

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
BURNETT OIL CO., INC.

3a. Address 801 CHERRY STREET-UNIT #9
SUITE 1500 FORT WORTH, TX 76102-6881

3b. Phone No. (include area code)
(817) 332-0000

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
UNIT A, 990' FNL, 330' FEL, SEC 24, T17S, R30E

5. Lease Serial No.
NMLC029339A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
JACKSON A #20

9. API Well No.
30-015-31670

10. Field and Pool, or Exploratory Area
CEDAR LAKE YESO

11. County or Parish, State
Eddy County, N.M.

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☒ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other _____
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

This wellbore is currently a producing vertical Cedar Lake Yeso completion. The current perforations are from 4591' to 4996' with a total of 20 hole @ 2 SPF.

We now propose to add a horizontal extension within this Cedar Lake Yeso producing zone with a kick off point of 4620' and angle building to 4912' then an approx. 2200' extension in a North West direction. The present surface and bottom hole location is standard 40 acre spacing. This change in bottom hole acreage designation is to be determined.

A COPY OF THE CURRENT 3160-4 AND THE PROPOSED DRILLING PLAN IS INCLUDED FOR YOUR REVIEW.

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

Name (Printed/Typed) STERLING RANDOLPH

Title PETROLEUM ENGINEER

Signature

Date

Sterling Randolph

12/29/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (ORIG. SGD.) ALEXIS C. SWOBODA

PETROLEUM ENGINEER

Date JAN 06 2004

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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

(Instructions on reverse)


Weatherford®

Burnett Oil Co., Inc.
Jackson A #20
Eddy County, New Mexico

TARGET DESCRIPTION:

TARGET	MD	TVD	INCL	AZI	N/S	E/W
YAZOO	6989.08'	4829'	94.98°	330.0°	N: 1905.26'	W: 1100'

PROPOSED PROGNOSIS (From KOP to TD):

1. Run surface readout gyro, and survey wellbore to proposed kickoff point.
2. P/U and run in hole with whipstock.
3. RIH with surface readout gyro and orient whipstock to a 330° azimuth and set.
4. POOH with gyro and P/U window cutting tools and RIH.
5. Cut window and 3' of rat hole. CBU, POOH, and LD mills.
6. P/U 3½" 7:8 – 2.3 stage steerable assembly (Adjustment set @ 2.38°, 4¾" roller cone bit, and RIH to calculated kickoff point; 4620' MD/TVD. Orient with gyro and steer from whipstock until clear of magnetic interference, or capable of reading high side on MWD or wireline steering tool.
 - Build angle @ 19.62°/100' to 90° at a 330° azimuth. Finish build at 5079' MD, 4912' TVD with 292' VS.
 - ✓ Curve build section is estimated for three days utilizing two roller cone bits.
7. CBU and POOH
8. P/U 3½" 7:8 – 2.3 stage steerable assembly (Adjustment set @ 1.15°, 4¾" roller cone bit and RIH to 5079' MD, 4912' TVD.
 - Build angle @ .26°/100' to 95°, and hold direction to TD at 6989' MD, 4829' TVD with 2200' VS.
 - ✓ Build section #2 is estimated for eight days utilizing five roller cone bits.
9. CBU, POOH, and LD directional tools.

Handwritten: JFW
9-30-03



Burnett Oil Co., Inc.
Jackson A #20
Eddy County, New Mexico

DRILLING PROGNOSIS

JOB OBJECTIVES:

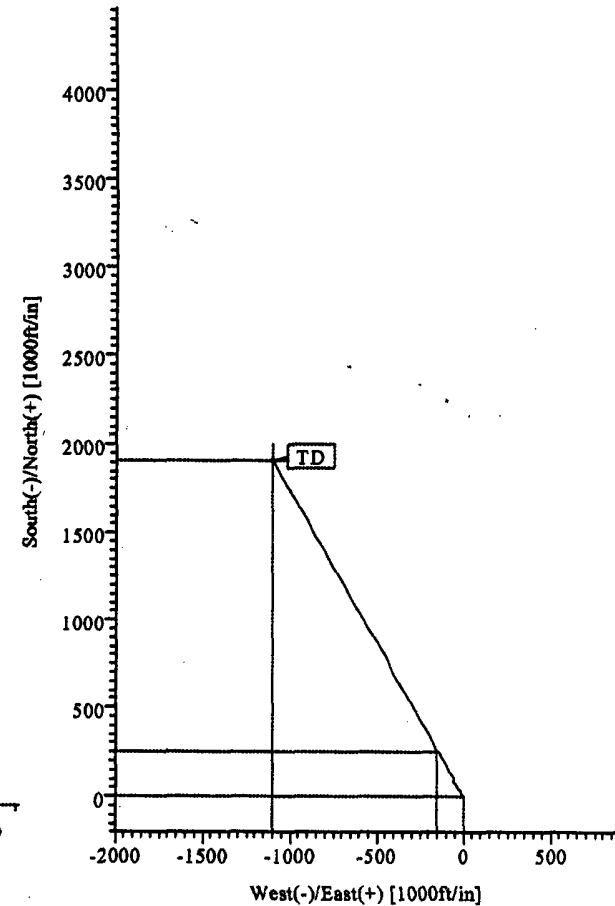
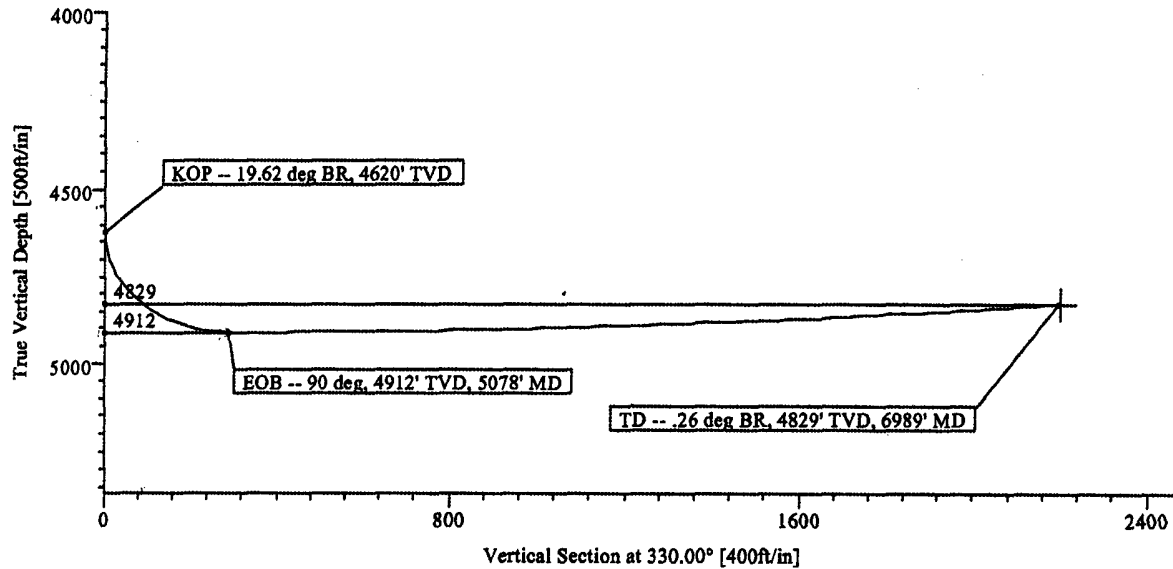
1. Safely drill horizontal well to total depth in 11 days. Time is defined as beginning with picking up the 3½" curve building assembly (4¾" hole), at 4620' MD, and ending at TD of 6989' MD, 4829' TVD, with 2200' VS.
2. Eliminate any stuck pipe incidents and hole cleaning problems.
3. Rotary drill 90% of total footage in the tangent sections without compromising directional integrity of the well.
4. Minimize cost per foot.

