

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

RECEIVED

DEC 22 2003

Bureau of Land Management
Farmington Field Office

Sundry Notices and Reports on Wells

- | | |
|--|---|
| 1. Type of Well
GAS | 5. Lease Number
SF-079962 |
| 2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP | 6. If Indian, All. or
Tribe Name |
| 3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700 | 7. Unit Agreement Name |
| 4. Location of Well, Footage, Sec., T, R, M

Surf: Unit J (NWSE), 1860' FSL & 1430' FEL, Section 26, T30N, R11W, NMPM
1575 1230 | 8. Well Name & Number
Payne Com 1A |
| | 9. API Well No.

30-045-29912 |
| | 10. Field and Pool |
| | 11. Blanco Mesa Verde
County and State
San Juan, NM |

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

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input checked="" type="checkbox"/> Other - <input type="checkbox"/> MIT or WH repair
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Water Shut off
		<input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

Burlington Resources wishes to perform a MIT or Well Head repair on the subject Well per attached procedures. On 09/17/08 this well failed a routine bradenhead test. It is expected that there is either a production casing failure or a wellhead seal failure. If it is determined to be a wellhead seal failure we intend on making the nessecary repairs, however if it is determined to be the casing failure we will contact the BLM & OCD with remedial plans.

NOTIFY NMCD AZTEC 24 HOURS PRIOR TO MIT FOR WITNESS.

RCVD JAN 7 '09
OIL CONS. DIV.
DIST. 3**14. I hereby certify that the foregoing is true and correct.**Signed Kelly Jeffery Title Regulatory Technician Date 12/22/08.

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title Date JAN 06 2009
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.

NMCD

ConocoPhillips
Payne Com #1A (MV)
Casing Pressure Test/Wellhead Repair

Lat 36° 46' 49" N Long 107° 57' 19.5" W

Prepared By: Karen Work
PE Peer review/approved By:

Date: 12/09/2008
Date:

Scope of work: The intent of this procedure is to TOOH with the tubing, use a Removable Bridge Plug (RBP) and packer to test the casing above the perforations, and tighten the WH seals.

Est. Rig Days: 4

WELL DATA:

API: 3004529912

Location: 1595' FSL & 1200' FEL, T30N R11W Section 26 Unit I

PBTD: 5089' **TD:** 5155'

Perforations: 4228'-4556' (MN); 4627'-4868' (Pt LO) - Mesaverde

<u>Casing:</u>	<u>OD</u>	<u>Wt., Grade</u>	<u>Connection</u>	<u>ID/Drift (in)</u>	<u>Depth</u>
	8-5/8"	24.0#, K-55	-	8.097/7.796	356'
	4 1/2"	11.6#, N-80	-	4.000/3.875	453'
	4 1/2"	10.5#, J-55	-	4.052/3.927	5145'
<u>Tubing:</u>	2-3/8"	4.7#, J-55		1.995/1.901	4699'
<u>Seat Nipple:</u>	2-3/8"	4.7#, J-55		1.78	4666'

Well History: The Payne Com 1A was drilled in 1999 and completed in 2000 as a stand-alone Mesaverde completion in the Menefee and Point Lookout formations. There have been no workovers to date. On September 17, 2008, the well failed a routine bradenhead test showing a bradenhead pressure of 130 which quickly blew down to a whisper but built back up to 66# in 5 minutes. The wellbore seals could not be tested due to the lack of ports on this modified independent wellhead. The gas analysis's taken from the production casing and bradenhead show similar gas composition therefore it is expected that there is either a production casing failure or a wellhead failure. A Schlumberger representative read the CBL performed during the completion and stated that the cement was to surface which indicates the bradenhead pressure is coming from the wellhead, not the production casing. The intention of this project is to pull the tubing, use a Removable Bridge Plug (RBP) and packer to test the casing above the perforations, and tighten the WH seals.

B2 Adapters are required on all wells other than pumping wells.

