

Submit to: Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
District I  
1625 N. Lincoln Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-105  
Revised March 25, 1999

OIL CONSERVATION DIVISION

1220 South St. Francis Drive  
Santa Fe, NM 87505

JAN 2002

WELL API NO. **30-045-30683**

5. Indicate Type of Lease  
STATE **XX** FEE

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:  
OIL WELL GAS WELL ☒ DRY OTHER  
b. Type of Completion:  
NEW WELL ☒ WORK OVER PLUG BACK DIFF. RESVR OTHER

7. Lease Name or Unit Agreement Name  
**Gallegos Canyon Unit**

2. Name of Operator  
**BP America Production Company**

8. Well No.  
**555**

3. Address of Operator  
**P.O. Box 3092 Houston, TX 77253 Attn: Cherry Hlava**

9. Pool name or Wildcat  
**Basin Dakota**

1. Well Location  
Unit Letter **O** **90** Feet From The **South** Line and **2465** Feet From The **East** Line  
Section **12** Township **28N** Range **12W** NMPM **San Juan** County

0. Date Spudded **10/01/2001** 11. Date T.D. Reached **10/14/2001** 12. Date Compl. (Ready to Prod.) **01/23/2002** 13. Elevations (DF& RKB, RT, GR, etc.) **5487 GR'** 14. Elev. Casinghead

5. Total Depth **6250'** 16. Plug Back T.D. **6205'** 17. If Multiple Compl. How Many **None** 18. Intervals Drilled By **XX** Rotary Tools Cable Tools

9. Producing Interval(s), of this completion - Top, Bottom, Name  
**5922' - 6034' Basin Dakota** 20. Was Directional Survey Made **No**

21. Type Electric and Other Logs Run  
**GR, CBL & CCL** 22. Was Well Cored **NO**

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>8 5/8" J-55</b>	<b>24#</b>	<b>375'</b>	<b>12 1/4"</b>	<b>412 SXS CLS 6</b>	
<b>4 - 1/2" J-55</b>	<b>10.5# &amp; 11.6#</b>	<b>6250'</b>	<b>7 7/8"</b>	<b>1150 SXS lite crt</b>	
				<b>1-175</b>	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				<b>N/A</b>	<b>6000</b>	

26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
<b>5922' - 5938'</b>	<b>W/2 JSPF, 3.125 in diameter,</b>	<b>34 holes</b>		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<b>5998' - 6034'</b>	<b>W/2 JSPF, 3.125 in diameter,</b>	<b>74 holes</b>		<b>5922' - 6034'</b>	<b>500 gals of 15% HCL acid, 147,033#</b>
					<b>20/40 Brady Sand w/70% nitrogen foam</b>

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
		<b>flw</b>			<b>Shut-in</b>		
Date of Test <b>01/19/2002</b>	Hours Tested <b>11</b>	Choke Size <b>1/2"</b>	Prod'n For Test Period	Oil - Bbl trace	Gas - MCF <b>40</b>	Water - Bbl. <b>Trace</b>	Gas - Oil Ratio <b>--</b>
Flow Tubing Press. <b>N/A</b>	Casing Pressure <b>44</b>	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF <b>40</b>	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By

30. List Attachments

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief  
Signature **Cherry Hlava** Printed Name **Cherry Hlava** Title **Regulatory Analyst** Date **01/24/2002**

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## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

T. Anhy	T. Canyon
T. Salt	T. Strawn
B. Salt	T. Atoka
T. Yates	T. Miss
T. 7 Rivers	T. Devonian
T. Queen	T. Silurian
T. Grayburg	T. Montoya
T. San Andres	T. Simpson
T. Glorieta	T. McKee
T. Paddock	T. Ellenburger
T. Blinebry	T. Gr. Wash
T. Tubb	T. Delaware Sand
T. Drinkard	T. Bone Springs
T. Abo	T.
T. Wolfcamp	T.
T. Penn	T.
T. Cisco (Bough C)	T.

## Northwestern New Mexico

T. Ojo Alamo <u>290</u>	T. Penn. "B" _____
T. Kirtland-Fruitland <u>370</u>	T. Penn. "C" _____
T. Pictured Cliffs <u>1413</u>	T. Penn. "D" _____
T. Cliff House <u>2970</u>	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS  
OR ZONES

No. 1, from.....to.....  
No. 2, from.....to.....

