

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

RCVD NOV 13 '07
OIL CONS. DIV.
DIST. 3

Sundry Notices and Reports on Wells

1. Type of Well
GAS

RECEIVED

NOV 08 2007

2. Name of Operator
CONOCOPHILLIPS

Bureau of Land Management
Farmington Field Office

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 K (NESW), 1390' FSL & 1430' FWL, Section 11, T27N, R7W, NMPM

5. Lease Number
SF-078972
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 157G
9. API Well No.
30-039-30134
10. Field and Pool
Blanco MV/Basin DK
11. County and State
Rio Arriba Co., NM

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

Type of Submission

Type of Action

- | | | | |
|---|--|--|--|
| ☒ Notice of Intent | ☐ Abandonment | ☐ Change of Plans | ☒ Other - Change in Operational Plan |
| ☒ Subsequent Report | ☐ Recompletion | ☐ New Construction | |
| ☐ Final Abandonment | ☐ Plugging | ☐ Non-Routine Fracturing | |
| | ☐ Casing Repair | ☐ Water Shut off | |
| | ☐ Altering Casing | ☐ Conversion to Injection | |

13. Describe Proposed or Completed Operations

ConocoPhillips wishes to change the Operational Plan on the subject well. This is necessary to keep us from torquing up while drilling the production hole and getting the air BHA stuck. Cement volumes and casing depths were adjusted accordingly.

The bottom hole location is 1580' FSL & 2530' FEL, see attached plat. The intermediate TD changes to 4988' and attached also is the revised drilling program.

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

Signed Tamra Sessions Title Regulatory Technician Date 11/8/2007

(This space for Federal or State Office use)

APPROVED BY Troy L. Schyers Title Petroleum Engineer Date 11/9/2007

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

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

NMOCD

District I

1625 N French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 7 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30134	² Pool Code 72319 / 71599	³ Pool Name MESAVERDE / DAKOTA
⁴ Property Code 31739	⁵ Property Name SAN JUAN 28-7 UNIT	⁶ Well Number 157G
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6642

¹⁰ SURFACE LOCATION

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	11	27-N	7-W		1390	SOUTH	1430	WEST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	11	27-N	7-W		1580	SOUTH	2530	EAST	RIO ARRIBA

¹² Dedicated Acres 320.0 E/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN
CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ 		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature Tamra Sessions Printed Name Regulatory Technician Title and E-mail Address 11/8/2007 Date	
		¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: 9/10/07 Signature and Seal of Professional Surveyor: Certificate Number: NM 11393	

ConocoPhillips SJB

San Juan Basin

Monty's Site for directional MV/DK wells

SJ 28-7 #157G

SJ 28-7 #157G

Plan: Alternate BHL

Standard Planning Report

07 November, 2007

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 28-7 #157G
Company:	ConocoPhillips SJBU	TVD Reference:	WELL @ 6658.0ft (Original Well Elev)
Project:	San Juan Basin	MD Reference:	WELL @ 6658.0ft (Original Well Elev)
Site:	Monty's Site for directional MV/DK wells	North Reference:	True
Well:	SJ 28-7 #157G	Survey Calculation Method:	Minimum Curvature
Wellbore:	SJ 28-7 #157G		
Design:	Alternate BHL		

Project	San Juan Basin, Mid-Continent Area		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site	Monty's Site for directional MV/DK wells		
Site Position:		Northing:	m
From:	None	Easting:	m
Position Uncertainty:	0.0 ft	Slot Radius:	in
		Latitude:	
		Longitude:	
		Grid Convergence:	0.00 °

Well:	SJ 28-7 #157G					
Well Position	+N-S	0.0 ft	Northing:	0.00 m	Latitude:	30° 59' 24.512 N
	+E-W	0.0 ft	Easting:	0.00 m	Longitude:	109° 25' 44.094 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	6,643.0 ft

Wellbore	SJ 28-7 #157G				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	BGGM2006	8/15/2007	-6.41	-28.78	31,499

Design	Alternate BHL				
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD)	+N-S	+E-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.0	0.0	0.0	81.88	

