

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

2. **Name of Operator**

ConocoPhillips

3. **Address & Phone No. of Operator**

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. **Location of Well, Footage, Sec., T, R, M**
Sec., T—N, R—W, NMPM

Unit O (SWSE), 980' FSL & 1840' FEL, Sec. 9, T28N, R7W NMPM

RECEIVED

FEB 27 2008

Bureau of Land Management
Farmington Field Office

5. **Lease Number**
SF-078497A

6. **If Indian, All. or
Tribe Name**

7. **Unit Agreement Name**

San Juan 28-7 Unit

8. **Well Name & Number**

San Juan 28-7 Unit 241E

9. **API Well No.**

30-039-22395

10. **Field and Pool**

Blanco MV/ Basin DK

11. **County and State**
Rio Arriba, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission:

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action:

☐ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-off

☐ Conversion to Injection

☒ Other : Non Repair of BH

13. Describe Proposed or Completed Operations

ConocoPhillips requests approval for non-repair of the intermediate casing. Please see the attached proposal and WBD.

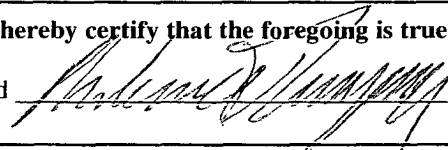
RCVD FEB 28 '08

OIL CONS. DIV.

DIST. 3

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

Signed



Philana Thompson

Title Regulatory Tech

Date 2/28/2008

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason

Title

Date FEB 28 2008

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

NMOCB

San Juan 28-7 Unit 241E
Proposal to Not Repair Intermediate Casing

The SJ 28-7 Unit 241E may fail its bradenhead test due to pressure on the intermediate head. Gas samples from intermediate and production casing indicate the same gas is flowing through both strings. Pressure readings taken during the bradenhead test and re-test indicate that there is not an integrity issue with the bradenhead (no pressure in bradenhead).

Pertinent data for this well is summarized below.

Formation: MV/DK

TD: 7,417'

PBTD: 7,409'

Surface Casing: 9-5/8" 40 #/ft LSS set at 238' with cement circulated to surface

Intermediate Casing: 7" 20.0 #/ft KS set at 3,252' with a TOC @ 1,850' (by TS)

Production Casing: 4-1/2" 10.50 #/ft KE set at 6,301'

4-1/2" 11.60 #/ft K set at 7,417'

with a TOC @ 2,800' (by TS)

Perforations: 4,572'-4,858' (MV)

4,908'-5,316' (MV)

7,182'-7,376' (DK)

Formation Tops: Chacra: 3,870

Mesa Verde: 4,552

Menefee: 4,682

Point Lookout: 5,105

Greenhorn: 7,078

Graneros: 7,134

Dakota : 7,266

Given the lack of pressure on the bradenhead, the gas on the intermediate head is most likely coming from the production casing. Both intermediate and production casing have the same pressure and the samples indicate a very similar composition (see samples attached). Additionally, freshwater aquifers are not threatened since there is no pressure on the bradenhead. ConocoPhillips proposes to repair this well once pressure is found on the bradenhead. In the meantime, the well will remain as it was, with the intermediate head valve closed.

