

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, 2000

1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☒ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.  
Other **Well T&A'd 1/16/06**

2. Name of Operator **BP America Production Company Attn: Cherry Hlava**  
3. Address **P.O. Box 3092 Houston, TX 77253** 3a. Phone No. (include area code) **281-366-4491**  
4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **1765' FSL & 1045' FEL**  
At top prod. Interval reported below  
At total depth **750' FSL & 750' FEL**

5. Lease Serial No. **NM - 013688**  
6. If Indian, Allottee or Tribe Name **2 01**  
7. Unit or CA Agreement Name and No.  
8. Lease Name and Well No. **ATLANTIC LS 1M**  
9. API Well No. **30-045-32875**  
10. Field and Pool, or Exploratory **Basin Dakota**  
11. Sec., T., R., M., on Block & Survey or Area **Sec 25 T31N R10W**  
12. County or Parish **San Juan** 13. State **NM**  
14. Date Spudded **11/15/2005** 15. Date T.D. Reached **1/10/2006** 16. Date Completed ☐ D & A ☒ Ready to Prod. **N/A**  
17. Elevations (DF, RKB, RT, GL)\* **6631'**

18. Total Depth: MD **7526'** TVD **MD 3710'** 19. Plug Back T.D.: MD **3710'** TVD **MD** 20. Depth Bridge Plug Set: MD **MD** TVD **TVD**  
21. Type Electric & 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4	9 5/8" H-40	32	0	417'		65		0	
8 3/4"	7" J-55	20	0	3834'		626		0	
6 1/4"	N/A			N/A		N/A			

24. Tubing Record

Size	Depth set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
NONE	N/A							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) BASIN DAKOTA	N/A	N/A	N/A			
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) BASIN DAKOTA	N/A	N/A	N/A			
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
N/A	

28. Production - Interval A

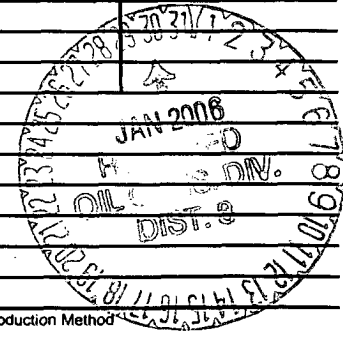
Date first Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

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 reverse side)

NMOCD



ACCEPTED FOR RECORD  
JAN 25 2006  
FARMINGTON 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	1bg. 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	1bg. 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

32. Additional Remarks (including plugging procedure)

**Due to lost circulation decision was made to T&A the well bore. Wayne Townsend (BLM) was notified on 1/16/06 and OCD was notified 1/17/06. The Cliffhouse formation is covered with cement. Tested to 500 PSI. Please see attached subsequent report**

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)

**Cherry Hlava**

Title

**Regulatory Analyst**

Signature

*Cherry Hlava*

Date

**1/17/2006**

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 fraudulent statements or representations as to any matter within its jurisdiction.

ATLANTIC LS 41M  
30-045-32875

12/16/05 Pressure test CSG 750# 30 min. OK. TIH & DRILL OUT 8 3/4" RAT HOLE 214' - 242'.  
DIRECTIONAL DRILL 242' - 3840' TD 8 3/4" INT. HOLE. NO LOSSES.

12/21/05 TIH & land 7" 20# J-55 casing @3834' TIH & CMT 7" CSG w/ lead 364 sx DENSITY 9.50  
PPG LITECRETE YIELD 2.520; TAIL w/65 sx 11.50 PPG YIELD 1.260 . NO CMT TO SURFACE.  
RAN TEMP SURVEY & FOUND TOC @1430'. TIH w/4.0 GUN & PERF'd 1400' - 1401' @2 SPF  
@180 DEGREE PHASING. START CMT & PMP 147 sxs LEAD CMT 11.70 ppg & 50 sxs 15.80  
ppgTAIL. 30 bbls CMT TO SURFACE. TIH & DRILL CMT 1330' - 1403'. PRES TST CSG TO 600  
PSI FOR 30 MIN OK.

12/23/05 TIH & drill 6 1/4" hole 3840' - 3988' HOLE WET. FISHING. TOH w/FISH. TIH & SET PLUG  
@1464'. PRES TST CSG TO 600#; BLED DN TO 450# IN 3 MIN.

12/24/05 PRES UP TO 600# BLED TO 250# IN 5 min. TOH w/PKR. PRES TST LINES TO 2500. PMP  
10 bbls WTR & START MICRO-MATRIX CMT & SPOTTED 22 sxs 14.00 ppgCMT ACROSS HOLES.  
TOH TO 1144' & CIRC HOLE w/80 bbls WTR. PRES UP ON CMT TO 600# PRES BLED TO 400# IN 5  
MIN. PRES UP ON CSG & SQZ 1.5 bbls CMT INTO PERFS @1400'. SD FOR CHRISTMAS.

