

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JAN 12 2009

Bureau of Land Management
Farmington Field Office

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
Surf: Unit J (NWSE), 1410' FSL & 2050' FEL, Section 33, T28N, R4W, NMPM

5. Lease Number
SF-079731

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
San Juan 28-4 Unit

8. Well Name & Number
San Juan 28-4 Unit 35M

9. API Well No.
30-039-25949

10. Field and Pool

11. Basin DK/Blanco MV
County and State
Rio Arriba, NM

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

Type of Submission	Type of Action	
☒ Notice of Intent	☐ Abandonment	☒ Other - MIT/csg repair
☐ Subsequent Report	☐ Recompletion	
☐ Final Abandonment	☐ Plugging	
	☐ Casing Repair	
	☐ Altering Casing	
	☐ Change of Plans	
	☐ New Construction	
	☐ Non-Routine Fracturing	
	☐ Water Shut off	
	☐ Conversion to Injection	

RCVD JAN 14 '09
OIL CONS. DIV.
DIST. 3

13. Describe Proposed or Completed Operations

Burlington Resources intends to evaluate the casing for possible leak and perform squeeze if needed according to the attached procedures.

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

Signed Kelly Jeffery Title Regulatory Technician Date 01/12/09

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date JAN 13 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.

NOTIFY NMOCD 24 HOURS PRIOR TO MIT AND SQUEEZE OPERATIONS.

NMOCD

b2

ConocoPhillips
San Juan 28-4 Unit 35M (MV/DK)
Water shut off and MIT

Lat 36° 36' 47" N Long 107° 15' 16" W

Prepared By: Juan Alvarez Production Engineer
Production Engineering Peer review/approved By:

Date: 11/14/08
Date: / /

Scope of work: Pull tubing, perform casing MIT perform flow test to isolate water production, rerun tubing, get well into production.

WELL DATA:

API: 3003925949

Location: 1410' FSL & 2050' FEL, Unit J, Section 33– T 28 N – R 04 W

PBTD: 8690' **TD:** 8765'

Perforations: 5001'-6699' (MV); 8536'-8656' (DK)

<u>Casing:</u>	<u>OD</u>	<u>Wt., Grade</u>	<u>Connection</u>	<u>ID/Drift (in)</u>	<u>Depth</u>
	9-5/8"	36.0#, W-50	ST&C	8.921/8.765	517'
	7"	20.0#, J-55		6.456/6.331	4454'
<u>Liner:</u>	4-1/2"	15.5#, J-55		3.826/3.701	2700' – 8753'
<u>Tubing:</u>	2-3/8"	4.70#, J-55	EUE	1.995/1.901	8583'
<u>F Nipple:</u>	2-3/8"	4.70#, J-55		1.780	8581'

Bull Plug:

Well History/ Justification:

The well San Juan 28-4 unit 35M was completed in Mesa Verde and Dakota in 1999. In 2007 a workover was done due to obstruction in tubing. In 2008 a slickline was run indicating sand obstruction in tubing. A tubing repair was done and when the well was swabbed, liquid removal resulted in 700 bbls in 19 days. Currently the well is logged off due to water production from an unknown source. It is recommended, perform a MIT, flow test and shut off water source.

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

Artificial lift on well (type): Plunger Lift

Est. Reservoir Pressure (psig): 836 (MV) 1800 (DK)

Well Failure Date: 4/30/2008

Current Rate (Mcf/d): 0 **Est. Rate Post Remedial (Mcf/d):** 120

Earthen Pit Required: YES

Special Requirements: Several joints of 2-3/8" tubing for replacements, RBP, Packer for 4-1/2 10.5 # casing and CIBP

ConocoPhillips
San Juan 28-4 Unit 35M (MV/DK)
Water shut off and MIT

Lat 36° 36' 47" N Long 107° 15' 16" W

Production Engineer: Juan Alvarez Office: 324-5185, Cell: 330-5310

Backup Engineer: Pertuso Dryonis Office: 599-3404, Cell: 320-6568

MSO: Padilla Criss Cell: 330-5285

Lead: Mick Ferrari Cell: 320-2508

Area Foreman: Lopez Richard Cell: 320-9539

ConocoPhillips
San Juan 28-4 Unit 35M (MV/DK)
Water shut off and MIT

Lat 36° 36' 47" N Long 107° 15' 16" W

PROCEDURE:

1. Hold pre-job safety meeting. Comply with all NMOC, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in WellView.
3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl, if necessary. ND wellhead and NU BOPE.
4. PU and remove tubing hanger and tag for fill, adding additional joints as needed. PBTD is at 8690'. Record fills depth in WellView.
5. TOOH with tubing (detail below).

