

# BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 9-16-14 Operator Burlington API #30-0 45-26608

Property Name Pierce A Well No. 4E Location: Unit \_\_\_\_\_ Section 13 Township 30 Range 10

Well Status (Shut-In or Producing) Initial PSI: Tubing 178 Intermediate 182 Casing 177 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

PRESSURE					
Testing	Bradenhead			INTERM	
	BH	Int	Csg	Int	Csg
TIME					
5 min	0	181	183	25	190
10 min	0	181	185	0	191
15 min	0	181	186	0	192
20 min				0	193
25 min				0	193
30 min				0	194

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	/
Surges	
Down to Nothing	/
Nothing	
Gas	/
Gas & Water	
Water	

**If bradenhead flowed water, check all of the descriptions that apply below:**

CLEAR      FRESH      SALTY      SULFUR      BLACK

### 5 MINUTE SHUT-IN PRESSURE

BRADENHEAD 0 INTERMEDIATE 1

REMARKS:

REMARKS: BH Long puff - dead at 4 seconds.  
Int. Hand blow just 10 min - 15 light blow - 20 - 25 - 30

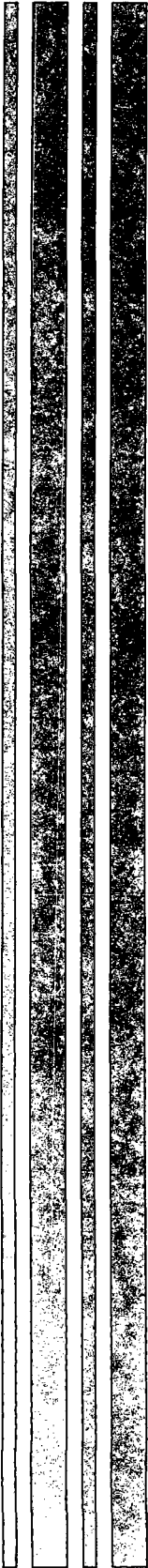
By Fuse Coen

Witness

Witness Monica Cuchling

(Position)

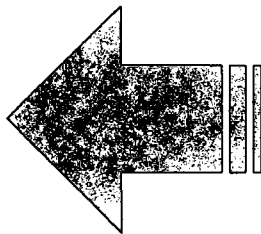
E-mail address



This is a Patch T type separator sheet.



Form Type = "Well file form"  
CODE128 type barcode

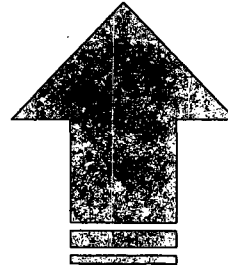


Landscape Feed  
*New Form Follows...*

This is a Patch T type separator sheet.



Form Type = "Well file form"  
CODE128 type barcode



Portrait Feed  
*New Form Follows...*

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: 8/11/14

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf. Owner	UL	Sec	Twp	N/S	Rng	W/E	Feet	NS	Ft	EW	Last Insp
30-045- 30214-00- 00	BLANCO	003A	FOUR STAR OIL & GAS CO	G	A	San Juan	F	F	1	27	N	9	W	1480	N	1485	W	3/14/2014

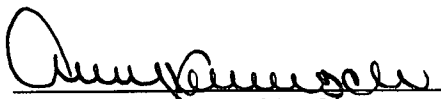
Application Type:

- ☐ 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

File C104 and completion report for the Fruitland Coal for approval before returning to production.

  
NMOCD Approved by Signature

9-17-14  
Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NMSF078357A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.  
BLANCO 3A

2. Name of Operator  
FOUR STAR OIL GAS COMPANY  
Contact: APRIL E POHL  
E-Mail: APRIL.POHL@CHEVRON.COM

9. API Well No.  
30-045-30214-00-S1

3a. Address  
AZTEC, NM 87410

3b. Phone No. (include area code)  
Ph: 505-333-1941  
Fx: 505-334-7134

10. Field and Pool, or Exploratory  
BLANCO MESAVERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 1 T27N R9W SENW 1480FNL 1485FWL  
36.607234 N Lat, 107.743643 W Lon

11. County or Parish, and State  
SAN JUAN COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Subsurface Commingling
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

FOUR STAR OIL & GAS COMPANY RESPECTFULLY SUBMITS THIS REQUEST TO PERFORM DHC WORK ON THE BLANCO 3 A.

