

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTJUL 21 2008
OCD-ARTESIAFORM 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 NM-110829			
b Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resrv, Other _____						6 If Indian, Allottee or Tribe Name N/A			
2 Name of Operator BC OPERATING, INC						7 Unit or CA Agreement Name and No N/A			
3 Address P O Box 50820 Midland, TX 79710				3a Phone No (include area code) 432-684-9696		8 Lease Name and Well No. Jitterbug Federal #1			
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1980' FNL & 1980' FEL At top prod interval reported below At total depth						9 AFI Well No 30-015-36121			
						10 Field and Pool or Exploratory Malaga (Delaware)			
						11 Sec, T, R, M, on Block and Survey or Area Sec 24 T-24S R-28E			
14 Date Spudded 04/10/2008						15 Date T D Reached 04/16/2008			
16 Date Completed 06/18/2008 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.						17 Elevations (DF, RKB, RT, GL)* 2972' GR			
18 Total Depth MD 4633' TVD			19 Plug Back T D MD 4576' TVD			20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Laterlog, CNL						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 Sk. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
12 1/4"	8 5/8"	32#	0	442'		450 sx		surf	
7 7/8"	5 1/2"	17#	0	4621'	DV @ 2534'	1925 sx		surf	
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"	3121.65'								
25 Producing Intervals									
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Olds		2728'	2738'	2728'-2738'			30	Open	
B)									
C)									
D)									
27 Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
2728'-2738'		Acid w/ 1200 gal 15% NEFE plus 50 ball sealers							
		Frac w/ 16,000 gal XL water & 19,075# 16/30 sand							
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
06/18/08	06/26/08	24	→	15	0	70			Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
64/64			→						
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 (Solid, used for fuel, vented, etc)

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
Ramsey	2700'	2718'		Delaware Mountain Group	2672
Olds	2728'	2738'		Cherry Canyon	3567

32 Additional remarks (include plugging procedure)

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) Pam Botkin

Title Engineering Tech

Signature

Pam Botkin

Date 07/07/2008

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)

JITTERBUG FED # 1

EDDY COUNTY, NEW MEXICO

(Give Unit, Section, Township and Range)

BC OPERATING 303 VETERANS LANE, SUITE 600

MIDLAND, TEXAS 79705

NABORS DRILLING USA, LP


The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

[illegible]

Nabors Drilling USA, LP

T. Dominguez
Tiburcio Dominguez- Drilling Supt.

Subscribed and sworn to before me this 7 day of July, 2008

 **DONNA WESTBROOK**
Notary Public
STATE OF TEXAS
My Comm. Exp. 01/07/2009

Donna Westbrook

County TEXAS