272 Jts 2-3/8" 4.7# J-55 Tubing joints
1- 2-3/8" 4.7# J-55 Tubing pup joint (2')
1- 2-3/8" 4.7# J-55 Tubing joint (30')
1- 2-3/8" F- Nipple
1- 2-3/8" Expendable Check

Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. LD and replace any bad joints.

6. PU tubing bailer if fill is less than 100' and air package is not on location. TIH and bail fill to PBTD (8690'). If fill is greater than 100' or air package is on location, utilize the air package to clean out to PBTD (8690'). If scale is on the tubing, spot acid. Contact Rig Superintendent and Engineer for acid volume, concentration, and tubing volume. TOOH. LD tubing bailer (if applicable).
7. TIH with RBP for a 4-1/2" 10.5 # casing on the 2-3/8" tubing. Set RBP @ 4951' within 50' from top Mesaverde perforation. Unlatch tubing from RBP and test RBP at 500 PSI for 10. If it is ok, proceed and test casing at 500 PSI for 30 min on a 2 hour chart. If the test fails, notify Production Engineer, if test is ok proceed with step 8.

Note: If the test fails notify Production Engineer to decide if squeeze job is necessary. Notify the appropriate regulatory agency 24 hours before pumping cement
8. Retrieve RBP and reset at 6749' (within 50' of bottom Mesaverde perforation). Perform a flow test 6 hours. Notify Production Engineer water rate. The production Engineer will decide whether to go to step 9 or 12
9. Retrieve RBP and reset @ 6358' (within 50' of bottom Menefee/Cliffhouse Perf). Perform a flow test 4 hours. Notify Production Engineer the flow rate

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San Juan 28-4 Unit 35M (MV/DK)
Water shut off and MIT

Lat 36° 36' 47" N Long 107° 15' 16" W

10. Retrieve RBP and reset @ 5826' (within 50' of bottom lower Lewis Perf). Perform a flow test 4 hours. Notify Production Engineer the flow rate.
11. Set RBP @ 5326' (within 50' of bottom upper Lewis Perf). Perform a flow test 4 hours. Notify Production Engineer the flow rate.
Note: At this point Production Engineer will decide if squeeze job is necessary. Notify the appropriate regulatory agency 24 hours before pumping cement
12. TIH with E-line and set CIBP @ 8590'. Perform a flow test for 8 hrs. Notify Production Engineer the water rate. The Production Engineer will decide to isolate Dakota interval totally or partially.

Note: At this point Production Engineer will decide to isolate Dakota interval with CIPB. Notify the appropriate regulatory agency 24 hours before
13. TIH with tubing (detail below) Using tubing drift procedure Recommended landing depth is 8583'. Land FN @ 8582'. **Note: This landing depth could change if water is coming from Dakota.**
 - 1- 2-3/8" Muleshoe/ Expendable Check (If fill was bailed during cleanout, utilize a pump out plug in place of expendable check.)
 - 1- 2-3/8" F-Nipple
 - 1- 2-3/8" 4.7# J-55 Tubing Joint
 - 1- 2-3/8" 4.7# J-55 Pup Joint (2')
 - ~272 2-3/8" 4.7# J-55 Tubing
 - Pups joints as necessary to achieve proper landing depth
 - 1- 2-3/8" 4.7# J-55 Tubing Joint
8. Run standing valve on shear tool, load tubing, and pressure test tubing to 1000 psig. Pull standing valve.
9. Land tubing, 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.

ConocoPhillips
San Juan 28-4 Unit 35M (MV/DK)
Water shut off and MIT

Lat 36° 36' 47" N Long 107° 15' 16" W

TUBING DRIFT CHECK

PROCEDURE

1. Set flow control in tubing. With air, on location, use expendable check. With no air on location, use wireline plug.
2. RU drift tool to a minimum 70' line. Drift tool will have an OD of at least the API drift specification of the tubing. (i.e. – 2-3/8", EUE, 4.7# tbg drift = 1.901"), and will be at least 15" long. The tool will not weigh more than 10# and will have an ID bore the length of the tool, so fluids may be pumped through the tool if it becomes stuck.
3. Drop the tool into the tubing string and retrieve it after every 2 joints of tubing ran in hole. If any resistance to the tool movement is noticed, going in or out, that joint will be replaced.
4. In order to simulate the plunger lift operation, all equipment must be kept clean and free of debris.

