

N.M. Oil Cons. DIV-Dist. 2

1301 W. Grand Avenue

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Artesia, NM 88210

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

- 1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resrv.,
Other Reentry

2 Name of Operator **Armstrong Energy Corporation**3 Address **P.O. Box 1973, Roswell, NM 88202-1973**3a. Phone No. (include area code)
575-625-2222

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface **990' FNL & 835' FWL, Unit D, Section 20-T11S-R27E**At top prod interval reported below **Same**At total depth **Same****NOV 20 2007**
OCD-ARTESIA14 Date Spudded
11/11/198715. Date T.D. Reached
12/03/198716 Date Completed **10/24/2007**
☐ D & A ☒ Ready to Prod17 Elevations (DF, RKB, RT, GL)*
3685' GL, 3696' KB18. Total Depth **MD 6585'**
TVD 6585'19 Plug Back T D **MD 5550'**
TVD 5550'20. Depth Bridge Plug Set **MD**
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Original logs dated 11/14/87 & 12/4/87 on file22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23 Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	48	0	455		400	94	Surface	None
	H-40					Class "C"			
12 1/4"	9 5/8"	36	0	1172		300 & 200	128	Surface	None
	K-55					Lite & C			
8 3/4"	5 1/2"	15.5	0	5550		200 Interfill	88	4000'	None
	J-55	17				175 "H"	51	Est.	

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	5345'	5350'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Wolcamp	5422'	5430'	5422'-5430'	.50	17	Producing
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
5422'-5430'	2000 gals. 15% NEFE acid and 34 7/8" ballsealers

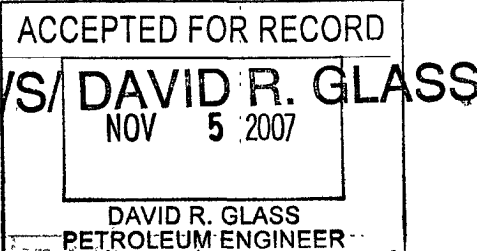
28 Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
	10/24/2007	4	→	0	300	0	NA	6624	Flowing
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
32/64"	275	0	→	0	1,800	0	0	WOPL	

28a Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)



28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg Press. Flwg SI	Csg. Press.	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

WOPL, Agave is preparing to connect this well to their system

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Wolfcamp	5422	5430	Dolomite	Queen	672
				San Andres	1125
				Abo	4580
				Wolfcamp	5320
				Fusselman	6294

32. Additional remarks (include plugging procedure):

This is a reentry, original logs and deviation survey is on file.

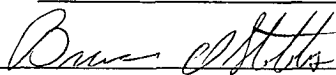
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) **Bruce A. Stubbs**Title **Vice President - Operations**

Signature

Date **10/31/2007**

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.