Artificial lift on well (type): Plunger Lift

Est. Reservoir Pressure (psig): 400 (MV)

Well Failure Date: 9/17/08

Current Rate (mcfd): 140 **Est. Rate Post Remedial (mcfd):** 140

Earthen Pit Required: No

Special Requirements: Spear for 4-1/2" casing, several joints 2-3/8" tubing, retrievable bridge plug and packer for 4-1/2", 10.5#, J-55, and a 4-1/2" casing pup joint

Production Engineer: Karen Work, Office: (505)324-5158, Cell: (505)320-3753

PE Backup:

Douglas Montoya, Office: (505)599-3425, Cell: (505)320-8523

MSO:

Dewayne Peak

Cell: (505)320-9570

Specialist:

Donnie Thompson

Cell: (505)320-2639

Lead:

Duane Bixler

Cell: (505)320-1107

Area Foreman:

Terry Nelson

Cell: (505)320-2503

**ConocoPhillips
Payne Com #1A (MV)
Casing Pressure Test/Wellhead Repair**

Lat 36° 46' 49" N Long 107° 57' 195" W

PBTD: 5089'
KB: 14'

PROCEDURE:

NOTE: Call Cameron representative to be present for workover.

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU. Check casing, tubing and bradenhead pressures and record them in WellView.
3. RU blow lines from casing valves and blow down casing pressure. Kill well with 2% KCI if necessary. ND WH, NU BOP.
4. PU additional joint(s) as necessary to tag for fill. PBTD is at 5089', and EOT is at 4699'. Record fill depth in WellView and notify engineer of fill depth so tubing landing depth can be modified as necessary.
5. TOOH with tubing (detail below):

149 – 2-3/8" 4.7# J-55 EUE tubing joints
1 – 2-3/8" Seat Nipple
1 – 2-3/8" 4.7# J-55 EUE tubing joint
1 – 2-3/8" notched collar/expendable check

Visually inspect tubing and record findings in WellView. Make note of corrosion or scale. LD and replace any bad joints. If scale or paraffin is present, obtain a sample for analysis and contact engineer.

6. TIH w/ retrievable bridge plug and packer in tandem for 4-1/2" 10.5# casing and set at +/-4188' KB (40' above top perforation). **Do not set RBP more than 50' above top perforation.** Pull up packer 20' and test RBP to 1000# for 10 minutes.
7. Pull packer up to 2100' and set. Test below packer to 500# for 15 minutes. Then test backside to 500# for 15 minutes. (From packer to surface). If tests OK, then go to next step; otherwise, move packer to hunt for holes to squeeze and contact production engineer and rig superintendent. (possible leak in wellhead)
8. TOH with packer. If leak was identified in well head. Make sure hole is loaded to surface with no flow up casing. Remove tubing head.
9. Pick up 4-1/2 casing pup joint. Screw into 4-1/2" mandrel and attempt to tighten.
10. If unsuccessful, then spear 4-1/2" casing, remove mandrel and attempt to tighten. Notify engineer of results. Shut in all casing valves overnight. Record overnight BH, Casing and Tubing pressures and record in WellView.
11. TOH w/ RBP at 4188'. Trip in hole to cleanout to PBTD @ 5089'.

12. TIH broaching/driftting production string as follows:

1 – 2-3/8" mule shoe w/ expendable check
1 – 2-3/8" x 1.78" ID "F" nipple
1 – 2-3/8" 4.7# J-55 EUE tubing joint
1 – 2-3/8" x 2' pup joint
149 – 2-3/8" 4.7# J-55 EUE tubing joints

Land tubing at +/-4700' KB with "F" nipple at 4688' KB.

13. Drop standing valve and pressure test tubing to 1000 psi.
14. ND BOPE, NU wellhead, and blow out expendable check. Notify MSO that well is ready to be turned over to production. Make a swab run, if necessary, to kick off the well. RDMO.