The drift tool should be measured with calipers before each job, to ensure the OD is the correct size for the tubing being checked. The maximum allowable wear of the tool is .003".

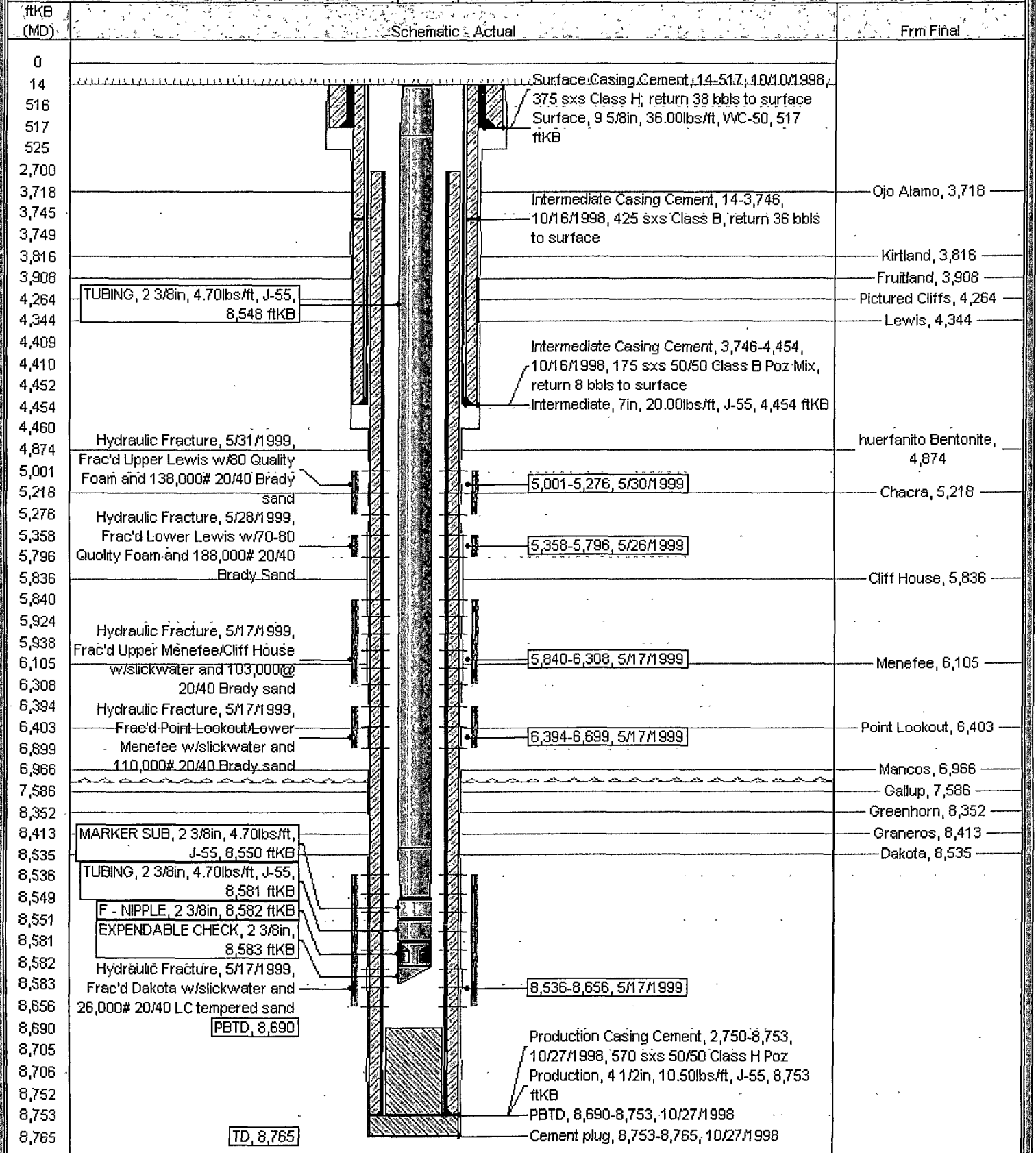
Current Schematic - Revised

ConocoPhillips

Well Name: SAN JUAN 28-4 UNIT #35M

API/UNW	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003925949	1410 FSL 2800 FEL 28-035M-040M	BASIN/DKRD/F/ISSEPARATED G. REEDS		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Grout Distance (ft)	KB-Casing/Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
7,318.00	7,332.00	14.00	7,332.00	7,332.00		

