

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**

5. Lease Serial No.
NM - 013688

6. If Indian, Aluttee or Tribe Name

Unit or CA Agreement Name and No.

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**

8. Lease Name and Well No.

ATLANTIC LS 1M

9. API Well No.

30-045-32875

10. Field and Pool, or Exploratory

Blanco Mesaverde

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

19. Plug Back T.D.: MD

3710'

TVD

20. Depth Bridge Plug Set: MD

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 Cement 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) Blanco Mesaverde	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

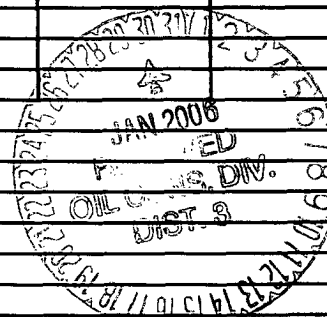
Date first Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

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.

12/16/05 Pressure test CSG 750# 30 min. OK. TIH & DRILL OUT 8 1/4" RAT HOLE 214' - 242'.
DIRECTIONAL DRILL 242' - 3840' TD 8 1/4" 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 1st 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. (PBTD F/T&A 3710'.