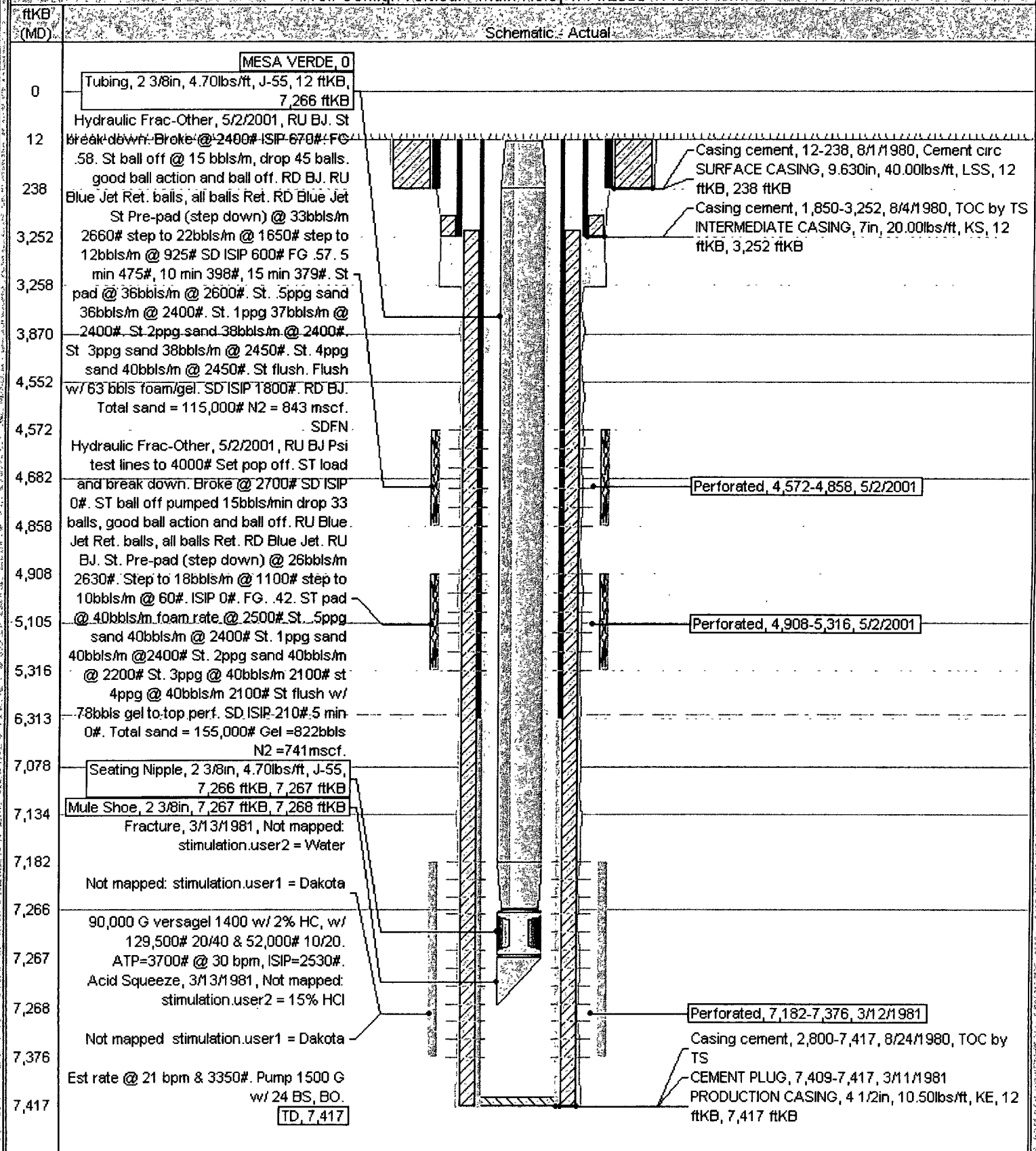
Current Schematic

ConocoPhillips

Well Name: SAN JUAN 28-7 UNIT 241E

API/URN	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
300392239500	NMPM-28N-07W-09-N	MV/DK COM		NEW MEXICO	Vertical	
Ground Elevation @ 6,214.00	Original KB Elevation @ 6,226.00	TS-Ground Distance @	TS-Casing Flange Distance @	TS-Tubing Hanger Distance @		

Well Config: Vertical - Main Hole: 1/14/2008 1:49:41 PM





2030 AFTON PLACE
FARMINGTON, N.M. 87401
(505) 325-6622

ANALYSIS NO. CP280043
CUST. NO. 18300 - 15780

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	INTERMEDIATE
WELL NAME	SAN JUAN 28-7 #241E	PRESSURE	PSI
COUNTY/ STATE		SAMPLE TEMP	N/A DEG.F
LOCATION		WELL FLOWING	N
FIELD		DATE SAMPLED	12/19/2007
FORMATION		SAMPLED BY	IVAN BROWN
CUST.STN.NO.		FOREMAN/ENGR.	MATT CRANE