Well Config: - Original Hole, 11/17/2008 6:27:43 AM



Pertinent Data Sheet

ConocoPhillips

Well Name: SAN JUAN 28-4 UNIT #35M

API/UVI	Surface Legal Location	Field Name	License No	State/Province	Well Configuration Type	Edit
3003925949	1416-53L, 2886-1 EL, 28-4234-00000	SAN JUAN 28-4 UNIT #35M		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
7,318.00	7,332.00	14.00	7,332.00	7,332.00		

Well Attributes			Edit
Orig Spud Date	Latitude (DMS)	Longitude (DMS)	
10/8/1998	36° 36' 47.232" N	107° 15' 15.408" W	

PBTDS		Edit
Depth (ft-ft)	Comment	
8,690.0		

Formations		Edit
Formation Name	Final Top MD (ft-ft)	
Ojo Alamo	3,718.0	
Kirtland	3,816.0	
Fruitland	3,908.0	
Pictured Cliffs	4,264.0	
Lewis	4,344.0	
huerfano Bentonite	4,874.0	
Chacra	5,218.0	
Cliff House	5,836.0	
Menefee	6,105.0	
Point Lookout	6,403.0	
Mancos	6,966.0	
Gallup	7,586.0	
Greenhorn	8,352.0	
Graneros	8,413.0	
Dakota	8,535.0	

Casing Strings				
Casing Description	Run Date	Set Depth (ft-ft)	Comment	Edit
Surface	10/9/1998	516.8		

Item Description	OD Nominal (in)	ID (in)	WT (lb/ft)	Grade	Jts	Len (ft)	Edit
Casing Joints	9 5/8	8.921	36.00	WVC-50	12	501.82	
Shoe	9 5/8	8.921				1.00	

Casing Description	Run Date	Set Depth (ft-ft)	Comment	
Intermediate	10/13/1998	4,453.9		

Item Description	OD Nominal (in)	ID (in)	WT (lb/ft)	Grade	Jts	Len (ft)	Edit
Casing Joints	7	6.456	20.00	J-55	91	3,731.12	
Stage Tool	7	6.456	20.00	J-55	1	3.50	
Casing Joints	7	6.456	20.00	J-55	16	660.89	
Float Collar	7	6.456	20.00	J-55	1	0.90	
Casing Joints	7	6.456	20.00	J-55	1	41.60	
Shoe	7	6.456				1.90	

Casing Description	Run Date	Set Depth (ft-ft)	Comment	
Production	10/19/1998	8,753.0		

Item Description	OD Nominal (in)	ID (in)	WT (lb/ft)	Grade	Jts	Len (ft)	Edit
Casing Joints	4 1/2	4.052	10.50	J-55		3,223.65	
Marker Joint	4 1/2	4.052	10.50	J-55	1	14.75	
Casing Joints	4 1/2	4.052	10.50	J-55	61	2,766.70	
Float Collar	4 1/2	4.052	10.50	J-55	1	0.87	
Casing Joints	4 1/2	4.052	10.50	J-55	1	45.78	
Shoe	4 1/2	4.052				1.25	

Cement					Edit
--------	--	--	--	--	------

Description	Start Date	End Date	Comment
Surface Casing Cement	10/10/1998		PRE-FLUSH WW 20 BBLS WTR CMT WW 395 SX, 78 BBLS, 466 CU FT, CLASS H CMT, YIELD 1.18 CU FT SX, 5.02 GPS MIX WTR, 47 BBLS TOTAL MIX WTR. 3% CACL2, 1/4 PPS CELLOPHANE. MIXED & PUMPED @ 15.6 PPG DISPLACE WW 38 BBLS OF WTR. CIRCULATE 38 BBLS OF GOOD CMT TO SURF. Coil tubing unit indicator: Y Tool company: NONE Tool typ: NONE Wait on cement (hrs): 8

