

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

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-025-41073
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Sapient 17
8. Well Number #1
9. OGRID Number 1092
10. Pool name or Wildcat Midway, Strawn, South

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 <input type="checkbox"/>	
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>H</u> : <u>1641</u> feet from the <u>NORTH</u> line and <u>1225</u> feet from the <u>EAST</u> line Section <u>17</u> Township <u>17S</u> Range <u>35E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,783'	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" 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 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: Add Perforations in existing Strawn interval <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.

Please See Attached Sheet

Spud Date:

5/24/14

Rig Release Date:

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

SIGNATURE Shelby Dutton TITLE Engineering Analyst DATE 9/25/2020

Type or print name Shelby Dutton E-mail address: sdutton@aecnm.com PHONE: 575-625-2222
For State Use Only

APPROVED BY: Kerry Fath TITLE C O A DATE 9-29-20
Conditions of Approval (if any):



Armstrong Energy Corporation
PO Box 1973
Roswell, NM 88202
Phone: 575-625-2222
Fax: 575-622-2512

Sapient 17 #1
API # 30-025-41073
1641' FNL & 1225' FEL Section 17 T17S R37E
Recompletion Report

10/29/2019 RUPU (Run paraffin knife, 1/3 cup to 1000'. Run 2 cups, scattered fluid. Made 2 runs to SN. Recovered 19 BBLs. SD

10/30/2019 RU Kill Truck. Pump 35 BBLs 2% KCL water down tubing. ND Tree. NU BOP. Release Packer. TOH w/ 331 jnts-2 3/8" N-80 (10,271.03), on/off tool, and packer. Strap out. RU JSI. TIH, tie in and perf 10,926' to 10,936', 10,938, 10,942 to 10,949', 10952' to 10956', 10965' to 10,967', 2 SPF, 56 holes, RD JSI. SISD

10/31/2019 SICP-100 PSI. Blowdown. RU Kill Truck. Pump 20 BBLs 2 % KCL water down casing. TIH w/ 2 3/8"x5 1/2" Arrow Set 1X, on/off tool w/ 1.81 F Profile Nipple 331 jnts - 2 3/8", N-80 tubing. LD 1 jnt and set Packer @ 10,764' w/ 18 points. Load backside w/ 176 BBLs, pressure to 500 #, held ok. RU to swab. SISD.

11/1/2019 SITP-300 PSI. Blowdown, Run swab, tag fluid @ 9,100' (trace of oil RD Swab. RU (Crane Acidizing). Acidize down tubing w/4,000 gals 15% NEFE Acid and 200 ball sealers. 5.4 BPM to 3.2 BPM to 5.6 BPM. ISIP-On VAC. Load to recover 150 BBLs. RD (Crane). ND BOP, NU Tree, RU to Swab. Tag fluid @ 9,600' and scattered to SN. SISD.

11/4/2019 18 hr SITP-180 PSI. 42 hr SITP-250 PSI. 66 hr SITP-250 PSI. Open on 48/64" choke. Flowed 1 BO, FTP-25 PSI. Blowing gas. RU to Swab. Swab stuck on bottom, pulled in two. Left 600' in hole. RU Kill Truck, load tubing. Release Packer. TOH w/tubing and Packer. SD.

11/5/2019 TOH w/tubing and Packer. RU (JSI Wireline). TIH, tie in and set CIBP @ 10,898'. Pump 75 BBLs 2% KCL water down casing via kill truck. TIH, tie in and perf 10,838' to 10,850' (26 holes), 10,856' to 10,858' (6 holes), 10,868' to 10,872' (10 holes), 10,875' to 10,877' (6 holes), 10,885' to 10,891 (14 holes), and 10,893' to 10894' (4 holes). RD (JSI Wireline). Set Packer @ 10,731.93'. Load backside w/ 190 BBLs 2 % KCL water. RU to Swab. SISD.

11/6/2019 SITP-150 PSI. RU (Crane Acidizing). Acidize down tubing w/3,000 gals 15 % NEFE Acid and 120 ball sealers. Acid on 5 BPM @ 80#, 6 small breaks, 700# to 80#, 580# to 803, 475# to 80#, ISIP-On VAC. RD (Crane Acidizing). ND BOP, NU Tree. RU to Swab. Tag fluid @ 8,000'. SISD.

11/7/2019 SITP-300 PSI. Run Swab, tag fluid @8,700'.

11/8/2019-1/02/2020 SI W/O Artificial Lift



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Roswell, NM 88202
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- 01/06/2020 RUPU (Select Well Service). RU Kill Truck. Pump 50 BBLs 2 % KCL water down tubing. Get back on and release Packer. Pump 15 more BBLs of 2% KCL water down tubing. TOH w/tubing and Packer. RU Swivel. SISD
- 01/07/2020 Tag CIBP @ 10,989', drill and cut loose. RD Swivel. Pump 20 BBLs 2% KCL water down backside and let fall. Pick up and set Packer @ 10,755' w/ 20 points. Load backside w/ 170 BBLs 2% KCL water. SISD.
- 01/08/2020 RU (Elite Well Service). RU Kill Truck to backside, load and pressure to 500#, held ok. Acidize down tubing w/10,000 gallons gelled 15 % acid, 4500# coarse rock salt in 100 BBLs brine. Flush w/20 BBLs brine and 111 BBLs 2% KCL water. RD (Elite Well Service). Release Packer. TOH w/tubing. SISD.
- 01/09/2020 CP-50 PSI. Blow down. Pickup and TIH w/ 1 Jnt 2 3/8" w/bull plug (32.00), 1- 2 3/8" x 4' Perf Sub, 1-2 3/8" Mechanical Seating Shoe w/1" x 14' Gas Anchor, 6 jnts 2 3/8" L-80 Tubing (191.31) 1- 2 3/8" x 5 1/2" Tubing Anchor (40,000 # Shear, 3.00), 332 jnts 2 3/8" L-80 Tubing (10,803.11). ND BOP. Set Anchor @ 10,819' w/ 12 points. Flange up well head. Install pumping T, Rod BOP. SD
- 01/10/2020 Continue to pick up rods. Hang well on. Loaded hole w/ 32 BO. Pressure to 500 #, held ok. Good pump action. SD Left well pumping. RUPU