Plan Sections										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N-S	+E-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)	(°)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
350.0	0.00	0.00	350.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,392.9	20.86	81.88	1,370.0	26.5	185.9	2.00	2.00	0.00	81.88	
4,292.9	20.86	81.88	4,080.0	172.3	1,208.1	0.00	0.00	0.00	0.00	
4,988.2	0.00	0.00	4,760.0	190.0	1,332.0	3.00	-3.00	0.00	180.00	SJ 28-7 #157G Alte
7,962.2	0.00	0.00	7,734.0	190.0	1,332.0	0.00	0.00	0.00	0.00	SJ 28-7 #157G Alte

ConocoPhillips or its affiliates

Planning Report

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Company:	ConocoPhillips SJB	TVD Reference:	WELL @ 6658.0ft (Original Well Elev)
Project:	San Juan Basin	MD Reference:	WELL @ 6658.0ft (Original Well Elev)
Site:	Monty's Site for directional MV/DK wells	North Reference:	True
Well:	SJ 28-7 #157G	Survey Calculation Method:	Minimum Curvature
Wellbore:	SJ 28-7 #157G		
Design:	Alternate BHL		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
227.0	0.00	0.00	227.0	0.0	0.0	0.0	0.00	0.00	0.00
9 5/8"									
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
350.0	0.00	0.00	350.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	1.00	81.88	400.0	0.1	0.4	0.4	2.00	2.00	0.00
500.0	3.00	81.88	499.9	0.6	3.9	3.9	2.00	2.00	0.00
600.0	5.00	81.88	599.7	1.5	10.8	10.9	2.00	2.00	0.00
700.0	7.00	81.88	699.1	3.0	21.1	21.4	2.00	2.00	0.00
800.0	9.00	81.88	798.2	5.0	34.9	35.3	2.00	2.00	0.00
900.0	11.00	81.88	896.6	7.4	52.1	52.6	2.00	2.00	0.00
1,000.0	13.00	81.88	994.4	10.4	72.7	73.4	2.00	2.00	0.00
1,100.0	15.00	81.88	1,091.5	13.8	96.6	97.6	2.00	2.00	0.00
1,200.0	17.00	81.88	1,187.6	17.7	123.9	125.2	2.00	2.00	0.00
1,300.0	19.00	81.88	1,282.7	22.0	154.5	156.1	2.00	2.00	0.00
1,392.9	20.86	81.88	1,370.0	26.5	185.9	187.7	2.00	2.00	0.00
1,400.0	20.86	81.88	1,376.7	26.9	188.4	190.3	0.00	0.00	0.00
1,500.0	20.86	81.88	1,470.1	31.9	223.6	225.9	0.00	0.00	0.00
1,600.0	20.86	81.88	1,563.5	36.9	258.9	261.5	0.00	0.00	0.00
1,700.0	20.86	81.88	1,657.0	42.0	294.1	297.1	0.00	0.00	0.00
1,800.0	20.86	81.88	1,750.4	47.0	329.4	332.7	0.00	0.00	0.00
1,900.0	20.86	81.88	1,843.9	52.0	364.6	368.3	0.00	0.00	0.00
2,000.0	20.86	81.88	1,937.3	57.0	399.9	403.9	0.00	0.00	0.00
2,100.0	20.86	81.88	2,030.8	62.1	435.1	439.5	0.00	0.00	0.00
2,200.0	20.86	81.88	2,124.2	67.1	470.4	475.1	0.00	0.00	0.00
2,300.0	20.86	81.88	2,217.7	72.1	505.6	510.7	0.00	0.00	0.00
2,400.0	20.86	81.88	2,311.1	77.1	540.9	546.3	0.00	0.00	0.00
2,500.0	20.86	81.88	2,404.6	82.2	576.1	581.9	0.00	0.00	0.00
2,522.9	20.86	81.88	2,426.0	83.3	584.2	590.1	0.00	0.00	0.00
Ojo Alamo									
2,600.0	20.86	81.88	2,498.0	87.2	611.4	617.5	0.00	0.00	0.00
2,700.0	20.86	81.88	2,591.5	92.2	646.6	653.1	0.00	0.00	0.00
2,701.7	20.86	81.88	2,593.0	92.3	647.2	653.7	0.00	0.00	0.00
Kirtland									
2,800.0	20.86	81.88	2,684.9	97.3	681.8	688.8	0.00	0.00	0.00
2,900.0	20.86	81.88	2,778.3	102.3	717.1	724.4	0.00	0.00	0.00
2,997.0	20.86	81.88	2,869.0	107.2	751.3	758.9	0.00	0.00	0.00
Fruitland									
3,000.0	20.86	81.88	2,871.8	107.3	752.3	760.0	0.00	0.00	0.00
3,100.0	20.86	81.88	2,965.2	112.3	787.6	795.6	0.00	0.00	0.00
3,200.0	20.86	81.88	3,058.7	117.4	822.8	831.2	0.00	0.00	0.00
3,211.0	20.86	81.88	3,069.0	117.9	826.7	835.1	0.00	0.00	0.00
Stage Tool									
3,300.0	20.86	81.88	3,152.1	122.4	858.1	866.8	0.00	0.00	0.00
3,385.5	20.86	81.88	3,232.0	126.7	888.2	897.2	0.00	0.00	0.00
Pictured Cliffs									
3,400.0	20.86	81.88	3,245.6	127.4	893.3	902.4	0.00	0.00	0.00
3,500.0	20.86	81.88	3,339.0	132.5	928.6	938.0	0.00	0.00	0.00
3,556.7	20.86	81.88	3,392.0	135.3	948.6	958.2	0.00	0.00	0.00
Lewis									
3,600.0	20.86	81.88	3,432.5	137.5	963.8	973.6	0.00	0.00	0.00

