 15% NEFE HCL

Stimulation

3000 gallons 20% HCL

Stimulation

none

PBTD 6,752'