

Submit 1 Copy To Appropriate District Office.

District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-045-31381
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name State Gas Com BW
8. Well Number RC13 AUG 18 '14
9. OGRID Number OIL CONS. DIV. 000778
10. Pool name or Wildcat Basin Fruitland Coal

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well Gas Well Other

2. Name of Operator
BP America Production Company

3. Address of Operator
501 Westlake Park Blvd.
Houston, TX 77079

4. Well Location
Unit Letter E : 1460 feet from the North line and 750 feet from the West line
Section 32 Township 32N Range 10W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6111'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input checked="" type="checkbox"/> OTHER: <u>Deepen</u> <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/> P AND A <input type="checkbox"/>
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BP America Production Company respectfully requests permission to deepen the subject well. Please see attached procedure, wellbore diagrams, and C-102 plat.

**SEE Attached COA'S*

Spud Date: Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Toya Colvin TITLE Regulatory Analyst DATE 08/13/2014

Type or print name Toya Colvin E-mail address: Toya.Colvin@bp.com PHONE: 281-366-7148

For State Use Only

APPROVED BY: Chad Herr TITLE SUPERVISOR DISTRICT #3 DATE SEP 05 2014
Conditions of Approval (if any): AV



State Gas Com BW 1S

30-045-31381

Unit letter E Sec 32, Town 32N, Range 10W
San Juan, NM
Fruitland Coal Formation

The purpose of this procedure is to outline the deepening of the State GC BW 1S to provide additional rathole for producing the Fruitland Coal Formation

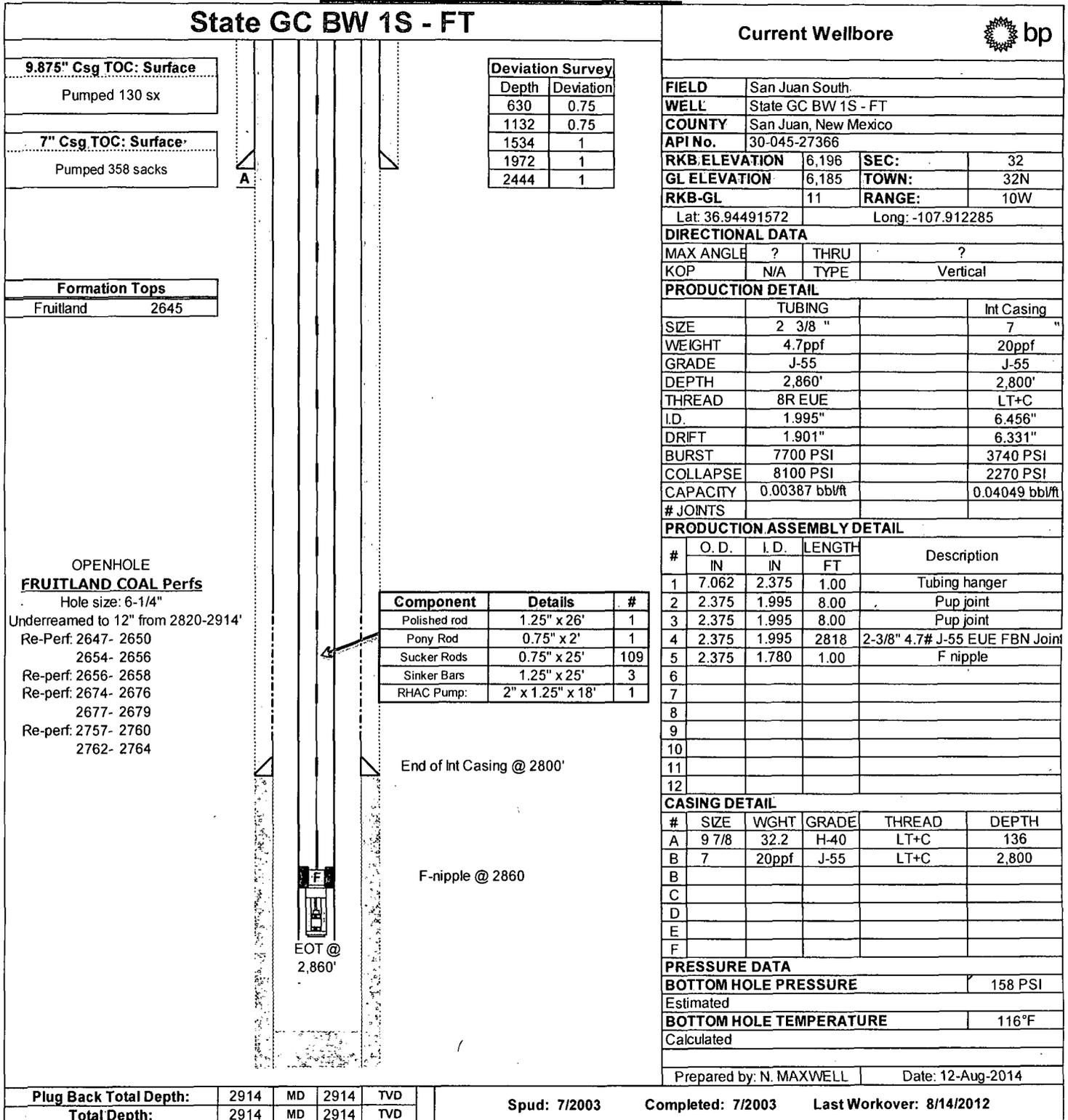
Basic Job Procedure:

1. Pull Rods
2. Pull tubing
3. Deepen well to $\pm 3,015'$
 - a. Estimated top of Pictured Cliffs is at ~~3,054'~~ $\pm 2914'$
4. Run liner
 - a. Liner will either be pre-slotted or after running will be perforated in similar intervals as before:
 - i. $\pm 2650 - 2680'$
 - ii. $\pm 2750 - 2765'$
 - iii. $\pm 2800 - 2850'$
5. Land tubing at $\pm 2,960'$
6. Run pump and rods

Policy Reminder

~~Any changes to the written procedure requires an approved MoC
MoC (except BoD/SoR) approvals during execution have been delegated to the OTL~~

Current Wellbore Diagram



Plug Back Total Depth:	2914	MD	2914	TVD	Spud: 7/2003 Completed: 7/2003 Last Workover: 8/14/2012
Total Depth:	2914	MD	2914	TVD	

Proposed Wellbore Diagram

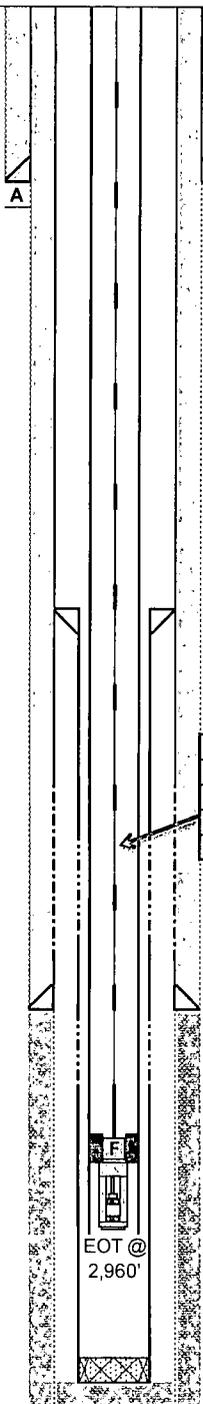
State GC BW 1S - FT

Proposed Wellbore



9.875" Csg TOC: Surface	
Pumped 130 sx	
7" Csg TOC: Surface	
Pumped 358 sacks	
5.5" Lnr TOC: N/A	
Not Cemented	
Formation Tops	
Fruitland	2645

Deviation Survey	
Depth	Deviation
630	0.75
1132	0.75
1534	1
1972	1
2444	1



Liner Top @ ± 2650'

End of Int Casing @ 2800'

F-Nipple at 2,942'

End of Prod Liner @ 3015'

EOT @
2,960'

FRUITLAND COAL Perfs
Liner perfs TBD pending log

- Re-Perf: 2647- 2650
2654- 2656
- Re-perf: 2656- 2658
- Re-perf: 2674- 2676
2677- 2679
- Re-perf: 2757- 2760
2762- 2764

Component	Details	#
Polished rod	1.25" x 22'	1
Sucker Rods	0.75" x 25'	118
Sinker Bars	1.25" x 25'	3
RHAC Pump	2" x 1.25" x 18'	1

FIELD	San Juan South		
WELL	State GC BW 1S - FT		
COUNTY	San Juan, New Mexico		
API No.	30-045-27366		
RKB ELEVATION	6,196	SEC:	32
GL ELEVATION	6,185	TOWN:	32N
RKB-GL	11	RANGE:	10W
Lat: 36.94491572		Long: -107.912285	

DIRECTIONAL DATA			
MAX ANGLE	?	THRU	?
KOP	N/A	TYPE	Vertical

PRODUCTION DETAIL			
	TUBING	Prod Liner	Int Casing
SIZE	2 3/8 "	5 1/2 "	7 "
WEIGHT	4.7ppf	20ppf	20ppf
GRADE	J-55	L-80	J-55
DEPTH	2,960'	3,015'	2,800'
THREAD	8R EUE	HydriL	LT+C
I.D.	1.995"	4.778"	6.456"
DRIFT	1.901"	4.653"	6.331"
BURST	7700 PSI	9190 PSI	3740 PSI
COLLAPSE	8100 PSI	8830 PSI	2270 PSI
CAPACITY	0.00387 bbl/ft	0.02218 bbl/ft	0.04049 bbl/ft
# JOINTS			

PRODUCTION ASSEMBLY DETAIL				
#	O. D. IN	I. D. IN	LENGTH FT	Description
1	2.375	1.780	1.00	F-Nipple
2	2.375	1.995	18	Pup w/Mule Shoe Collar and 0.5" weep hole at top
3				
4				
5				
6				
7				
8				
9				
10				
11				