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 28-7 #157G
Company:	ConocoPhillips SJB	TVD Reference:	WELL @ 6658.0ft (Original Well Elev)
Project:	San Juan Basin	MD Reference:	WELL @ 6658.0ft (Original Well Elev)
Site:	Monty's Site for directional MV/DK wells	North Reference:	True
Well:	SJ 28-7 #157G	Survey Calculation Method:	Minimum Curvature
Wellbore:	SJ 28-7 #157G		
Design:	Alternate BHL		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,700.0	20.86	81.88	3,525.9	142.5	999.1	1,009.2	0.00	0.00	0.00
3,800.0	20.86	81.88	3,619.4	147.5	1,034.3	1,044.8	0.00	0.00	0.00
3,900.0	20.86	81.88	3,712.8	152.6	1,069.6	1,080.4	0.00	0.00	0.00
4,000.0	20.86	81.88	3,806.3	157.6	1,104.8	1,116.0	0.00	0.00	0.00
4,100.0	20.86	81.88	3,899.7	162.6	1,140.1	1,151.6	0.00	0.00	0.00
4,200.0	20.86	81.88	3,993.2	167.7	1,175.3	1,187.2	0.00	0.00	0.00
4,292.9	20.86	81.88	4,080.0	172.3	1,208.1	1,220.3	0.00	0.00	0.00
4,300.0	20.65	81.88	4,086.6	172.7	1,210.6	1,222.8	3.00	-3.00	0.00
4,400.0	17.65	81.88	4,181.1	177.3	1,243.0	1,255.6	3.00	-3.00	0.00
4,417.8	17.11	81.88	4,198.0	178.1	1,248.3	1,260.9	3.00	-3.00	0.00
Chacra									
4,500.0	14.65	81.88	4,277.1	181.2	1,270.6	1,283.4	3.00	-3.00	0.00
4,600.0	11.65	81.88	4,374.5	184.4	1,293.1	1,306.2	3.00	-3.00	0.00
4,700.0	8.65	81.88	4,472.9	186.9	1,310.5	1,323.8	3.00	-3.00	0.00
4,800.0	5.65	81.88	4,572.1	188.7	1,322.8	1,336.2	3.00	-3.00	0.00
4,900.0	2.65	81.88	4,671.8	189.7	1,330.0	1,343.4	3.00	-3.00	0.00
4,988.2	0.00	0.00	4,760.0	190.0	1,332.0	1,345.5	3.00	-3.00	0.00
7" - SJ 28-7 #157G Alternate - ICP									
5,000.0	0.00	0.00	4,771.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
5,100.0	0.00	0.00	4,871.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
5,139.2	0.00	0.00	4,911.0	190.0	1,332.0	1,345.5	0.00	0.00	0.00
Cliffhouse									
5,200.0	0.00	0.00	4,971.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
5,251.2	0.00	0.00	5,023.0	190.0	1,332.0	1,345.5	0.00	0.00	0.00
Menefee									
5,300.0	0.00	0.00	5,071.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
5,400.0	0.00	0.00	5,171.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
5,500.0	0.00	0.00	5,271.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
5,600.0	0.00	0.00	5,371.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
5,700.0	0.00	0.00	5,471.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
5,709.2	0.00	0.00	5,481.0	190.0	1,332.0	1,345.5	0.00	0.00	0.00
Pt. Lookout									
5,800.0	0.00	0.00	5,571.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
5,900.0	0.00	0.00	5,671.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
6,000.0	0.00	0.00	5,771.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
6,100.0	0.00	0.00	5,871.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
6,110.2	0.00	0.00	5,882.0	190.0	1,332.0	1,345.5	0.00	0.00	0.00
Mancos Shale									
6,200.0	0.00	0.00	5,971.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
6,300.0	0.00	0.00	6,071.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
6,400.0	0.00	0.00	6,171.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
6,500.0	0.00	0.00	6,271.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
6,600.0	0.00	0.00	6,371.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
6,700.0	0.00	0.00	6,471.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
6,800.0	0.00	0.00	6,571.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
6,881.2	0.00	0.00	6,653.0	190.0	1,332.0	1,345.5	0.00	0.00	0.00
Gallup									
6,900.0	0.00	0.00	6,671.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
7,000.0	0.00	0.00	6,771.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
7,100.0	0.00	0.00	6,871.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
7,200.0	0.00	0.00	6,971.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00
7,300.0	0.00	0.00	7,071.8	190.0	1,332.0	1,345.5	0.00	0.00	0.00