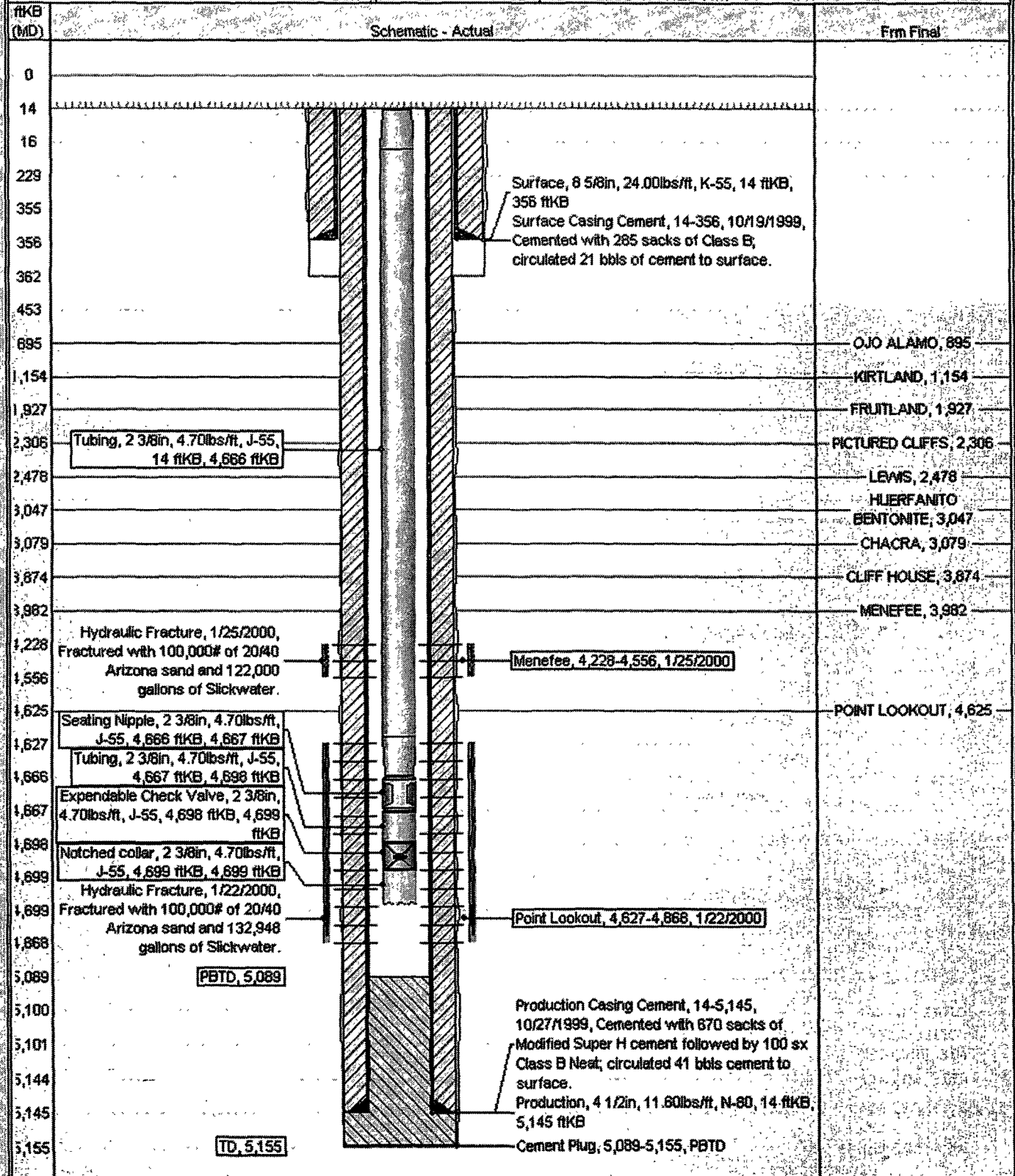
CURRENT SCHEMATIC

ConocoPhillips

PAYNE COM #1A

District NORTH	Field Name BLANCO MESAVERDE (PRORATED) GAS	API / UWI 3004529912	County SAN JUAN	State/Province NEW MEXICO	Edit
Original Spud Date	Surface Legal Location	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref

Well Config: - 30045299120000, 12/10/2008 1:11:29 PM



Pertinent Data Sheet_ Revised

ConocoPhillips

Well Name: PAYNE COM #1A

API/UAH 3004529912	Surface Legal Location NMPM 026-030N-011W	Field Name BLANCO MESA/BLANCO	License No	State/Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (ft) 5,909.00	Original KB/RT Elevation (ft) 5,923.00	KB-Grout Distance (ft) 14.00	KB-Casing Flange Distance (ft) 5,923.00	KB-Tubing Hanger Distance (ft) 5,923.00		

Original Spud Date 10/18/1999	Latitude (DMS) 36° 46' 48.972" N	Longitude (DMS) 107° 57' 18.72" W	Edit
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PBTDs	Edit
Depth (ft) 5,089.0	Comment

Formations	Edit
Formation Name	Final Top MD (ft)
OJO ALAMO	895.0
KIRTLAND	1,154.0
FRUITLAND	1,927.0
PICTURED CLIFFS	2,306.0
LEWIS	2,478.0
HUERFANITO BENTONITE	3,047.0
CHACRA	3,079.0
CLIFF HOUSE	3,874.0
MENEFEE	3,982.0
POINT LOOKOUT	4,625.0