CASING DETAIL					
#	SIZE	WGHT	GRADE	THREAD	DEPTH
A	9 5/8	36	K-55	LT+C	136
B	7	20ppf	J-55	LT+C	2,800
B	5 1/2	20ppf	L-80	HydriL	3,015
C					
D					
E					
F					

PRESSURE DATA	
BOTTOM HOLE PRESSURE	158 PSI
Estimated	
BOTTOM HOLE TEMPERATURE	118°F
Calculated	

Prepared by: N. MAXWELL Date: 12-Aug-2014

Plug Back Total Depth:	3015	MD	3015	TVD	Spud: 7/2003 Completed: 7/2003 Last Workover:
Total Depth:	3015	MD	3015	TVD	

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised July 16, 2010
Submit one copy to appropriate
District Office
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-31381		² Pool Code 71629		³ Pool Name Basin Fruitland Coal	
⁴ Property Code 001082		⁵ Property Name State Gas Com BW			⁶ Well Number 1S
⁷ OGRID No. 000778		⁸ Operator Name BP America Production Company			⁹ Elevation 6111

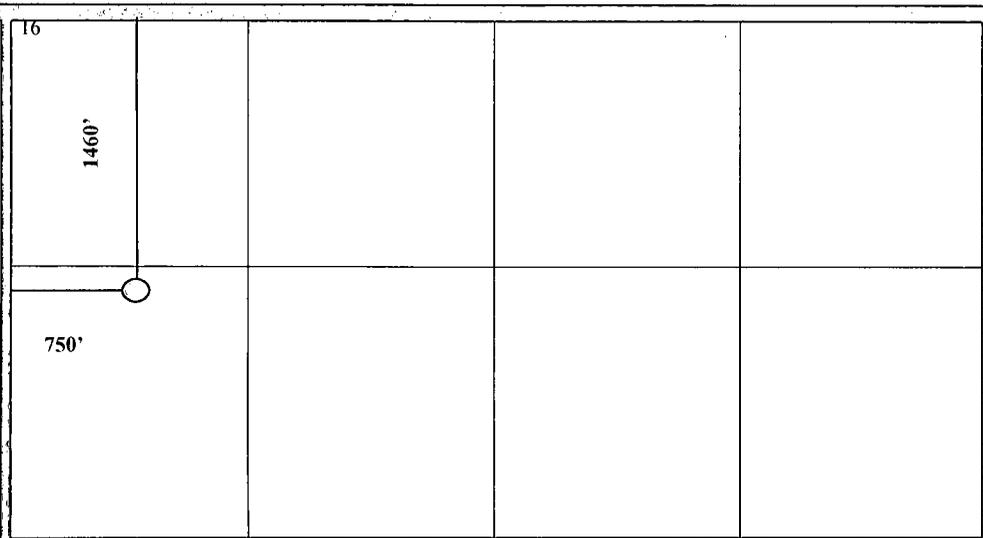
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	32	32N	10W		1460	North	750	West	San Juan

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 320		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Toya Colvin 8/13/2014
Signature Date

Toya Colvin
Printed Name

Toya.Colvin@bp.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey

Signature and Seal of Professional Surveyor:

Previously Filed

Certificate Number

Hoppe, William, EMNRD

From: Sandoz, Christopher <Christopher.Sandoz@bp.com>
Sent: Thursday, September 04, 2014 7:57 AM
To: Hoppe, William, EMNRD
Cc: Colvin, Toya
Subject: BP AMERICA - STATE GAS COM BW #001S - API # 30-045-31381

Mr. Hoppe,
Thank you so much for all of your help on this.

The ownership in this well is as follows:

Fruitland
BP = 87.50%
Dugan Production Corp = 12.50%

Pictured Cliffs
BP 75%
Dugan = 25%

We were able to confirm that Dugan would not object to commingling the Fruitland Coal and Pictured Cliffs in this well provided we allocated 10% of production to the Pictured Cliffs. Although we still believe the PC will not be productive without stimulation, a 10% allocation is reasonable to ensure protection of correlative rights. A commingling application reflecting this information will be forthcoming.

Please let me know at your earliest convenience whether we can give the rig a green light to move to this location. If you need any additional information or if you want to discuss further, please let me know.

Thank you,
Chris

Chris Sandoz
Regulatory Engineer
BP America Production Co – Lower 48 Onshore
713-323-3520 (office)
225-235-5230 (mobile)

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 8/13/14
Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-31381-00-00	STATE GAS COM BW	001S	BP AMERICA PRODUCTION COMPANY	G	A	San Juan	S	E	32	32	N	10	W

Application Type:

- P&A
 Drilling/Casing Change
 Location Change
 Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84)
 Other:

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations

Before returning to production file C104 & C105 for the Blanco PC
Hold C-104 For DHC and Blanco PC C102

NMOCD Approved by Signature

9-4-2014
Date