

# OCD-ARTESIA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

## 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. Resvr.,  
Other: \_\_\_\_\_

2. Name of Operator  
Alamo Permian Resources, LLC

3. Address 415 W. Wall Street, Suite 500  
Midland, TX 79701

3a. Phone No. (include area code)  
432.897.0673

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

At surface 330 FNL & 11,809 FWL

At top prod. interval reported below ---

At total depth 5,490'

14. Date Spudded  
09/22/2001

15. Date T.D. Reached  
10/05/2001

16. Date Completed 07/28/2010  
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
3,627' GR

18. Total Depth: MD 5,490'  
TVD

19. Plug Back T.D.: MD 3,435'  
TVD

20. Depth Bridge Plug Set: MD 3,435'  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GRN/CCL (Previously submitted)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☐ No ☒ Yes (Submit copy) *Previously submitted*

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24#	0	453'	---	250'	---	Surface	---
7-7/8"	5-1/2"	15.5#	0	5,490'	4,507'	1,400	---	Surface	---

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"	3,265'	---	---	---	---	---	---	---

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GB-SA	3,139'	3,145'	3,139'-3,145'	---	12	Open
B)						
C)						
D)						

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

Depth Interval 3,139'-3,145' Amount and Type of Material Acidized with 1,000 gal 15% NEFE HCl acid plus 18 ball sealers

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NMOCD ARTESIA

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
08/25/10	8/26/10	24	→	14	---	2	39.8	---	Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
---	---	---	→	14	---	2	---	Producing	

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	
			→						

ACCEPTED FOR RECORD

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 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 (Solid, used for fuel, vented, etc.)

N/A

## 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
			See attached wellbore diagram.	Bureau of Land Management RECEIVED MAR 25 2011 Carlsbad Field Office Carlsbad, N.M.	

## 32. Additional remarks (include plugging procedure):

NOTE: CIBPs @ 3,435' & 4,450' are for zonal isolation while testing. They are not intended as abandonment plugs.

First test production date: 08/24/2010.

## 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: Wellbore diagram

## 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) Joanne Keating

Title Regulatory Affairs Coordinator

Signature

Date 03/23/2011

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.

(Continued on page 3)

(Form 3160-4, page 2)

Lease/Well No.	<b>FEDERAL S No. 7</b>				
	AKA MUSTANG 28 FED No. 1	ELEVATION	3,627 GR		
Location	330' FNL, 1,809' FWL		3,633 KB	CORR	6
	C, SEC 28, T17S, 30E	FIELD	GRAYBURG JACKSON		
	EDDY CO, NM				
LEASE NO	LC-028936-C	Spudded	09/22/01		
API No.	30-015-31953	Completed	10/05/01		
		LAT	32.81193		
		LONG	-103.9797		