PROPOSED TRAJECTORY:

POINT	MD	TVD	INCL	DIR	N/S	E/W
TIE-ON	0	0	0.0°	0.0°	S: 0.0	W: 0.0
KOP (BUILD @ 19.6°/100')	4620'	4620'	0.0°	0.0°	S: 0.0	W: 0.0
EOC & START BUILD (26°/100')	5979'	4912'	90.0°	330.0°	N: 252.88'	W: 146'
TOTAL DEPTH	6989'	4829'	94.98°	330.0°	N: 1905.26'	W: 1100'

26W
9-30-05

**BURNETT OIL COMPANY
JACKSON A #20
Eddy County, New Mexico**



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	4620.00	0.00	330.00	4620.00	0.00	0.00	0.00	0.00	0.00	
2	5078.67	90.00	330.00	4912.00	252.88	-146.00	19.62	330.00	292.00	
3	6989.08	94.98	330.00	4829.00	1905.26	-1100.00	0.26	0.00	2200.00	Target 1

Plan: Jackson A #20

Created By: Y. Pete Ortiz

Date: 9/29/2003

Checked: _____

Date: _____

Reviewed: J.C. Will

Date: 9-29-03

Approved: _____

Date: _____

Weatherford International, Inc.

Planning Report

Company: Burnett Oil Company		Date: 9/29/2003	Time: 10:43:42	Page: 1
Field: Field 1		Co-ordinate(NE) Reference:	Well: Jackson A #20, Grid North	
Site: Jackson		Vertical (TVD) Reference:	System: Mean Sea Level	
Well: Jackson A #20		Section (VS) Reference:	Well (0.00N,0.00E,330.00Azi)	
Wellpath: 1		Plan:	1	

Field: Field 1	
Eddy, New Mexico	
Map System: US State Plane Coordinate System 1927	Map Zone: New Mexico, Eastern Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Well Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: Igrf2000

Site: Jackson	
Sec 24 T17S R30E	
Site Position:	Northling: ft
From: Local Only	Eastling: ft
Position Uncertainty: 0.00 ft	Latitude: deg
Ground Level: 0.00 ft	Longitude: deg
	North Reference: Grid
	Grid Convergence: deg

Well: Jackson A #20		Slot Name:	
Well Position:	+N-S 0.00 ft	Northling: ft	Latitude: deg
	+E-W 0.00 ft	Eastling: ft	Longitude: deg
Position Uncertainty: 0.00 ft			

Wellpath: 1		Drilled From: Surface	
Current Datum: Mean Sea Level	Height: 0.00 ft	Tie-on Depth: 0.00 ft	
Magnetic Data: 9/29/2003		Above System Datum: Mean Sea Level	
Field Strength: 0 nT		Declination: 0.00 deg	
Vertical Section: Depth From (TVD)	+N-S	Mag Dip Angle: 0.00 deg	
ft	ft	+E-W	Direction
		ft	deg
0.00	0.00	0.00	330.00

Plan: 1	Date Composed: 9/29/2003
Principal: Yes	Version: 1
	Tied-to: User Defined

Plan Section Information											
MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TPO deg	Target	
4620.00	0.00	330.00	4620.00	0.00	0.00	0.00	0.00	0.00	0.00		
5078.67	90.00	330.00	4912.00	252.88	-146.00	19.62	19.62	0.00	330.00		
6989.08	94.98	330.00	4829.00	1905.26	-1100.00	0.26	0.26	0.00	0.00	Target 1	

