

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, 20001. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
2. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

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 830' FSL & 1560' FEL

At top prod. interval reported below

At total depth 830' FSL & 1560' FEL

14. Date Spudded

2/4/2005

15. Date T.D. Reached

3/2/2005

16. Date Completed

D & A Ready to Prod.
4/1/2005

5. Lease Serial No.

SF - 077123

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

WARREN LS 5M

9. API Well No.

30-045-32533

10. Field and Pool, or Exploratory

BASIN DK

11. Sec., T., R., M., on Block & Survey or Area

Sec 24 T28N R09W

12. County or Parish

San Juan

13. State

NM

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

5831' GR

18. Total Depth: MD 6673'
TVD 6673'19. Plug Back T.D.: MD 6671'
TVD 6671'20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL22. 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
12 1/4"	9 5/8" H-40	32	0	226'		160		0	
8 3/4"	7" J-55	20	0	2380'		339		0	
6 1/4"	4.5" J-55	11.6	0	6673'		365		2770'	

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"	6549'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) BASIN DAKOTA	6451'	6618'	6451' - 6618'	3.125"		
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
6451' - 6618'	PMP'd P-110 CSG AS AVE 46 bbls/MIN. USING 93,000 lbs OF C-LITE 20/40 SND. CLEAR FRAC 65% Q FOAM

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
est 4/7/05	3/18/05	12	→	trace	950	trace			Plows
Choke Size	Log. Press Flwg. SI	Csg. Press. Rate	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/4"		120#	→						

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	Log. Press Flwg. SI	Csg. Press. Rate	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

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

NMOC

070 APR 11 2005
FARMINGTON FIELD OFFICE
BY [Signature]
APR 12 2005
ACCEPTED FOR RECORD

(over)

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 (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
				Cliff House	3634'
				Meneffee	3838
				Point Lookout	4362
				Mancos	4748'
				Greenhorn	6333
				Graneros	6396
				Twowells	6449
				Paguate	6507
				Upper Cubero	6558
				Lower Cubero	6605
				Encinal Canyon	6646

32. Additional Remarks (including plugging procedure)

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

4/7/2005

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.

2005 8 1 944

FEDERAL BUREAU OF INVESTIGATION

YU

Warren LS 5M
Completion Subsequent Report
04/06/2005
30-045-32533

03/08/05 RU & RUN CBL; GOOD CMT BOND. TOP OF CEMENT @ 2770'.

03/10/05 TIH w/3.125" GUN & PERF DAKOTA 6451' - 6618' @4 JSPF.

03/11/05 RU & FRAC DAKOTA. PUMPED DN 4 1/2" P-110 CASING AT AVE. OF 46 BBLS / MIN. USING 93,000 LBS OF SCHLUMBERGER C- LITE 20/40 SAND. USING CLEAR FRAC AND 65 % QUALITY FOAM.

03/16/05 FLW TST DAKOTA ON 3/4" CK. PRESSURE 200 PSI.

03/17/05 CHNG OUT BOPs AND TESTED GOOD. OPEN TO PIT ON 2 3" LINES.

03/18/05 TEST DK 12 hrs on 3/4" CK @ 1900 MCF.

03/22/05 TIH w/TBG (& HANG AT 6531') SHUT DN OVER NIGHT.

03/23/05 TBG 0 PSI; CSG 1000 PSI.

03/24/05 TIH & SET CIBP @4775'. TIH w/3.125" GUN & PERF MESAVERDE 4247' - 4566'.

03/25/05 TIH & FRAC MV w/115,507# PROPPANT & 285.7 bbl PAD; AVG PSI 2577, AT 60 BPM.

03/28/05 CSG PRESSURE 750 PSI. DRY GAS 2" LINE AT 90 PSI. CLEAN OUT TO CIBP @4775.

03/29/05 12 hr MV TEST AT 1225 MCF ON 3/4" CK.

03/30/05 MILL OUT CIBP. CLEAN OUT TO PBTD.

03/31/05 CLEAN OUT.

04/01/05 TIH & LAND 2 3/8" TBG @ 6549'.