Casing Strings							
Casing Description		Run Date	Set Depth (ft)	Comment			Edit
Surface		10/19/1999	355.6				
Item Description	OD Nominal (in)	ID (in)	Wt (lbs/ft)	Grade	J's	Len (ft)	Edit
Wellhead	8 5/8	8.097			1	2.00	
Casing Joints	8 5/8	8.097	24.00	K-55	5	212.83	
Casing Joints	8 5/8	8.097	24.00	J-55	3	125.98	
Sawtooth Collar	8 5/8	8.097	24.00	J-55	1	0.75	

Casing Description		Run Date	Set Depth (ft)	Comment		Edit	
Production		10/27/1999	5,145.1				
Item Description	OD Nominal (in)	ID (in)	Wt (lbs/ft)	Grade	J's	Len (ft)	Edit
Casing Joints	4 1/2	4.000	11.60	N-80	10	438.91	
Casing Joints	4 1/2	4.052	10.50	J-55	109	4,646.79	
Float Collar	4 1/2		10.50	J-55	1	0.90	
Shoe Joint	4 1/2	4.052	10.50	J-55	1	43.20	
Guide Shoe	4 1/2		10.50	J-55	1	1.25	

Cement				Edit
Description	Start Date	End Date	Comment	
Cement Plug				
Surface Casing Cement	10/19/1999		Cemented with 285 sacks of Class B; circulated 21 bbls of cement to surface.	
Production Casing Cement	10/27/1999		Cemented with 670 sacks of Modified Super H cement followed by 100 sx Class B Neat; circulated 41 bbls cement to surface.	

Tubing - Production set at 4,699.1ftKB on 1/29/2000 00:00								Edit
Tubing Description	Run Date	Set Depth (ft)	Comment					
Tubing - Production	1/29/2000	4,699.1	Adjusted the tubing set depth from a 12' KB to a 14' KB.					
Item Description	OD Nominal (in)	ID (in)	Wt (lbs/ft)	Grade	J's	Len (ft)	Top (ft)	Edit
Tubing	2 3/8	1.995	4.70	J-55	149	4,651.80	14.0	
Seating Nipple	2 3/8	1.785	4.70	J-55	1	1.10	4,665.6	
Tubing	2 3/8	1.995	4.70	J-55	1	31.27	4,666.7	
Expendable Check Valve	2 3/8	1.995	4.70	J-55	1	0.70	4,699.0	
Notched collar	2 3/8	1.995	4.70	J-55	1	0.40	4,699.7	

Perforations					Edit
Date	Top (ft)	8 in (ft)	Zone	Comment	
1/25/2000	4,228.0	4,556.0		Perforated at 4228, 4230, 4241, 4243, 4245, 4247, 4261, 4263, 4265, 4267, 4269, 4271, 4273, 4275, 4281, 4286, 4288, 4293, 4311, 4313, 4315, 4329, 4331, 4345, 4347, 4397, 4399, 4422, 4424, 4513, 4517, 4519, 4554, and 4556 with 1 spf. 34 total holes.	
1/22/2000	4,627.0	4,868.0		Perforated at 4627, 4631, 4635, 4638, 4643, 4646, 4649, 4659, 4665, 4670, 4673, 4676, 4678, 4688, 4690, 4692, 4702, 4704, 4715, 4725, 4735, 4742, 4755, 4791, 4801, 4807, 4814, 4820, 4826, 4844, 4866, and 4868 with 1 spf. 34 total holes.	

Stimulations & Treatments			Edit
Hydraulic Fracture on 1/22/2000 00:00			
Type	Zone	Comment	
Hydraulic Fracture		Fractured with 100,000# of 20/40 Arizona sand and 132,948 gallons of Slickwater.	

Pertinent Data Sheet_ Revised

ConocoPhillips

Well Name: PAYNE COM #1A

API/UVI 3004528912	Surface Legal Location NMPM,026-030N-011W	Field Name BLUNCO MEYAUVERDE (PRODUCED ...)	License No.	State/Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (ft) 5,909.00	Original KB/RT Elevation (ft) 5,923.00	KB-Grout Distance (ft) 14.00	KB-Casing Flange Distance (ft) 5,923.00	KB-Tubing Hanger Distance (ft) 5,923.00		

Stimulations & Treatments

Hydraulic Fracture on 1/25/2000 00:00

Type Hydraulic Fracture	Zone	Comment Fractured with 100,000# of 20/40 Arizona sand and 122,000 gallons of Slickwater.	Edit
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