Section 1 : Start Build 19.62											
MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TPO deg	
4620.00	0.00	330.00	4620.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4625.00	0.98	330.00	4625.00	0.04	-0.02	0.04	19.62	19.62	0.00	0.00	
4650.00	5.89	330.00	4649.95	1.33	-0.77	1.54	19.62	19.62	0.00	0.00	
4675.00	10.79	330.00	4674.68	4.47	-2.58	5.16	19.62	19.62	0.00	0.00	
4700.00	15.70	330.00	4699.00	9.43	-5.45	10.89	19.62	19.62	0.00	0.00	
4725.00	20.60	330.00	4722.75	16.17	-9.34	18.68	19.62	19.62	0.00	0.00	
4750.00	25.51	330.00	4745.75	24.65	-14.23	28.46	19.62	19.62	0.00	0.00	
4775.00	30.41	330.00	4767.82	34.80	-20.09	40.18	19.62	19.62	0.00	0.00	
4800.00	35.32	330.00	4788.81	46.54	-26.87	53.74	19.62	19.62	0.00	0.00	
4825.00	40.22	330.00	4808.57	59.80	-34.53	69.05	19.62	19.62	0.00	0.00	
4850.00	45.13	330.00	4826.94	74.47	-43.00	85.99	19.62	19.62	0.00	0.00	
4875.00	50.04	330.00	4843.80	90.45	-52.22	104.45	19.62	19.62	0.00	0.00	
4900.00	54.94	330.00	4859.02	107.62	-62.14	124.27	19.62	19.62	0.00	0.00	
4925.00	59.85	330.00	4872.49	125.85	-72.66	145.32	19.62	19.62	0.00	0.00	
4950.00	64.75	330.00	4884.11	145.02	-83.73	167.45	19.62	19.62	0.00	0.00	
4975.00	69.66	330.00	4893.79	164.97	-95.25	190.49	19.62	19.62	0.00	0.00	
5000.00	74.56	330.00	4901.47	185.57	-107.14	214.28	19.62	19.62	0.00	0.00	
5025.00	79.47	330.00	4907.08	206.66	-119.31	238.63	19.62	19.62	0.00	0.00	
5050.00	84.37	330.00	4910.59	228.09	-131.69	263.37	19.62	19.62	0.00	0.00	
5075.00	89.28	330.00	4911.98	249.70	-144.16	288.33	19.62	19.62	0.00	0.00	
5078.67	90.00	330.00	4912.00	252.88	-146.00	292.00	19.62	19.62	0.00	0.00	

Weatherford International, Inc.

Planning Report

Company: Burnett Oil Company	Date: 9/29/2003	Time: 10:43:42	Page: 2
Field: Field 1	Co-ordinate(NE) Reference:	Well: Jackson A #20, Grid North	
Site: Jackson	Vertical (TVD) Reference:	System: Mean Sea Level	
Well: Jackson A #20	Section (VS) Reference:	Well (0.00N,0.00E,330.00Azi)	
Wellpath: 1	Plan:	1	

Section 1 : Start Build 19.62

MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	TFO

Section 2 : Start Build 0.26

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5100.00	90.06	330.00	4911.99	271.35	-156.66	313.33	0.26	0.26	0.00	0.00
5200.00	90.32	330.00	4911.67	357.95	-206.66	413.33	0.26	0.26	0.00	0.00
5300.00	90.58	330.00	4910.89	444.55	-256.66	513.32	0.26	0.26	0.00	0.00
5400.00	90.84	330.00	4909.65	531.15	-306.66	613.32	0.26	0.26	0.00	0.00
5500.00	91.10	330.00	4907.96	617.74	-356.65	713.30	0.26	0.26	0.00	0.00
5600.00	91.36	330.00	4905.82	704.32	-406.64	813.28	0.26	0.26	0.00	0.00
5700.00	91.62	330.00	4903.22	790.89	-456.62	913.24	0.26	0.26	0.00	0.00
5800.00	91.88	330.00	4900.16	877.46	-506.60	1013.20	0.26	0.26	0.00	0.00
5900.00	92.14	330.00	4896.65	964.00	-556.57	1113.14	0.26	0.26	0.00	0.00
6000.00	92.40	330.00	4892.69	1050.54	-606.53	1213.06	0.26	0.26	0.00	0.00
6100.00	92.66	330.00	4888.27	1137.06	-656.48	1312.96	0.26	0.26	0.00	0.00
6200.00	92.92	330.00	4883.39	1223.56	-706.42	1412.84	0.26	0.26	0.00	0.00
6300.00	93.18	330.00	4878.06	1310.04	-756.35	1512.70	0.26	0.26	0.00	0.00
6400.00	93.45	330.00	4872.28	1396.49	-806.27	1612.53	0.26	0.26	0.00	0.00
6500.00	93.71	330.00	4866.04	1482.93	-856.17	1712.34	0.26	0.26	0.00	0.00
6600.00	93.97	330.00	4859.35	1569.34	-906.06	1812.11	0.26	0.26	0.00	0.00
6700.00	94.23	330.00	4852.21	1655.72	-955.93	1911.86	0.26	0.26	0.00	0.00
6800.00	94.49	330.00	4844.61	1742.07	-1005.78	2011.57	0.26	0.26	0.00	0.00
6900.00	94.75	330.00	4836.56	1828.39	-1055.62	2111.24	0.26	0.26	0.00	0.00
6989.08	94.98	330.00	4829.00	1905.26	-1100.00	2200.00	0.26	0.26	0.00	0.00

