

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.

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 1390' FSL & 1755' FEL

At top prod. Interval reported below

At total depth SAME AS ABOVE

14. Date Spudded

2/28/2005

15. Date T.D. Reached

7/2/2005

16. Date Completed

☐ D & A ☒ Ready to Prod.
2/23/2006

18. Total Depth: MD

7530'

TVD 7530'

19. Plug Back T.D.: MD

7530'

TVD 7530'

20. Depth Bridge Plug Set: MD

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)

GR & CBL

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	207'		100		0	
8 3/4"	7" J-55	20	0	3127'		346		0	
6 1/4"	4.5" J-55	11.6	0	7524'		365		5100'	

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"	7442'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Blanco Mesaverde	5070'	5191'	5070' - 5191'	3.125"	24	
B) Blanco Mesaverde	4728'	5013'	4728' - 5013'	3.125"	60	
C)						
D)						

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

Depth Interval	Amount and Type of Material
5070' - 5191'	146,970 LBS 16/30 BRADY SND IN 70% QUALITY FOAM
4728' - 5013'	INJECTED 67,800 lbs BRADY 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
est 2/27/06	2/20/06	12	→	trace	1250	trace			Flows
Choke Size	Tbg. Press Flwg. SI	Csg. Press	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/4"		160#	→						

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	
			→						

ACCEPTED FOR RECORD

MAR 10 2006

FARMINGTON FIELD OFFICE
BY

RECEIVED

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	Thg. 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	Thg. 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 / Sold

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
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Otero Chacra 1	3828'
				Otero Chacra 2	3974'
				Cliff House	4359'
				Menefee	4601'
				Pt Lookout	5065'
				Mancos	5408'
				Greenhorn	7060
				Graneros	7115'
				Twowells	7159
				Paguate	7259'
				Up Cubero	7300'
				Low Cubero	7339
				Encinal Canyon	7384'
				Burro Canyon	7427'

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) Cherry Hlava Title Regulatory Analyst

Signature Cherry Hlava Date 2/28/2006

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.

Mansfield 1N
30-045-32499
New Drill (MV) Subsequent Report
02/10/2006

2/2/06 TIH & SET COMPOSITE BP @5415'. TIH w/3.125" GUN & PERF LOWER MV 5070' – 5116' @3 JSPF. TIH w/3.125" GUN & PERF 5122' – 5191' @4JSPF.

2/3/06 BLOW BH DOWN TO FLARE PIT. TIH & FRAC w/146,970 LBS 16/30 BRADY SND IN 70% QUALITY FOAM. FLW ON ¼" CK TO 2" LINE, 890 PSI to 40 PSI.

2/6/06 FLW TESTING LOWER MV; 1400 MCFD; 85 PSI ON ¾" CK.

2/7/06 FLW WELL ON 2 – 3" LINE. CLEAN UP FRAC; RUN 2 – 3 bbl SWEEPS.

2/8/06 WELL FLOWING 2 PSI. INTERMEDIATE CSG 100 PSI. TIH & SET COMPOSITE BP @5040'. SHOT 4 SQZ HOLES @4720'. PMP ON CSG @1500 PSI. TIH & SET PKR @4522'. RU & PMP 25 bbls 2% KCL WTR FROM ½ BPM TO 2.5 BPM AT 1900 PSI AVG, MIXED & PMP'd 100 SXS LITECRETE CEMENT, 9.5 lb/gal, 2.52 cu/ft/sk, 46 bbls of SLURRY, PRESSURE WENT FROM 1900 PSI to 1200 PSI WHILE PMPNG CMT. SHUT DN. PMP'd 19.5 bbls OF DISPLACEMENT. SI w/450 PSI ON TBG. RIG DN.

2/9/06 TOH w/PKR, TIH & TAG COMP BRIDG PLUG @5040'. NO CEMENT. RUN CBL 5040' – 4100'. CMT WENT DN TO 4740' & INTO FORMATION. RU & PMP INTO SQZ HOLE @4720, 1500 PSI AT 1 ½ BPM.

2/10/06 TIH w/CMT RETAINER & SET @4673', RU & CMT w/150 sxs CLS G @15.80 ppg. PMP'd 14.5 bbls CMT; PRES @2200 psi; REVERSED OUT 3 bbls CMT.

2/13/06 TIH w/TBG TO 4500; SECURE WELL SD Overnight

2/14/06 TIH & TAG PLUG @5040'.

2/16/06 TIH & RUN CBL 5000' – 4000'. TIH w/3.125 @ PERF UPPER MV 4728' – 5013' @ 4 JSPF.

2/17/06 TIH & FRAC UPPER MV; AVG PRES 3163 psi; INJECTED w/67,800# BRADY SAND. OPEN TO FLR PIT ON ¼" CK @2150 psi.

2/20/06 TIH & DRILL COMPOSITE PLUG @5040'. FLOW TESTING ON ¾" CK @160 psi; 2.5 MMCF.

2/21/06 CLEAN OUT TO & DRILL OUT PLUG @5415'. FLW TO FL PIT.

2/22/06 CLEAN OUT TO 7490'. FLW ON ¾" CK.

2/23/06 TIH & LAND 2 3/8" TBG @7442'. RIG DN MOVE OFF LOCATION.