12/26/05 TIH 6 1/4" BIT & DRILL CMT 1313'-1364'. RU & TST SQZ HOLES TO 500# 30 MIN. CSG  
TST'd GOOD. TIH REL PLG. TIHw/RETAINER TO 128'SET IN CSG. TIH w/6 1/4" BIT & D/O  
RETAINER @128'.

12/27/05 PUSH RETAINER TO 3798'. TIH w/RETAINER & SET @3784'. RU CMT'RS; PMP 150 sxs  
CL G NEAT CMT. SQZ SHOE w/600# & 26 bbls CMT. REVERSED OUT 2 bbls CMT.

12/28/05 TIH & TAG RETAINER @3786'.

12/29/05 DRILL RETAINER & CMT 3926'. REAM & WASH TO 3988' TD. DRILL 6 1/2" HOLE 3988' -  
4362'. WELL WET. REGAIN CIRCULATION.

12/30/05 PMP 6 sxs CIDER FIBER & 4 sxs MAGMAFIBER; BUILD MUD TO 50+ VIS w/10% LCM.  
DRILL 4362' - 5531'. STILL DRILLING. MUD PROPERTIES: VIS-49, 9.1#, WL-8, PH-8, LCM 17%.  
INCREASED STK/MIN 65 to 75 (253 GPM) TO PROTECT BIT FROM BALLING. DRILL 5531' -  
5755'. LOST CIRC @5754'. 200 bbls of 20% LCM FLUID LOST. BUILD MUD VOL w/40% LCM, 55  
VIS, 8.5#. ATTEMPT TO BRAKE CIRC w/OUT SUCCESS. PMP TOTAL OF 200 bbls. FLUID LEVEL  
IN WELL @1700' +/-.

1/4/06 BUILD VOL w/40% LCM. MIX MUD TO 55 VIS, 8.5 MW, 40% LCM CIRC & PMP 83 bbls &  
HAD RETURNS TO SURFACE. 570# CIRC PRESS. PMP 203 bbls INTO FRACTURE. CIRC 1 hr. CIRC  
@630#. LOSING MUD TO FRACS. SD CIRC & PREP TO TOH w/ PIPE. BUILD NEW MUD & MIX  
LCM TO 40%, VIS 59, WT - 8.8#. CIRC HOLE @910# w/PARTIAL RETURNS. TOTAL 40 bbls FLUID  
INTO FORMATION. PMP'd COTTON HULL PILL & CAUGHT FLUID w/2.8 bbls DN DP, PMP'd 30.5  
bbls TO GET CIRC. HAD 14 bbls of SEEPAGE IN THE 1<sup>st</sup> HR. PRESS 650 psi to 730 psi NO FLUID  
LOSSES.

1/5/06 TIH & DRILL 5755' - 7526' TD ON 1/10/06. LOST CIRC. MIX LCM to 40% HEAVIES & 18%  
FINES. PMP 179 bbls ; NO RETURNS & NO PRESSURE. DUMP 20 sxs WALNUT SHELLS DN CSG.  
PMP 69 bbls 50% LCM MUD & FILLED HOLE - CIRC ACROSS TOP OF WELL HEAD w/NO LOSSES  
F/ 15 MIN. TEST UNIT NOT RUNNING.

01/12/06 TIH; TAG BTM @7522'. PU/MU 7" CMT RET & TIH ON 3 1/2" DP. TEST LINES 2000 psi.  
SQ CMT - 20 BFW, 24 bbls CACL2, 5 BFW, 24 bbls ZONE LOCK, 29 BFW, 880 sxs 15.8 ppg YIELD  
1.150 CLS G W/1% CACL2, 5 PPB GILSONITE, 1.4 PPS CELLOFLAKE, ON VAC, DISP w/30BFW,  
SD 10 min. STILL ON LIGHT VAC 1 bbl, SD 20 MIN. PMP 5 BFW & CAUGHT PRS, - MAX SQ PRS  
250 PSI. SD. TIH TO OP OF CMT RET. LD 40 JTS TO D/O CMT. BREAK CIRC ON TOP OF RET.  
RETURNS. CIRC TILL CLEAN. PRS UP ON CSG TO 480 PSI; INCREASED TO 662 PSI IN 2.5 hrs.  
BREAK CIRC TO MAKE SURE HOLE FULL. TIH & DRILL OUT CMT RET @3820'. TIH w/DP &  
TAG CMT @3881'.

1/13/06 DRLG CMT STRINGERS 3881' - 3949'. DRLG SOLID CMT & REMAINDER OF CMT  
RETAINER. DRILL 3949' - 4001'. DRLG CMT 4001' - 4977'. LOST CIRC. UNLOAD HOLE w/AIR  
1300 PSI. = 2976 FT OF FLUID IN HOLE.

1/16/06 DECISION MADE TO T&A WELL. TIH & SET 7" CMT RET @3710' & CAP w/9FT OF  
SN. (PBSD F/T&A 3710'.