REMARKS

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U.*	SP GR *
NITROGEN	0.191	0.0000	0.00	0.0018
CO2	0.780	0.0000	0.00	0.0119
METHANE	87.205	0.0000	882.78	0.4831
ETHANE	7.523	2.0108	133.44	0.0781
PROPANE	2.783	0.7663	70.19	0.0424
I-BUTANE	0.418	0.1367	13.62	0.0084
N-BUTANE	0.610	0.1923	19.95	0.0122
I-PENTANE	0.191	0.0699	7.66	0.0048
N-PENTANE	0.125	0.0453	5.02	0.0031
HEXANE PLUS	0.174	0.0776	9.20	0.0058
TOTAL	100.000	3.2989	1,141.86	0.6516

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG. F

COMPRESSIBILITY FACTOR (1/Z)	1.0030	GPM, BTU, and SPG calculations as shown above are based on current GPA factors.
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,145.1	
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,126.0	
REAL SPECIFIC GRAVITY	0.6532	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,138.8	CYLINDER #	064
DRY BTU @ 14.696	1,142.4	CYLINDER PRESSURE	63 PSIG
DRY BTU @ 14.730	1,145.1	DATE RUN	12/27/2007
DRY BTU @ 15.025	1,168.0	ANALYSIS RUN BY	AMANDA FLOREZ

CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

LEASE : SAN JUAN 28-7 #241E

INTERMEDIATE

1/14/2008

STN.NO. :

18300 -

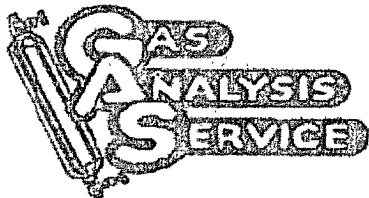
15780

MTR.NO. :

SMPL DATE 12/19/2007
TEST DATE 12/27/2007
RUN NR. CP280043

NITROGEN 0.191
CO2 0.780
METHANE 87.205
ETHANE 7.523
PROPANE 2.783
I-BUTANE 0.418
N-BUTANE 0.610
I-PENTANE 0.191
N-PENTANE 0.125
HEXANE + 0.174

BTU 1,145.1
GPM 3.2989
SP.GRAV. 0.6532



2030 AFTON PLACE
FARMINGTON, N.M. 87401
(505) 325-6622

ANALYSIS NO. CP280042
CUST. NO. 18300 - 15775

WELL/LEASE INFORMATION

CUSTOMER NAME	CONOCO PHILLIPS COMPANY	SOURCE	CASING
WELL NAME	SAN JUAN 28-7 #241E	PRESSURE	PSI
COUNTY/ STATE		SAMPLE TEMP	N/A DEG.F
LOCATION		WELL FLOWING	N
FIELD		DATE SAMPLED	12/19/2007
FORMATION		SAMPLED BY	IVAN BROWN
CUST.STN.NO.		FOREMAN/ENGR.	MATT CRANE

REMARKS

ANALYSIS				
COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR *
NITROGEN	0.187	0.0000	0.00	0.0018
CO2	0.772	0.0000	0.00	0.0117
METHANE	86.890	0.0000	879.59	0.4813
ETHANE	7.596	2.0303	134.74	0.0789
PROPANE	2.935	0.8081	74.02	0.0447
I-BUTANE	0.478	0.1563	15.58	0.0096
N-BUTANE	0.661	0.2084	21.61	0.0133
I-PENTANE	0.201	0.0736	8.06	0.0050
N-PENTANE	0.128	0.0464	5.14	0.0032
HEXANE PLUS	0.152	0.0678	8.04	0.0050
TOTAL	100.000	3.3909	1,146.78	0.6545

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 PSIA & 60 DEG F.