PER DHC 4685 ISSUED BY THE NMOCD JULY 16, 2014, the commingling procedure will be done as follows:

Fruitland Recompletion Procedure:

- ? Rig up, install BOP and test
- ? Pull tubing. Run 4-3/4" bit and scrapper to PBTD 4603?
- ? Set bridge plug at ~3000?
- ? Load casing with water and test to 500 psi
- ? Run Gr-CCL log, perforate Fruitland coal 1986?-2004?, 2011?-2021? and 2032?-2052?
- ? Frac Fruitland Coal

**OIL CONS. DIV DIST. 3**

**AUG 14 2014**

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #256546 verified by the BLM Well Information System  
For FOUR STAR OIL GAS COMPANY, sent to the Farmington  
Committed to AFMSS for processing by JIM LOVATO on 08/12/2014 (14JXL0163SE)

Name (Printed/Typed) APRIL E POHL

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 08/11/2014

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By JIM LOVATO

Title PETROLEUM ENGINEER

Date 08/12/2014

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Farmington

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.

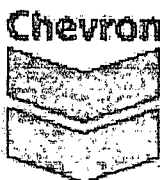
**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**NMOCD**

**Additional data for EC transaction #256546 that would not fit on the form**

**32. Additional remarks, continued**

- ? Drill out plug at 3000? proceed to cleanout to PBTD 4603?
- ? Reinstall plunger lift equipment for downhole commingled Mesaverde and Fruitland intervals
- ? Return well to production



# Blanco 3 A

## San Juan County, New Mexico

### Current Well Schematic

API: 30-045-30214  
Legals: Sec 1 - T 27N - R 9W  
Field: Blanco

KB 5967' Spud Date: 6/13/00  
KB Elev 12' Compl Date: 8/11/00  
GR Elev 5955'

Surface Casing:  
8-5/8" 32# K-55 set @ 340' in 12-1/4" hole  
Cmt'd with 260 sks class B  
Circ 12 bbis cmt to pit.  
TOC = 0'

Tubing Details:  
139 jts, 2 3/8" EUE J-55  
2 3/8" Seating Nipple  
2 3/8" Knotch Collar  
EOT 4471'

Artificial Lift: Plunger Lift

#### MESAVERDE PERFORATIONS:

Stage 3; Perf 2SPF. Foam frac w/ 693mcf N2  
and 97,000# 20/40 Brady Sand. ISIP 2147psi

3862' - 64'	3976' - 78'
3873' - 74'	4012' - 14'
3904' - 05'	4022' - 24'
3911' - 13'	4078' - 80'
3966' - 68'	

Stage 2; Perf 2SPF. Foam frac w/ 865mcf N2  
and 97,297# 20/40 Brady Sand w/ Proppant. ISIP 1900psi

4124' - 27'	4272' - 75'
4176' - 79'	4296' - 99'

Stage 1; Perf 2SPF. Foam frac w/ 666mcf N2  
and 93,500# 20/40 Brady Sand. ISIP 1392psi

4360' - 62'	4494' - 98'
4422' - 27'	4509' - 12'
4464' - 66'	4552' - 54'

PBTD = 4603'

CIBP @ 4600'

TD = 4667'

Production Casing:  
5-1/2" 15.5# K-55 @ 4659' in 7-7/8" hole  
Cmt'd with 665 sks 9.5ppg liteCrete Cmt; Lost returns;  
Circ 125 sks to pit; TOC = 0'  
7/27/00 CBL ran w/ 1000psi on csg.



# Blanco 3 A

San Juan County, New Mexico

## Proposed Wellbore

API: 30-045-30214  
Legals: Sec 1 - T 27N - R 9W  
Field: Blanco

KB 6987'  
KB Elev 12'  
GR Elev 5965'

Spud Date: 6/13/00  
Compl Date: 8/11/00

Surface Casing:  
8-5/8" 32# K-55 set @ 340' in 12-1/4" hole  
Cmt'd with 260 sks class B  
Circ 12 bbls cmt to pit.  
TOC = 0'

Tubing Details:  
139 jts, 2 3/8" EUE J-55  
2 3/8" Sealing Nipple  
2 3/8" Knotch Collar  
EOT 4471'

Artificial Lift: Plunger Lift

Proposed Fruitland perms  
1986'-2004', 2011'-2021' and 2032'-2052'

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3911' - 13'	4078' - 80'
3988' - 88'	

Stage 2; Perf 2SPF. Foam frac w/ 665mcf N2  
and 97,287# 20/40 Brady Sand w/ Prophan. ISIP 1900psi

4124' - 27'	4272' - 76'
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