

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)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3925' KB

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  Gas Well  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 J : 1980 feet from the South line and 1980 feet from the East line  
 Section 32 Township 9S Range 27E NMPM Chaves County

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  
 Form: www.emnrd.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'

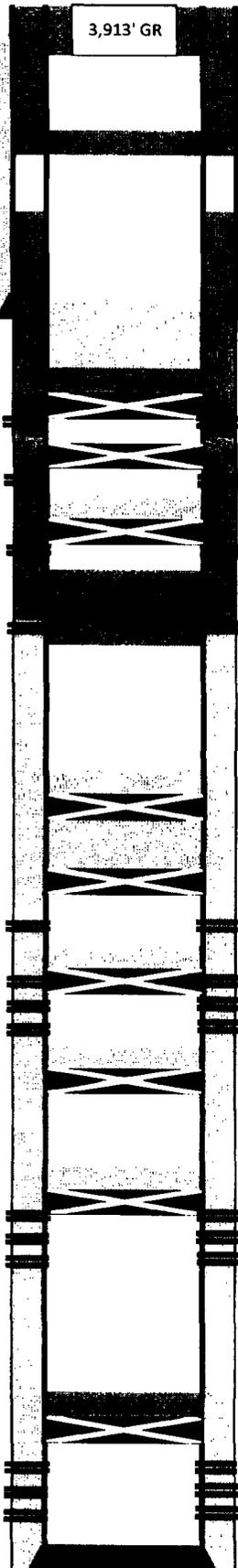
Abo - 4,822'

Wolfcamp - 5,490'

Cisco - 6,044'

Miss - 6,302'

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



Proposed 60' surface plug

Proposed sqz perms @ 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' ← *PERF HERE & SQUEEZE W/OC & TAG*  
Mud Laden Fluid

Proposed CIBP @ 1950' w/25' cement *W/OC & TAG*  
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 perms @ 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: Four 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**

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1/16/2017

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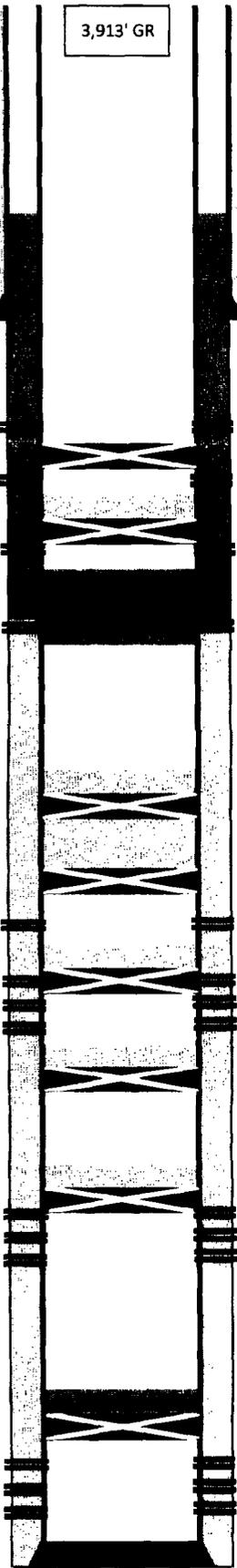
Cisco - 6,044'

Miss - 6,302'

Montoya - 6,359'

CORES - 6,365' - 6,387'

3,913' GR



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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'