

OCD-ARTESIA

Form 3160-4
(August 2007)

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMLC068284
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____		6. If Indian, Allottee or Tribe Name
2. Name of Operator BOPCO, L.P.		7. Unit or CA Agreement Name and No
3. Address P O Box 2760 Midland Tx 79702		8. Lease Name and Well No. North Indian Flats 24 Federal 15
3a. Phone No. (include area code) (432)683-2277		9. API Well No. 30-015-39137
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW; UL D; 24;T21S;R28E; 330 FNL 660 FWL At top prod. interval reported below At total depth		10. Field and Pool or Exploratory Indian Flats (Delaware) 11. Sec., T., R., M., on Block and Survey or Area 24; T21S; R28E 12. County or Parish Eddy 13. State NM

14. Date Spudded 07/16/2011	15. Date T.D. Reached 07/24/2011	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/19/2011	17. Elevations (DF, RKB, RT, GL)* 3319' KB
18. Total Depth MD 3,200 TVD 3,199	19. Plug Back T.D.: MD TVD	20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) AI/GR;LD/CN/GR,Caliper;Micro;LL/GR;		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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
12 1/4	8 5/8 J55	36	0	389		410 CC	99	0	
7 7/8	5 1/2 J55	17	0	3,199		720 EcoVer	224	0	

24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8 J55	2988								

25. Producing Intervals							26. Perforation Record	
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status		
A) Delaware Mtn Group	2750	3200 TD	2,969 - 2,974	0.38		Producing		
B)								
C)								
D)								

27. Acid, Fracture, Treatment, Cement Squeeze, etc.	
Depth Interval	Amount and Type of Material
2,969 - 2,974'	16.5 bbls. 15% acid w/additives; 18.5 bbls. 15% HCL w/additives

**RECLAMATION
DUE 2-19-12**

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
8/20/11	8/23/11	24	→	20	9	18	40.9	0.8208	American 160-173-86 Pumping Unit
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
W/O	150	50	→	20	9	18	450	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	
			→						

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

Accepted for record
DEC 02 2011 NMOCD *10*

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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ACCEPTED FOR RECORD
 OCT 29 2011
[Signature]

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.)

Sold

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
T/Bell Canyon	2,751	2,902	Sandstone	Rustler	@ Surface
				T/Salt	420'
				B/Salt	2,386'
				T/Delaware Mountain Group	2,750'
				T/Bell Canyon	2,902'

32. Additional remarks (include plugging procedure):

BOPCO, L.P. request confidentiality for maximum time allowed.

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OCT 14 2011

Carlsbad Field Office
Carlsbad, NM

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) Sandra J. Belt ext. 149Title Sr. Regulatory ClerkSignature Sandra J. BeltDate 10/13/2011

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.