

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. Resvr.

2. Name of Operator

BP America Production Company Attn: Cherry Hava

3. Address

P.O. Box 3092 Houston, TX 77253

3a. Phone No. (include area code)

281-366-4081

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

At surface NWSE 1410' FSL & 1740' FEL

At top prod. Interval reported below SAME AS ABOVE

At total depth

14. Date Spudded

10/31/2005

15. Date T.D. Reached

11/3/2005

16. Date Completed

☐ D & A ☒ Ready to Prod.
1/9/2006

18. Total Depth: MD

3167'

TVD

19. Plug Back T.D.: MD

3075'

TVD

20. Depth Bridge Plug Set: MD

TVD

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

CBL RST

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
8 3/4"	7" J-55	20		207'		100		0	
6 1/4"	4 1/2" J-55	10.5		3157'		407		1800'	

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"	3048'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) FRUITLAND COAL	2973'	3045'	2973' - 3045'	3.125		
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
2973' - 3045'	FRAC 164,149 16/30 BRADY & PROP w/ 60Q N2 FOAM @30 PBM; AVG PSI 5550#

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 1/16/06	1/5/06	12	→	1 bbl	90	1 bbl			Flows from well
Choke Size	1bg. Press Flwg. SI	Csg. Press.	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
3/4"		15#	→					Producing	

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	1bg. 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)

5. Lease Serial No.
SF - 078319-A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM 84020

8. Lease Name and Well No.
Jacquez Gas Com G 1S

9. API Well No.
30-045-33276

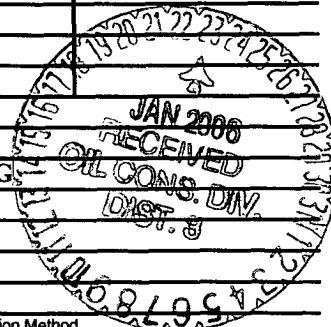
10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

11. Sec., T., R., M., on Block & Survey or Area
Sec 29 T31N R09W

12. County or Parish
San Juan

13. State
NM

17. Elevations (DF, RKB, RT, GL)*
6266' GL



ACCEPTED FOR RECORD

JAN 18 2006

FARMINGTON FIELD OFFICE
BY [Signature]

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	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 / 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

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				OJO	1650'
				KIRKLAND	1820'
				FRUITLAND	2736'
				IGNA	2842'
				CTWOOD	2911'
				CAHN	3023'
				PC	3081'

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 HlavaTitle Regulatory Analyst

Signature

Cherry HlavaDate 1/13/2006

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.

Jacquez Gas Com G 1S
Subsequent Completion Report
12/30/05
30-045-33276

11/08/05 TIH & RUN CBL; PRES TST CSG TO 3000 PSI. HELD OK 30 MIN.
RUN RST LOG.

11/28/05 NU BOP; TEST TO 1200 HIGH/ 250 LOW. OK. PERF BY E LINE 4 SQZ HOLES @3056' - 3057'. RIG DN E LINE. DIDN'T ACHIEVE CIRCULATION w/62 bbls PMP'd OFF 56 bbl ANNULAR VOL.

11/29/05 PMP 132 BW DN 4.5 & OUT HOLES @3056'; NO CIRCULATION. TIH w/3.875 BIT & NEW PROD TBG OFF FLOAT & TAG @3061'. TOH & LAND TBG ON HANGER IN TBG HEAD. TEST BOP & FLW CROSS VALVES TO 1200 HIGH; 250 LOW. TOH w/TBG & BIT.

11/30/05 R/U E LINE & SET COMPOSITE 4.5" BP @3050'. PERF SQZ HOLES @2884 ONE FT & FOUR HOLES. **TIH & SET CMT RETAINER @2825'** by TBG & ESTABLISH INJ RATE THROUGH HOLES @2884 of 1.5 BPM & 400 psi. STRING OUT & LOAD HOLE w/2% KCL. PRES UP 2.375 BY 4.5 ANNULUS TO 500 PIS; OK. MIX & PMP BLOCK SQZ; PMP 5 BW AHEAD, 10 bbls of S1 CACL2 WTR & 5 BW SPACER; PMP 10 bbls of ZONE LOK (10% PLASTER), 2 bbls SPACER OF WTR & 50 sxs OR 14.3 bbls of RFC PENN. 1 CACL2; CMT & DISPLACE w/ 13.8 BW. WTR DISP WAS 2 BW PAS & OVER HOLES @2884'. PRES BUILD DURING PLACEMENT OF S1 & ZONE LOK & FELL AS CMT ENTERED WELL BORE DUE TO HYDROSTATIC; THEN PRES INCREASED AS SQZ ENTERED FORMATION TO 750 PSI @1.7 BPM.