Pertinent Data Sheet

ConocoPhillips

Well Name: SAN JUAN 28.4 UNIT #35M

API / UWI 3003925949	Surface Legal Location 1418-FSL, 2000-FEL, 24-022N-104W	Field Name BASIN DRIFT (A) (PREPARED C 0000)	License No	State / Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (ft) 7,318.00	Original KB/RT Elevation (ft) 7,332.00	KB-Grout Distance (ft) 14.00	KB-Casing Flange Distance (ft) 7,332.00	KB-Tubing Hanger Distance (ft) 7,332.00		

Cement				Edit
Description	Start Date	End Date	Comment	
Intermediate Casing Cement	10/16/1998		PRE-FLUSH W/ 20 BBLS WTR CEMENT FIRST STAGE W/ 175 SX, 42.07 BBLS, 236.25 CU FT OF 50/50 B-POZMIX W/ 2% GEL, 2% CACL2, 1/2 PPS FLOCELE, 10 PPS GILSONITE. YIELD 1.35 CU FT SX, 5.28 GPS. TOTAL OF 22 BBLS MIX WTR. MIXED & PUMPED @ 13.5 PPG. LOST CIR @ 112 BBLS INTO DISP. LOWER RATE FROM 4 BPM - 2BPM W/ 100% RTNS. LOST TOTAL OF 10 BBLS. DISP FIRST STAGE W/ 30 BBLS WTR & 155 BBLS OF DRLG MUD. BUMP PLUG @ 1010 PSI. PLUG HELD. PD @ 0155 HRS DROP BOMB, WAIT 20 MIN, OPEN STAGE TOOL @ 500 PSI. CIRC HOLE 4 HRS @ 4 BPM W/ RIG PUMP. RTN 8 BBLS CEMENT AFTER PUMPING 116 BBLS, SECOND STAGE: PREFLUSH W/ 20 BBLS WTR, 0 BBLS MUD FLUSH, 20 BBLS WTR. CEMENT SECOND STAGE W/ 425 SX, 220.26 BBLS, 1236.75 CU FT OF CLASS B CEMENT YIELD 2.91 CU FT SX, 17.01 GPS WTR. TOTAL MIX WTR 172.1 BBLS. 3% ECONOLITE, 1/2 PPS FLOCELE, 10 PPS GILSONITE. MIXED & PUMPED @ 11.4 PPG DISP SECOND STAGE W/ 151 BBLS WTR. BUMP PLUG W/ 2578 PSI. PLUG HELD. PD @ 0727 HRS 10/16/98 Coil tubing unit indicator. N Tool company: HALLIBURTON Tool typ: STAGE TOOL	
Production Casing Cement	10/27/1998		PREFLUSH W/ 10 BBLS WTR, 20 BBLS MUD FLUSH, 10 BBLS WTR. CEMENT W/ 570 SX 50/50 H POZMIX, 129 BBLS, 711 CU FT, W/ 2% GEL, 1/4 PPS CELLOPHANE, 5 PPS GILSONITE. 1.27 CU FT/SX, 6.06 GPS MIX WTR. MIXED & PUMPED @ 13.7 PPG. DISPLACE W/ 140 BBLS WTR. BUMP PLUG 2100 PSI. RELEASE PSI, FLOAT HELD. PD @ 1700 HRS. BHT logged (Y/N): N Cement Found on Between Chow and Collar (Y/N): N Cement found on liner tool (Y/N): N Coil tubing unit indicator. N Tool company: NONE Tool typ: NONE	
PBTD	10/27/1998			

Tubing - Production set at 8,583.1ftKB on 4/22/2008 14:00 Edit

Tubing Description	Run Date	Set Depth (ft)	Comment
Tubing - Production	4/22/2008	8,583.1	

Item Description	OD Nominal (in)	ID (in)	Wt (lb/ft)	Grade	JIS	Len (ft)	Top (ft)	Edit
TUBING	2 3/8	1.995	4.70	J-55	136	8,534.47	14.0	
MARKER SUB	2 3/8	1.995	4.70	J-55	1	2.00	8,548.5	
TUBING	2 3/8	1.995	4.70	J-55	1	30.90	8,550.5	
F - NIPPLE	2 3/8	1.780			1	0.78	8,581.4	
EXPENDABLE CHECK	2 3/8	1.995			1	0.92	8,582.2	

Perforations				Edit
Date	Top (ft)	Bot (ft)	Zone	Comment
5/30/1999	5,001.0	5,276.0	LEWIS SHALE, Original Hole	Perfed Upper Lewis w/1 spf @ 5001', 5003', 5005', 5007', 5018', 5020', 5022', 5024', 5026', 5043', 5045', 5047', 5049', 5095', 5097', 5099', 5134', 5136', 5138', 5144', 5146', 5148', 5150', 5220', 5222', 5224', 5234', 5236', 5238', 5256', 5258', 5260', 5262', 5264', 5270', 5272', 5274', 5276'

