

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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-105
July 17, 2008

HOBBS OCD
JUL 19 2013

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

1. WELL API NO.
30-041-20939
2. Type of Lease
 STATE FEE FED/INDIAN
3. State Oil & Gas Lease No.
VB 1609

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:
 COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)
 C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name
Pep 36 State
6. Well Number:
1

7. Type of Completion:
 NEW WELL WORKOVER DEEPENING PLUGBACK DIFFERENT RESERVOIR OTHER

8. Name of Operator
Armstrong Energy Corporation

9. OGRID
001092

10. Address of Operator
P.O. Box 1973, Roswell, NM 88202-1973

11. Pool name or Wildcat
Wildcat E-04 5053336M
Tanneyhill East Penn

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	M	36	5S	33E		990	S	330	W	Roosevelt
BH:	Same									

13. Date Spudded 11-19-09
14. Date T.D. Reached 12-14-09
15. Date Rig Released
16. Date Completed (Ready to Produce) 04-12-10
17. Elevations (DF and RKB, RT, GR, etc.) 4278 GR

18. Total Measured Depth of Well 7956'
19. Plug Back Measured Depth
20. Was Directional Survey Made? No
21. Type Electric and Other Logs Run

22. Producing Interval(s), of this completion - Top, Bottom, Name
7674'-7688' + 7705'-7723', Pennsylvanian

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48	40'	17 1/2"	Redi Mix	0
8-5/8"	24	2095'	12 1/4"	855 sx + 200 sx	0
5 1/2"	17	7846'	7-7/8"	450 sx	0

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	7634'	7634'

26. Perforation record (interval, size, and number)
7674'-7677' and 7683'-7688', 26 Connexx shots.
7705'-7707', 7712'-7718', 7721'-7723', 20 holes
7751'-7754', 12 holes, squeezed
7846'-7956', 110', open hole, plugged back

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED
7674'-7688' | Acidize w/ 2000 gals 15% NEFE acid + 40 ball sealers
7705'-7723' | 250 gals 15% NEFE Acid
7751' - 7754' | 1250 gals 15% NEFE Acid, squeezed w/ 65 sx
7924' - 7956' | Cement w/ Dump Bailer, 20 sx

28. PRODUCTION

Date First Production 6-28-13
Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping
Well Status (Prod or Shut-in) Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
07-14-13	24	----		24.75	292	30	11,798

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
---	80		24.75	292	30	46°

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold
30. Test Witnessed By Rocky Ray / Dylan Radcliff

31. List Attachments
Logs previously submitted

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. NA

33. If an on-site burial was used at the well, report the exact location of the on-site burial:
NA Latitude Longitude NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature B. Stubbs Printed Name Bruce Stubbs Title Vice President - Operations Date 07-18-2013

E-mail Address bastubbs@armstrongenergycorp.com

MAR 03 2014

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy		T. Canyon		T. Ojo Alamo		T. Penn "A"	
T. Salt		T. Strawn		T. Kirtland		T. Penn. "B"	
B. Salt		T. Atoka		T. Fruitland		T. Penn. "C"	
T. Yates	2070	T. Miss	---	T. Pictured Cliffs		T. Penn. "D"	
T. 7 Rivers	2160	T. Devonian	---	T. Cliff House		T. Leadville	
T. Queen	2548	T. Silurian	7858	T. Menefee		T. Madison	
T. Grayburg		T. Montoya		T. Point Lookout		T. Elbert	
T. San Andres	3174	T. Simpson		T. Mancos		T. McCracken	
T. Glorieta		T. McKee		T. Gallup		T. Ignacio Otzte	
T. Paddock		T. Ellenburger		Base Greenhorn		T. Granite	
T. Blinebry		T. Gr. Wash		T. Dakota			
T. Tubb	4458	T. Delaware Sand		T. Morrison			
T. Drinkard		T. Bone Springs		T. Todilto			
T. Abo	6540	T.		T. Entrada			
T. Wolfcamp	7276	T.		T. Wingate			
T. Penn	7610	T.		T. Chinle			
T. Cisco (Bough C)		T.		T. Permian			

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
2000'	3110'	1110'	Sh, SS, Anhy				
3110'	4120'	1010'	Dolo, Anhy, Halite, Sh				
4120'	6536'	2410'	LS, Dolo, Sh, Anhy, SS, Halite				
6530'	7290'	760'	Sh, Siltstone, Dolo, Chrt				
7290'	7860'	570'	LS, Sh				
7860'	7960'	100'	Dolo, Chrt				