12/1/05 TIH & STING INTO CMT RETAINER @2825' LOAD & PRES UP TO 500 psi w/VERY SLOW LEAK OFF TO 0 psi. RU & LOG 2818' - 260' & **HAD NO CMT ABOVE CMT RETAINER 2825'.**

12/05/05 RU & SHOOT 4 SQZ HOLES @2790'; PMP DN CSG w/2% KCL WTR; CIRC RATE; PMP'd 50 bbls TOTAL. RIG DN.

12/06/05 TIH & SET PKR @2344'.

12/07/05 TESTED PUMPS & LINES TO 3500#. PUT 300# ON BACKSIDE BETWEEN CSG & TBG. MADE SURE WE HAD CIRCULATION UP BACKSIDE OF CSG & OUT BRADENHEAD -- PUMPED 3 BBLs WTR & RETURNS. MIXED AND PUMPED 189 SKS of LiteCrete CMT - YEILD = 2.52 FT3 / SK, (80 BBLs) AT AN AVG RATE OF 3 BPM. STARTED WITH FULL RETURNS AND THE AFTER 50 BBLs SLURRY PUMPED RETURNS WENT FROM FULL TO PARTIAL TO NONE WITH RETURN LINE ALWAYS BLOWING AT LEAST A LITTLE TO INDICATE THAT LIFTING WAS TAKING PLACE. FINISHED JOB WITH 1854# ON TBG. WASHED PUMPS & LINES. DISPLACED @ 2.2 BPM WITH 15 BBLs --PRESSURE RANGED FROM 1380# - 1580#, LEFT 65'+/- OF CMT IN CSG. SHUT IN TOP VALVE WITH 1200# ON TBG. THE 300#'s ON CSG REMAINED CONSTANT DURING THE JOB TO SHOW NO PROBLEM WITH PKR. **TALKED w/ NMOCD & BLM**

12/08/05 RELEASE PKR; TOH w/PKR; TIH; TAG CMT @2714'. DRILL OUT CMT - GO IN TO 2808'; PRES TST TO 500# OK. DRILL CMT RETAINER; CLEAN OUT TO 3050'.

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12/12/05 PUT 1000# ON CSG; RUN CBL 3050' TO SURFACE. DELIVERED LATEST CBL TO BLM. TALKED TO ADRIENNE BRUMLEY WHO LOOKED AT LOG & MADE DECISION - NO MORE SQZ WK REQUIRED AT THIS TIME. NEED TO MONITOR THE BRADEN HEAD FOR ANY GAS. CHECKED FOR GAS ON BH - NONE.

12/14/05 RU WIRELINE; TIH w/3.125" GUN & PERF 3030' - 3045'; .43 HOLES 18 GRAM CHARGES; 4 JSPF; Rig DN. RU 4.5" CSG SCRAPER; TIH TO PBTD. Rig DN STRIPPING HEAD. TIH w/3.125" GUN & PERF 2973' - 2978' w/2 JSPF. Rig DN.

12/15/05 PRES TST PIPE RAMS 250 LOW/1200 HIGH; GOOD TEST. RUN 2 JTS 2 3/8"s N-80 ON TOP OF VALVE. PU 90 JTS OF 2 7/8"s N-80. Rig DN STRIPPING HEAD; RU STINGER; SET PKR @2919'. NU to BOP. RD WTR PMP; DRAIN ALL LINES.

12/17/05 TIH & FRAC 164,149 16/30 BRADY & PROP w/ 60Q N2 FOAM @30 PBM; AVG PSI 5550#. TURN OVER TO FLW BACK CREW.

12/19/05 FLW TESTING ON 1/2" CK.

12/21/05 TIH TAG FILL @2998'. PRES TEST AIR LINE TO 1500# OK. CLEAN OUT TO 2998'. RUN 3bbl SWEEPS. Rig DN PWR SWIVEL.

12/22/05 TIH & CLEAN OUT TO 3039'.

12/23/05 WELL PRES = 315#. BLW DN TO FLW TANK. TIH; TAG UP @3030'. CLEAN OUT TO PBTD @3050'.

01/03/2006 C/O TO 3050'. DRILL OUT BP; CLEAN OUT TO 3075' w/3 bbl SWEEPS.

01/04/06 CLEAN OUT 3075' PBTD. RUN 3 BBL SWEEPS.

01/05/06 TIH; TAG FILL @3055'. C/O TO 3075'. 12 hr FLOW TEST.

01/06/06 CLEANING OUT & TESTING

01/09/06 TIH w/ 2 3/8" TBG & LAND @3048'.

01/10/06 RIG DOWN MOVE OFF LOCATION