Pertinent Data Sheet

ConocoPhillips

Well Name: SAN JUAN 28.4 UNIT #35M

API/UVI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003925949	1410-F.S.L. 2000-FEL 29-0001-0004M	SAN JUAN 28.4 UNIT #35M		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Grout Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
7,318.00	7,332.00	14.00	7,332.00	7,332.00		

Perforations						Edit
Date	Top (ft)	Bottom (ft)	Zone	Comment		
5/26/1999	5,358.0	5,796.0	LEWIS SHALE, Original Hole	Perfed Lower Lewis w/1 spf @ 5358', 5360', 5362', 5410', 5412', 5414', 5416', 5418', 5426', 5428', 5430', 5432', 5511', 5513', 5515', 5543', 5545', 5547', 5556', 5558', 5560', 5608', 5610', 5612', 5653', 5655', 5657', 5659', 5666', 5668', 5670', 5692', 5694', 5696', 5735', 5737', 5782', 5784', 5786', 5792', 5794', 5796'		
5/17/1999	5,840.0	6,308.0	MV MNFE/CLFH, Original Hole	Perfed Upper Menefee/Cliffhouse w/1 spf @ 5840', 5855', 5914', 5963', 6020', 6034', 6042', 6044', 6052', 6054', 6060', 6067', 6078', 6080', 6086', 6091', 6094', 6097', 6115', 6182', 6190', 6209', 6215', 6261', 6308'		
5/17/1999	6,394.0	6,699.0	MV PTLO/MNFE, Original Hole	Perfed Point Lookout/Lower Menefee w/1 s spf @ 6571', 6615', 6629', 6657', 6665'		
5/17/1999	8,536.0	8,656.0	DAKOTA, Original Hole	Perfed Dakota w/1 spf @ 8536', 8537', 8538', 8539', 8540', 8561', 8562', 8563', 8564', 8565', 8566', 8567', 8612', 8613', 8614', 8615', 8616', 8624', 8625', 8626', 8627', 8628', 8629', 8630', 8631', 8632', 8633', 8634', 8635', 8636', 8637', 8638', 8639', 8640', 8646', 8647', 8648', 8649', 8650', 8651', 8652', 8653', 8654', 8655', 8656'		

Stimulations & Treatments

Hydraulic Fracture on 5/17/1999 00:00			Edit
Type	Zone	Comment	
Hydraulic Fracture	MV MNFE/CLFH, Original Hole	Frac'd Upper Menefee/Cliff House w/slickwater and 103,000# 20/40 Brady sand	
Hydraulic Fracture on 5/17/1999 00:00			Edit
Type	Zone	Comment	
Hydraulic Fracture	DAKOTA, Original Hole	Frac'd Dakota w/slickwater and 26,000# 20/40 LC tempered sand	
Hydraulic Fracture on 5/17/1999 00:00			Edit
Type	Zone	Comment	
Hydraulic Fracture	MV PTLO/MNFE, Original Hole	Frac'd Point Lookout/Lower Menefee w/slickwater and 110,000# 20/40 Brady sand	
Hydraulic Fracture on 5/28/1999 00:00			Edit
Type	Zone	Comment	
Hydraulic Fracture	LEWIS SHALE, Original Hole	Frac'd Lower Lewis w/70-80 Quality Foam and 188,000# 20/40 Brady Sand	
Hydraulic Fracture on 5/31/1999 00:00			Edit
Type	Zone	Comment	
Hydraulic Fracture	LEWIS SHALE, Original Hole	Frac'd Upper Lewis w/80 Quality Foam and 138,000# 20/40 Brady sand	

Logs

Date	Type
10/19/1998	Temperature Log
10/22/1998	Array Induction
10/22/1998	Dipole Shear Sonic
10/22/1998	Micro Log
10/22/1998	Natural Gamma-Ray Spectrometry
10/22/1998	Neutron Porosity and Lithology Density
4/15/1999	CBL w/GR/CCL/VDL
4/15/1999	Dual Burst Thermal Decay Time
6/16/1999	Spectra Scan Image
7/21/2000	Automatic Dicerter Flowmeter