

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 19, 2008

Submit 3 Copies 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 87400

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED

JAN 22 2010

HOBBSD

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

<p>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)</p>		<p>WELL API NO. / 30-041-20938</p>
<p>1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/></p>		<p>5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/></p>
<p>2. Name of Operator Armstrong Energy Corporation</p>		<p>6. State Oil & Gas Lease No.</p>
<p>3. Address of Operator P.O. Box 1973, Roswell, NM 88202-1973</p>		<p>7. Lease Name or Unit Agreement Name Dora Dean "24"</p>
<p>4. Well Location Unit Letter B : 990 feet from the North line and 1700 feet from the East line Section 24 Township 5S Range 33E NMPM Roosevelt County</p>		<p>8. Well Number 1</p>
<p>11. Elevation (Show whether DR, RKB, RT, GR, etc.)</p>		<p>9. OGRID Number 1092</p>
		<p>10. Pool name or Wildcat Fussleman</p>

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: Acidize ☐

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

12-01-09 TIH with a bit and 2-7/8", 6.5#/ft, EUE, 8 RD, L-80 tbg to PBTD at 8358'. Pickled tbg w/ 500 gals 15% HCL acid, pulled up to 8245' and spotted 200 gals 15% NEFE acid.

12-02-09 RIH with 3-1/8" guns and perf 8245'-8212', 2 shots/ft, 120° phasing, total 34 shots. POH. TIH w/ pkr and tbg to 8147', reverse acid into tbg, pressure tbg, formation broke at 2700 psi, pumped into formation at 3 BPM, 3800 psi, broke back to 3200 psi, avg 3300 psi, ISDP 2853 psi, 5 min 1479 psi, 10 min 981 psi, 15 min 668 psi, 60 BLTR.

12-08-09 RU Halliburton, acidize w/ 2000 gals MCA acid w/ 60 ball sealers, 3-5 BPM, 70 psi. Balled out w/ 50 balls on, 6200 psi, surged balls off, pumped remaining acid at 1.9 BPM, 2000 psi, FL @ 5800'-6000'.

(CONTINUE ON NEXT PAGE)

Spud Date:

Rig Release Date:

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

SIGNATURE B. Stubbs TITLE Vice President - Operations DATE 01/21/2010

Type or print name Bruce Stubbs E-mail address: bastubbs@armstrongenergycorp.com PHONE: (575) 625-2222

For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE JAN 26 2010

Conditions of Approval (if any):

- 12-12-09 RU Schlumberger, GIH, perf 7828'-7830' and 7814'-1718', 2 shots/ft, 120° phasing, 12 shots, POH. TIH w/ tbg, spot 200 gals 15% NEFE acid at 7830', POH w/ 3 jts, reverse acid into tbg. Set pkr at 7736', pressure-up tbg and establish rate, ½ BPM @ 5310 psi, put acid away, ISIP 5220 psi, 5 min 4868 psi, 10 min 4763 psi, 15 min 4619 psi, 53 BLTR.
- 12-15-09 SITP 0 psi, 1st swab run, rec'd 2½ BW, no show. Acidize w/ 1500 gals 15% NEFE acid, 2 BPM @ 5300-5500 psi, increased rate to 2½ BPM @ 5500 psi, balled out w/ 23 balls on, 7710 psi, surged ball off, displace acid at 3¼ BPM @ 5690 psi. ISIP 5190 psi, 5 min 4758 psi, 10 min 4702 psi, 15 min 4662 psi, 84 BLTR.
- 12-17-09 RU Schlumberger, GIH w/ perforating guns, perf 7788'-7791', 4 SPF, POH. PU packer, RIH w/ 2-7/8" tbg, spot 250 gals 15% NEFE acid across perfs, PU 3 jts, reverse acid into tbg, set pkr, establish rate, .2 BPM @ 6470 psi. Broke back to 6285 psi, displace acid, ISIP 5960 psi, 5 min 5645 psi, 10 min 5501 psi, 15 min 5365 psi.
- 12-19-09 Acidize with 2,000 gals. 20% NEFE acid. Load tubing with 46 bbls, 1 BPM 2735 psi to 4770 psi, 1.5 BPM at 5280 psi, 2.5 BPM at 5445 psi, break 5500 to 5150 psi, 3 BPM at 5260 psi, 3.4 BPM at 5425 psi, some ball action, did not ball out. ISIP 4930 psi, 5 min. 4739 psi, 10 min. 4701 psi, 15 min. 4666 psi, 96 BLTR. Tagged acid with IR-192.
- 12-31-09 RU Schlumberger, RIH w/ perf guns and re-perf 7787'-7792', 5', 4 jspf, POH. RIH w/ stim gun, shoot 7787'-7792', 5', POH. PU pkr and TIH, tight spot at 7758', spot 500 gals acid, PU to 7703', reverse acid into tbg, set pkr, establish rate at 1 BPM, 4900-5435 psi. Displace 500 gals 15% NEFE acid, ISIP 5320 psi, 5 min 5081 psi, 10 min 4982 psi, 12 min communicated w/ annulus. Released pressure, released pkr, POH.
- 01-14-10 RIH w/ pkr, test CIBP @ 7810' @ 2000 psi, communicated w/ upper perfs, move pkr to 7703', test to 1500 psi, OK.
- 01-15-10 Acidize w/ 4000 gals 15% NEFE acid, w/ 1500 lbs Rock Salt B lock, 500 lb block in first 500 gallons, 250# block after 1250 gallons, 750# block after 2250 gals. Avg rate 2.8 BPM, avg pressure 5000 psi, some block action, 5300-5100 psi, ISIP 4804 psi, 5 min 4700 psi, 10 min 4653 psi, 15 min 4620 psi.



500 North Main Street, Suite 200
P.O. Box 1973
Roswell, New Mexico 88202-1973
(575) 625-2222
Fax (575) 622-2512

January 21, 2010

RECEIVED
JAN 22 2010
HOBBSOCD

Oil Conservation Division
1625 N. French Drive
Hobbs, New Mexico 88240

Re: Dora Dean "24" #1
Township 5 South, Range 33 East, NMPM
Roosevelt County, New Mexico

Dear Sir/Madam:

Enclosed are the Sundry Notices and Reports on Wells, Acidize (in triplicate) for the captioned well to be filed with your office.

If you have any questions, please contact Bruce Stubbs at 575-625-2222.

Sincerely,

ARMSTRONG ENERGY CORPORATION

By: Irma Cunningham
Irma Cunningham, Geo Tech

Enclosures