

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000la. 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

BP America Production Company Attn: Kristina Hurts

3. Address

P.O. Box 3092 Houston, TX 77253

3a. Phone No. (include area code)

281-366-3866

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

At surface 750' FSL &amp; 745' FEL

At top prod. Interval reported below

At total depth

5. Lease Serial No.

SF-078040

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

MUDGE GAS COM B 1M

9. API Well No.

30-045-32735

10. Field and Pool, or Exploratory

DAKOTA

11. Sec., T., R., M., on Block &amp; Survey or Arca

Sec 11 T31N R11W

12. County or Parish

San Juan

13.

NM

17. Elevations (DF, RKB, RT, GL)\*

5863' GL

14. Date Spudded

6/3/2006

15. Date T.D. Reached

6/10/2006

16. Date Completed

☐ D & A ☒ Ready to Prod.

6/30/2006

18. Total Depth: MD 7191'  
TVD19. Plug Back T.D.: MD 7183'  
TVD20. Depth Bridge Plug Set: MD  
TVD

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

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

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
13 1/2"	9 5/8" H-40	32	0	229'		150		0	
8 3/4"	7" K-55	28	0	2912'		385		0	
6 1/4"	4.5" P-110	9.5 & 13#	0	7191'		513		4600'	
		11.6							

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"	7004'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) BASIN DAKOTA	6960'	7020'	6960-7020'	3.125"		
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6960'-7020'	PUMPED A 24,000 LB. 40/70 BADGER SAND PAD
	PUMPED 180,000LB. OF 20/40 OTTAWA SAND IN SCHLUMBERGER CLEAR FRAC. & 60% QUALITY FOAM & N2
	THE LAST 38,000LB. WAS TREATED WITH PROP NET

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
	6/29/06	12	→	trace	511	trace			Flows
Choke Size	Test Press Flwg. SI	Csg. Press.	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/4"		58#	→						

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
			→						JUL 19 2006
Choke Size	Test Press Flwg. SI	Csg. Press.	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						FARMINGTON FIELD OFFICE

(See instructions and spaces for additional data on reverse side)

NMOCB

## 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	16g. 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	16g. 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.)

## Vented

30. Summary of Porous Zones (Included 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
				OJO	1295'
				KIRKLAND	1323'
				FRUITLAND COAL	2162'
				PICTURED CLIFF	2480'
				LEWIS SHALE	2660'
				NAVC	3253'
				OTRO	3546'
				CLIFF HOUSE	3933'
				MENEFEE	4293'
				PT LOOKOUT	4726'
				MANCOS	5091'
				GRANEROS	6742'
				TWOWELLS	6948'
				PAGUATE	6932'
				UP CUBERO	6965'
				LWR CUBERO	7001'
				ENCINAL CANYON	7029'

32. Additional Remarks (including plugging procedure)

33. Circle enclosed attachments.

1. Electrical/Mechanical Logs (1 full set req'd)      2. Geologic Report      3. DST Report      4. Directional Survey  
5. Sundry Notice for plugging and cement verification      6. Core Analysis      3. 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)

Kristina Hurts

Title

Regulatory Analyst

Signature



Date

7/10/2006

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.

**MUDGE GAS COM B 1M**

**30-045-32735**

**NEW DRILL (DK) SUBSEQUENT REPORT**

**07-10-06**

**6/13/06** RIG UP AND RAN CBL & RST LOG with 1,000 PSI ON WELL HEAD. FOUND CEMENT TOP AT 4,600 FT.

**6/21/06** RIG UP AND PERFORATED THE DAKOTA FROM 6960' TO 7020' WITH 1 JSPF.

**6/22/06** FRAC. THE DAKOTA WITH. 24,000 LBS. OF 40/70 BADGER SAND FOR THE SAND PAD. THEN 180,000 LBS. OF 20/40 OTTAWA SAND. USING SCHLUMBERGER CLEAR FRAC. AND 60 % QUALITY FOAM AND N2. FLOWED WELL ALL NIGHT THROUGH A 1/4 " CHOKE. WELL MADE HEAVY FOAM AND WATER. NO SAND WAS FOUND.

**6/29/06** FLOW WELL ON .75 INCH POSITIVE CHOKE AT 1022 MCFD RATE O 56 PSI FCP. OPEN WELL ON FULL 3 INCH LINES AT 0600 TO BLEED DOWN

**6/30/06** FLOWING CASING PRESSURE ON TWO 3 IN LINES 3 PSI. P/U AND TIH W/2 FT MULE SHOE, 1.78 BAKER F NIPPLE (PLUG IN PLACE), 4 FT SUB, 1.87 BAKER X NIPPLE (PLUG IN PLACE) AND 6984 FT OF PRODUCTION TUBING. LAND TBG END AT 7004 FT KBM.

**6/30/06** RIG DOWN @ 17:00 hrs.