No. 3, from.....to.....  
No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

# LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

**GALLEGOS CANYON UNIT 555**

**SUBSEQUENT REPORT**

**01/24/2002**

**01/03/2002** Init B.H. press - 120#. Opened well through  $\frac{1}{2}$ " valve & bled press f/120# to 0# in 35 min. Light blw 15 min. After initial bleed DN. Installed gauge & monitor pressures. SWI & removed gauge & opened well on full 2" valve, well blw DN to 0 in 1 min. & had slight blw. SWI & RD WL equip.

**01/10/2002** MIRU SU & TIH w/GR,CCL,CBL logs & logged interval 6149' - 5000'. Moved up hole & R log F/2050' to surface. RD log equip & ND flw back tree. Prep to perf well. SDFN.

**01/11/2002** MIRU SU. TIH w/3.125 perf gun & shot DK zone w/2 SPF. 120 degree phased guns w/.40 holes. Shot 5998'-6034' & 5922'-5938'. TOH w/guns & RDMO SU. Run flw back line to pit & prep to frac well.

**01/12/2002** MIRU SU & RU. Press tst lines. Broke well DN w/wtr. Break press 1730#, pmp 500 gals of 15% HCL acid & started pad. Pmp 20/40 Brady Snd w/70% nitrogen foam. RU flw tree & tst lines w/well press. Flw to pit. 1500# initial press. Flw well to pit on  $\frac{1}{4}$ " ck. Init. press 1500#. 1900 hrs drop to 850#. SI well & install flare ignitor. Open well w/1000# & flw. Flw N2 & some wtr. Press DN to 650# @ 2200 hrs. 500# Midnight flare.

**01/13/2002** Flw to pit on  $\frac{1}{4}$ " ck. Critical location. Press @140#. Blw dry gas & light mist. No snd noted.  $\frac{1}{2}$ " ck & well blew dn f/140# to 25#.  $\frac{1}{4}$ " ck & press increased to 110#. Dry gas no wtr or snd. Flw to pit on  $\frac{1}{4}$ " ck.

**01/14/2002** Readings. CSG press 900#. Open well on  $\frac{1}{4}$ " ck & tried to light flare. Too much gas, wouldn't light. Opened well to  $\frac{1}{2}$ " ck & blew well 1 hr. Press dropped to 340#. Well started unloading condensate & light wtr. Open on  $\frac{1}{4}$ " ck & flw well. Press dropped to a low of 180# & then increased to 200# & stabilized.

**01/15/2002** Install gauges & read csg. Press - 960#. 18 hrs SI.

**01/16/2002** WOR

**01/17/2002** RU Unit. Lay 3" lines to glw back tnk & start blwng DN well. NU BOP to mud cross. Secure well & SDF weekend.

**01/18/2002** SITP - 0#. SICP - 950#, SIBHP - 0#. Blew DN press. Killed well & ND frac valve & NUBOP. RU flr & tbg equip. Tallied tbg & TIH w/Bit, scrapper & tbg. Tag @6087'. RU pwr swivel & tag snd, start air & soap & break circ. C/O to 6092'. Ran several soap sweeps & laid DN 8 jts tbg. Flw to tnk through  $\frac{1}{2}$ " ck, no wtr & no condensate noted. Well flw @6# -8# Well flw. 140 mcfd.

**GALLEGOS CANYON UNIT 555**

**SUBSEQUENT REPORT**

**01/24/2002**

**01/19/2002** Flw tst on ½" ck. 8 – 9# press. No wtr or condensate. Tst well to pit on ¼" ck. Blt press to max of 44#.

**01/20/2002** Flw tst well on ¼" ck. Max press 59# & press 44#. No wtr or snd in returns. Average rate 87 MCFD.

**01/21/2002** Flw tst to tnk on ¼" ck. Press from 36 to 44#., 87 mcfd. SITP 0# FCP 44# SIBHP –0#. TIH w/8 jts tbg & tag fill, RU pwr swivel. Start air & mist & break circ. C/O wellbore. To PBTD of 6205'. Tag @6141 & broke through to C/O to original TD of 6204'. RD swivel & RU tongs & TOH w/60stds of 2.375" tbg. Drained pmp & SDFN.

**01/22/2002** SITP – 0#, SICP 550# SIBHP –0#. Bled dn csg press & TOH w/remaining tbg, bit & scraper. RU 2' muleshoe sub & "F" nipple w/plg in place & TIH w/tbg. Tag for fill & no fill noted in well, tagged @6205' W/K.B. LD 6 jts tbg & lnd tbg @6000'. RD tongs & floor, NDBOP & NUWH. RU SU & TIH w/tools to ret. plg. Fished plg & RD slickline. RU air & blw well clean. Flw well to tnk to clear lines of air & check well for air. .1% csg & .1% tbg. checked good.

**01/23/2002** RDMO SU