

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

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

WELL API NO. 30-039-22183
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. Federal Lease #SF-079393
7. Lease Name or Unit Agreement Name San Juan 27-5 Unit
8. Well Number #25A
9. OGRID Number 14538
10. Pool name or Wildcat Blanco MV/ Tapacito PC

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
Burlington Resources Oil & Gas Company LP

3. Address of Operator
3401 E. 30th Street, Farmington, NM 87402

4. Well Location

Unit Letter F : 1790 feet from the North line and 1740 feet from the West line

Section 3 Township 27N Range 5W NMPM Rio Arriba County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6676' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☒ Commingle

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

It is intended to remove the packer from the subject well and commingle the Blanco Mesaverde (Pool Code 72319) and the Tapacito PC (Pool Code 85920). The production will be commingled according to Oil Conservation Division Order Number R-10694. Please see attached for allocation and methodology. Commingling will not reduce the value of the production. Bureau of Land Management has been notified in writing of this application.

RCVD AUG 8 '07
OIL CONS. DIV.
DIST. 3

No notification is required under Oil Conservation Division order R-10694

DAC 2658AZ

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Philana Thompson TITLE Regulatory Technician DATE 8/7/07

Type or print name Philana Thompson E-mail address: thomppp@concophillips.com Telephone No. 505-326-9530
For State Use Only

APPROVED BY: [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE AUG 09 2007
Conditions of Approval (if any):

88

ConocoPhillips
San Juan 27-5 Unit 25A (PC/MV)
Commingle without a Separator Test

Lat 36° 36' 17.064" N **Long** 107° 20' 53.556" W

Prepared By: Karen Mead Engineer
BAE Peer review/approved By: Dennis Wilson

Date: 07/10/2007
Date: 07/10/2007

Scope of work: The intent of this procedure is to commingle the PC and MV. By removing the packer, a plunger will be able to lift fluids off the PC perforations. This will allow the PC and MV to produce more effectively.

Est. Cost: \$99,940

Est. Rig Days: 9

WELL DATA:

API: 30-039-22183

Location: 1790' FNL & 1740' FWL, Unit F, Section 3- T27N - R5W

PBTD: 6148' **TD:** 6167'

Perforations: 3532-3604' (PC); 5208'-5611' (MV); 5726'-6064' (MV)

Well History: Drilled in 10/30/1980 and completed in 02/06/1981. This dual well produces in both the PC and MV. A liner hanger and seal bore extension separate the MV from the PC.

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

Artificial lift on well (type): None

Est. Reservoir Pressure (psig): 700 (MV)

Well Failure Date: 04/09/2007

Current Rate (Mcf/d): 141 **Est. Rate Post Remedial (Mcf/d):** 158.6

Earthen Pit Required: NO

Special Requirements: Several joints of 2-3/8" tubing for replacements

BAE Production Engineer: Stephanie Hickman, Office: (505)324-5149, Cell: (985)290-5474

BAE Backup: Karen Mead, Office: (505)324-5158, Cell: (505)320-3753

MSO: Will Ed Paul Cell: (505)320-9418

Lead: Joey Becker Cell: (505)320-2548

Area Foreman: Mark Poulson Cell: (505)320-2523

ConocoPhillips
San Juan 27-5 Unit 25A (PC/MV)
Commingle without a Separator Test

Lat 36° 38' 31.909" N **Long** 107° 21' 3.042" W

PROCEDURE:

