

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

HOBBS OCD- RECEIVED 11/23/20

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-041-20943
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Mustang Sally
8. Well Number 001
9. OGRID Number 1092
10. Pool name or Wildcat Wildcat; Fusselman
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4332' GR

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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Armstrong Energy Corporation	
3. Address of Operator PO Box 1973 Roswell, NM 88202	
4. Well Location Unit Letter N : 461 feet from the South line and 2085 feet from the West line Section 19 Township 5S Range 34E NMPM Roosevelt County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4332' GR	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input checked="" type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

Anticipated wellbore prep procedure to prepare for sidetrack at later date.

1. Rig up PU and NU BOP
2. PU workstring and TIH with 5.5" packer. Set packer @ 6,000'
3. Establish injection rate and pump 100 sx class H cement plug, squeeze through/around fish @ 6135'
4. Leave top of plug @ 6,000', WOC
5. Tag plug
6. TOOH w/tubing, ND BOP and remove 5.5" casing spool. Weld on 5.5" pull stub.
7. Free-point casing and determine where to cut off.
8. Cut 5.5" casing with jet cutter and pull, anticipate from approximately 5,500'
9. TOOH w/casing and LD
10. Reassemble wellhead and NU BOP.
11. TIH w/tubing and spot 500' cement kick off plug from 3172' to 2672' in 7.875" open hole.
12. WOC
13. Tag plug, dress plug for directional when drilling rig arrives.
14. NDBOP, RDMO

Spud Date:

5/3/2011

Rig Release Date:

6/3/2011

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

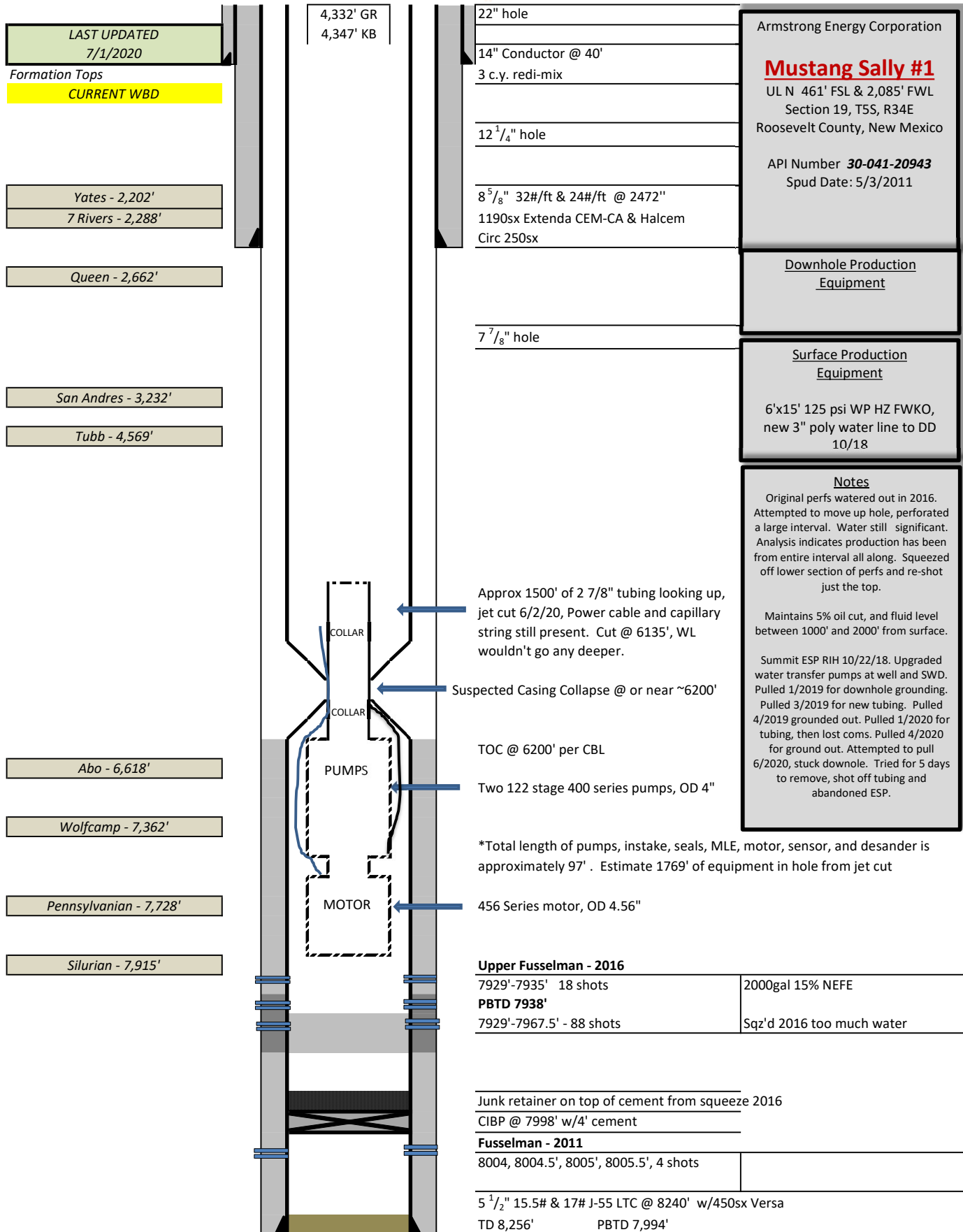
SIGNATURE Kyle Alpers TITLE VP Engineering DATE 10/2/20

Type or print name Kyle Alpers E-mail address: kalpers@aecn.com PHONE: 575-625-2222