COMPRESSIBILITY FACTOR (1/Z)	1.0030	GPM, BTU, and SPG calculations as shown above are based on current GPA factors.
BTU/CU.FT (DRY) CORRECTED FOR (1/Z)	1,150.1	
BTU/CU.FT (WET) CORRECTED FOR (1/Z)	1,131.0	
REAL SPECIFIC GRAVITY	0.6561	

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

DRY BTU @ 14.650	1,143.9	CYLINDER #	K094
DRY BTU @ 14.696	1,147.5	CYLINDER PRESSURE	332 PSIG
DRY BTU @ 14.730	1,150.1	DATE RUN	12/27/2007
DRY BTU @ 15.025	1,173.1	ANALYSIS RUN BY	AMANDA FLOREZ

CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

LEASE : SAN JUAN 28-7 #241E

CASING

1/14/2008

STN.NO. :

18300 -

15775

MTR.NO. :

SMPL DATE 12/19/2007
TEST DATE 12/27/2007
RUN NR. CP280042

NITROGEN 0.187
CO2 0.772
METHANE 86.890
ETHANE 7.596
PROPANE 2.935
I-BUTANE 0.478
N-BUTANE 0.661
I-PENTANE 0.201
N-PENTANE 0.128
HEXANE + 0.152

BTU 1,150.1
GPM 3.3909
SP.GRAV. 0.6561

Bradenhead Re-Test Form

Use this form to document all re-test information. Please enter in all information using N/A where appropriate.

Well Information	
Well Name & Number:	28-7 #241E
API:	
Section:	9
Township:	28
Range:	7

Test Information	
Date of Re-Test:	10/31/07
Well Status:	flowing
Prod ~ SI ~ TA	
Initial Pressures	
TBG:	INT:
110	130
CSG:	BH:
136	0

BRADENHEAD

Test Time	BH	CSG	INT
5 minutes:	0	136	130
10 minutes:	0	136	130
15 minutes:	0	136	130
20 minutes:	0	136	130
25 minutes:	0	136	130
30 minutes:	0	136	130

End of Test 5 minute SI:	0	136	130
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Intermediate

INT	CSG
1	136
1	136
1	136
1	136
1	136
1	136
1	136

18	136
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Flow Characteristics	BH	INT
Steady Flow:		x
Surges:		
Down to Nothing:		
No Flow:	x	
Gas:		x
Water:		
Gas & Water:		

Water Flow	
Clear	
Fresh	
Salty	
Sulfur	
Black	
Muddy	

MSO Comments/Info		
Remarks: braiden head had nothing. Int blew down in less than 1 min.		
Tested By: Ivan Brown	Company (BR or COP): COP	Witness: NO

**NEW MEXICO ENERGY, MINERALS
and NATURAL RESOURCES
DEPARTMENT**

BRADENHEAD TEST REPORT

Date of Test 9/11/2007 Operator ConocoPhillips API 30039223950000
 Property Name SAN JUAN 28-7 Well No. 241E Unit O Section 09
 Well Status Flowing Township 028N Range 007W
 Tubing 138 Intermediate 141 Casing 141 Bradenhead 4

TIME (minutes)	Bradenhead PSIs		
	BHD	INT	CSG
5	2	143	143
10	0	142	142
15	0	143	143
20	0	140	139
25	0	138	138
30	0	136	136

TIME (minutes)	Intermediate PSIs	
	INT	CSG
5	2	139
10	1	140
15	1	141
20	1	141
25	1	142
30	1	142

5 Minute Shut-In

Bradenhead 0

Intermediate 18

Flow Characteristics	BHD	INT
Steady Flow	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surges	<input type="checkbox"/>	<input type="checkbox"/>
Down to Nothing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nothing	<input type="checkbox"/>	<input type="checkbox"/>
Gas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Gas and Water	<input type="checkbox"/>	<input type="checkbox"/>
Water	<input type="checkbox"/>	<input type="checkbox"/>

Water Flow	BHD	INT
Clear	<input type="checkbox"/>	<input type="checkbox"/>
Fresh	<input type="checkbox"/>	<input type="checkbox"/>
Salty	<input type="checkbox"/>	<input type="checkbox"/>
Sulfur	<input type="checkbox"/>	<input type="checkbox"/>
Black	<input type="checkbox"/>	<input type="checkbox"/>
Muddy	<input type="checkbox"/>	<input type="checkbox"/>

Tested By Ivan Brown

Witness _____

Remarks

bh blew to nothing In 6 min.started a on cycle 20 min into bh test.int never stopped blowing , not hard but constant.