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 28-7 #157G
Company:	ConocoPhillips SJBU	TVD Reference:	WELL @ 6658.0ft (Original Well Elev)
Project:	San Juan Basin	MD Reference:	WELL @ 6658.0ft (Original Well Elev)
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Well:	SJ 28-7 #157G	Survey Calculation Method:	Minimum Curvature
Wellbore:	SJ 28-7 #157G		
Design:	Alternate BHL		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
7,962.2	0.00	0.00	7,734.0	190.0	1,332.0	1,345.5	0.00	0.00	0.00	
Encinal - TD - SJ 28-7 #157G Alternate - PCP										

Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (m)	Easting (m)	Latitude	Longitude	
- hit/miss target										
- Shape										
SJ 28-7 #157G Altern	0.00	0.00	4,760.0	190.0	1,332.0	52.09	406.87	30° 59' 26.392 N	109° 25' 28.792 W	
- plan hits target										
- Point										
SJ 28-7 #157G Altern	0.00	0.00	7,734.0	190.0	1,332.0	52.09	406.87	30° 59' 26.392 N	109° 25' 28.792 W	
- plan hits target										
- Point										

Casing Points						
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)		
227.0	227.0	9 5/8"	9.625	12.250		
4,988.2	4,760.0	7"	7.000	8.750		
7,962.1	7,733.9	4 1/2"	4.500	6.250		
7,947.2	7,719.0	Est Btm Perfs	4.500	6.250		
3,211.0	3,069.0	Stage Tool	7.000	8.750		

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 28-7 #157G
Company:	ConocoPhillips SJBU	TVD Reference:	WELL @ 6658.0ft (Original Well Elev)
Project:	San Juan Basin	MD Reference:	WELL @ 6658.0ft (Original Well Elev)
Site:	Monty's Site for directional MV/DK wells	North Reference:	True
Well:	SJ 28-7 #157G	Survey Calculation Method:	Minimum Curvature
Wellbore:	SJ 28-7 #157G		
Design:	Alternate BHL		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
7,862.2	7,634.0	Upper Cubero		0.00		
3,556.7	3,392.0	Lewis		0.00		
5,709.2	5,481.0	Pt Lookout		0.00		
2,701.7	2,593.0	Kirtland		0.00		
7,895.2	7,667.0	Lower Cubero		0.00		
7,825.2	7,597.0	Paguate		0.00		
5,139.2	4,911.0	Cliffhouse		0.00		
7,723.2	7,495.0	Two Wells		0.00		
5,251.2	5,023.0	Menefee		0.00		
3,385.5	3,232.0	Pictured Cliffs		0.00		
6,881.2	6,653.0	Gallup		0.00		
7,962.2	7,734.0	Encinal		0.00		
2,997.0	2,869.0	Fruitland		0.00		
2,522.9	2,426.0	Ojo Alamo		0.00		
4,417.8	4,198.0	Chacra		0.00		
7,634.2	7,406.0	Greenhorn		0.00		
7,698.2	7,470.0	Graneros		0.00		
6,110.2	5,882.0	Mancos Shale		0.00		
7,962.2	7,734.0	TD		0.00		