For State Use Only

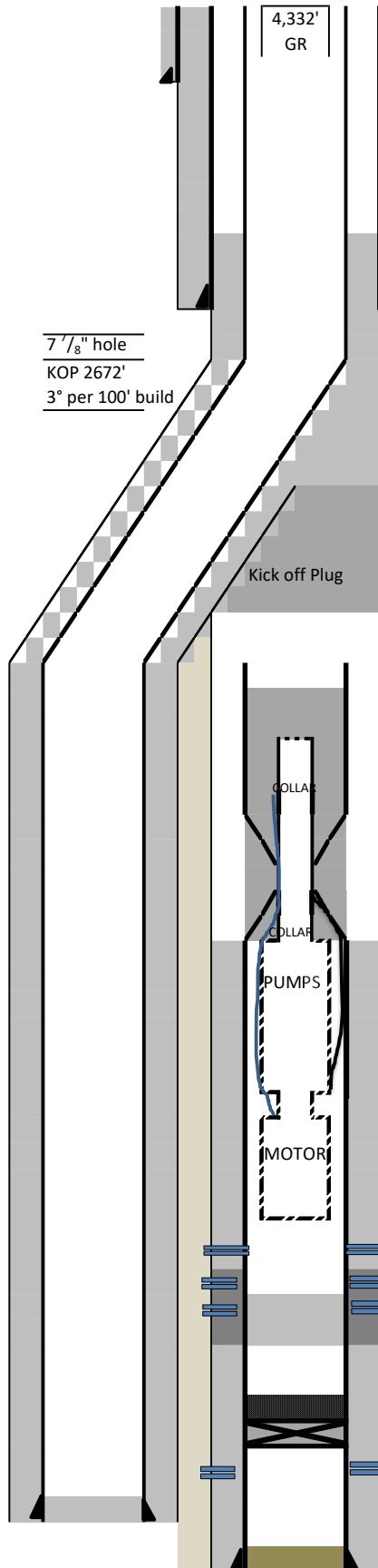
APPROVED BY: [Signature] TITLE _____ DATE 12/01/2020

Conditions of Approval (if any):





LAST UPDATED 10/2/2020
Formation Tops
Yates - 2,202'
7 Rivers - 2,288'
Queen - 2,662'
San Andres - 3,232'
Tubb - 4,569'
Abo - 6,618'
Wolfcamp - 7,362'
Pennsylvanian - 7,728'
Silurian - 7,915'
Re-Run 5.5" 17# casing 0' to TD in sidetrack, cement and tie back into intermediate pipe
PROPOSED NEW BHL DETAILS
MD 8066' TVD 8063' 33.85226012° LAT -103.41605218° LONG NORTHING 1038841 EASTING 778493



22" hole
14" Conductor @ 40'
3 c.y. redi-mix
12 1/4" hole
8 5/8" 32#/ft & 24#/ft @ 2472"
1190sx Extenda CEM-CA & Halcem
Circ 250sx
7 7/8" hole
5.5" CASING STUB
TOC @ 6200' per CBL
Upper Fusselman - 2016
7929'-7935' 18 shots
PBTD 7938'
7929'-7967.5' - 88 shots
PROPOSED
Evaluate OH logs in sidetrack, perforate Upper Fusselman based on logs
Junk retainer on top of cement from squeeze 2016
CIBP @ 7998' w/4' cement
Fusselman - 2011
8004, 8004.5', 8005', 8005.5', 4 shots
5 1/2" 15.5# & 17# J-55 LTC @ 8240' w/450sx Versa
TD 8,256' PBTD 7,994'

Armstrong Energy Corporation

Mustang Sally #1

UL N 461' FSL & 2,085' FWL
Section 19, T5S, R34E
Roosevelt County, New Mexico

API Number **30-041-20943**
Spud Date: 5/3/2011

Downhole Production Equipment

2 7/8" 6.5# L80 8rd (new
3/2019)

Surface Production Equipment

6'x15' 125 psi WP HZ FWKO,
new 3" poly water line to DD
10/18

Notes

Original perfs watered out in 2016.
Attempted to move up hole, perforated
a large interval. Water still significant.
Analysis indicates production has been
from entire interval all along. Squeezed
off lower section of perfs and re-shot
just the top.

Maintains 5% oil cut, and fluid level
between 1000' and 2000' from surface.

Summit ESP RIH 10/22/18. Upgraded
water transfer pumps at well and SWD.
Pulled 1/2019 for downhole grounding.
Pulled 3/2019 for new tubing. Pulled
4/2019 grounded out. Pulled 1/2020 for
tubing, then lost coms. Pulled 4/2020
for ground out. Attempted to pull
6/2020, stuck downhole. Tried for 5 days
to remove, shot off tubing and
abandoned ESP.

Propose to pump 100sx plug
around/above fish. Free point 5.5",
anticipate cut and pull near 5500'.
Pump kick off plug from 2672' to 3172'
in OH.

Upper Fusselman - 2016

7929'-7935' 18 shots

2000gal 15% NEFE

PBTD 7938'

7929'-7967.5' - 88 shots

Sqz'd 2016 too much water

PROPOSED

Evaluate OH logs in sidetrack, perforate Upper Fusselman based on logs

Junk retainer on top of cement from squeeze 2016

CIBP @ 7998' w/4' cement

Fusselman - 2011

8004, 8004.5', 8005', 8005.5', 4 shots

5 1/2" 15.5# & 17# J-55 LTC @ 8240' w/450sx Versa

TD 8,256' PBTD 7,994'