1. Send wireline to pull any down-hole equipment. If not able to pull, set three slip stop above obstruction.
2. Hold safety meeting. Comply with all NMOCD, BLM, and ConocoPhillips safety and environmental regulations. Test rig anchors prior to moving in rig.
3. MIRU. Check casing, tubing, and bradenhead pressures and record them in Wellview. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl if necessary. ND wellhead NU BOP.
4. Unseat donut, remove hanger, TOO H with PC tubing (detail below). Tubing is currently landed @ 3597'.
 - (110 jts) 1-1/4" 2.33# J-55 EUE Tubing
 - (1) 1-1/4" X 1.062" ID SN set @ 3564'
 - (1 jt) 1-1/4" 2.33# J-55 EUE Perforated Joint
5. Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. Please notify engineer of any unusual findings.
6. Release Seal Assembly from the Seal Bore Extension. TOO H with MV tubing (detail below). Tubing is currently landed @ 6043'.
 - (123 jts) 2-3/8" 4.7# J-55 EUE Tubing
 - (1) 4-1/2" X 4.00" ID Seal Assembly
 - (73 jts) 2-3/8" 4.7# J-55 EUE Tubing
 - (1) 2-3/8" X 1.995" ID SN set @ 6011'
 - (1 jt) 2-3/8" 4.7# J-55 EUE Tubing
7. Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. Please notify engineer of any unusual findings.
8. PU 3-7/8" string mill and bit on new tubing for 4-1/2" 10.50# casing. TIH and clean out to PBTD 6148'. TOO H. NOTE: There is NO Model "D" Packer in the well.
9. TIH with RBP for 4-1/2" casing and PKR for 7" casing to pressure test 4-1/2", 10.50# casing and 7", 20.00# casing. Set RBP 50' above MV top perf (approx. 5158') and packer 50' below bottom of the PC perms (approx. 3654') to test casing between perms.
10. TIH, release 7" PKR and set 50' above PC @ 3482'. Pressure test to 500 psi.
11. TOO H with PKR. Latch onto RBP, equalize, TOO H and LD RBP.
12. TIH with tubing (detail below). TIH with tubing using attached Tubing Drift Check Procedure (tbg drift=1.901" OD). Check for fill. Clean out PBTD of 6148'. Recommended landing depth is 6043' (same as before).
 - (1) 2-3/8" Mule Shoe with Expendable Check

(1) 2-3/8" F-Nipple
(1 full jt.) 2-3/8" 4.7#, J-55 EUE Tubing
(1) 2' Pup Joint
(~196 jts.) 2-3/8" 4.7#, J-55 EUE Tubing Joints to surface

13. Run standing valve on shear tool, load tubing, and pressure test tubing to 1000 psig. Pull standing valve.
14. ND BOP, NU wellhead, drop ball and blow out expendable check. Make swab run, if necessary, to kick off well. Notify lease operator that well is ready to be returned to production. RDMO.

Recommended	<u>Karen Mead</u>
BAE Engineer	Karen Mead
Office	(505) 324-5158
Cell	(505) 320-3753

Approved	<u>Kelly Kolb</u>
Expense Supervisor	Kelly Kolb
Office	(505) 326-9582
Cell	(505) 320-4785

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".

BURLINGTON RESOURCES

PRODUCTION ALLOCATION FORM

Distribution:
BLM 4 Copies
Regulatory
Accounting
Well File
Revised: March 9, 2006

Status
PRELIMINARY ☐
FINAL ☒
REVISED ☐

Commingle Type
SURFACE ☐ DOWNHOLE ☒
Type of Completion
NEW DRILL ☐ RECOMPLETION ☐ PAYADD ☐ COMMINGLE ☒

Date: 7/18/2007

API No.
30039221830000
DHC No. **DHC**
Lease No. **SF 079393**

Well Name
SAN JUAN 27-5 UNIT

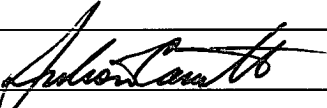
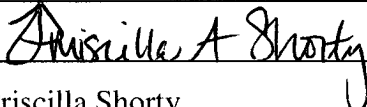
Well No.
#25A

Unit Letter F	Section 003	Township T027N	Range R005W	Footage 1790 FNL & 1740 FWL	County, State Rio Arriba County, New Mexico
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Completion Date 3/5/81	Test Method HISTORICAL <input checked="" type="checkbox"/> FIELD TEST <input type="checkbox"/> PROJECTED <input type="checkbox"/> OTHER <input type="checkbox"/>
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FORMATION	GAS	PERCENT	CONDENSATE	PERCENT
MESAVERDE	129 MCFD	91%		100%
PICTURED CLIFFS	12 MCFD	9%		0%
	141			

JUSTIFICATION OF ALLOCATION: Final allocation for the Mesaverde and Pictured Cliffs commingle: Gas percentages are based on historical dual production. During dual production, the Pictured Cliffs did not produce condensate, so 100% condensate is allocated to Mesaverde

APPROVED BY	DATE	TITLE	PHONE
X 		Engineer	505-599-4043
Julian Carrillo	07/18/07		
X 		Engineering Technician	505-599-4083
Priscilla Shorty	07/18/07		