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
4620.00	0.00	330.00	4620.00	0.00	0.00	0.00	0.00	0.00	0.00	
4625.00	0.98	330.00	4625.00	0.04	-0.02	0.04	19.62	19.62	0.00	
4650.00	5.89	330.00	4649.95	1.33	-0.77	1.54	19.62	19.62	0.00	
4675.00	10.79	330.00	4674.68	4.47	-2.58	5.16	19.62	19.62	0.00	
4700.00	15.70	330.00	4699.00	9.43	-5.45	10.89	19.62	19.62	0.00	
4725.00	20.60	330.00	4722.75	16.17	-9.34	18.68	19.62	19.62	0.00	
4750.00	25.51	330.00	4745.75	24.65	-14.23	28.46	19.62	19.62	0.00	
4775.00	30.41	330.00	4767.82	34.80	-20.09	40.18	19.62	19.62	0.00	
4800.00	35.32	330.00	4788.81	46.54	-26.87	53.74	19.62	19.62	0.00	
4825.00	40.22	330.00	4808.57	59.80	-34.53	69.05	19.62	19.62	0.00	
4850.00	45.13	330.00	4826.94	74.47	-43.00	85.99	19.62	19.62	0.00	
4875.00	50.04	330.00	4843.80	90.45	-52.22	104.45	19.62	19.62	0.00	
4900.00	54.94	330.00	4859.02	107.62	-62.14	124.27	19.62	19.62	0.00	
4925.00	59.85	330.00	4872.49	125.85	-72.66	145.32	19.62	19.62	0.00	
4950.00	64.75	330.00	4884.11	145.02	-83.73	167.45	19.62	19.62	0.00	
4975.00	69.66	330.00	4893.79	164.97	-95.25	190.49	19.62	19.62	0.00	
5000.00	74.56	330.00	4901.47	185.57	-107.14	214.28	19.62	19.62	0.00	
5025.00	79.47	330.00	4907.08	206.66	-119.31	238.63	19.62	19.62	0.00	
5050.00	84.37	330.00	4910.59	228.09	-131.69	263.37	19.62	19.62	0.00	
5075.00	89.28	330.00	4911.98	249.70	-144.16	288.33	19.62	19.62	0.00	
5078.67	90.00	330.00	4912.00	252.88	-146.00	292.00	19.62	19.62	0.00	
5100.00	90.06	330.00	4911.99	271.35	-156.66	313.33	0.26	0.26	0.00	
5200.00	90.32	330.00	4911.67	357.95	-206.66	413.33	0.26	0.26	0.00	
5300.00	90.58	330.00	4910.89	444.55	-256.66	513.32	0.26	0.26	0.00	
5400.00	90.84	330.00	4909.65	531.15	-306.66	613.32	0.26	0.26	0.00	
5500.00	91.10	330.00	4907.96	617.74	-356.65	713.30	0.26	0.26	0.00	
5600.00	91.36	330.00	4905.82	704.32	-406.64	813.28	0.26	0.26	0.00	
5700.00	91.62	330.00	4903.22	790.89	-456.62	913.24	0.26	0.26	0.00	

Weatherford International, Inc.

Planning Report

Company: Burnett Oil Company
 Field: Field 1
 Site: Jackson
 Well: Jackson A #20
 Wellpath: 1

Date: 9/29/2003 Time: 10:43:42 Page: 3
 Co-ordinate(NE) Reference: Well: Jackson A #20, Grid North
 Vertical (TVD) Reference: System: Mean Sea Level
 Section (VS) Reference: Well (0.00N,0.00E,330.00Azi)
 Plan: 1

Survey

MD ft	Incl deg	Azimuth deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
5800.00	91.88	330.00	4900.16	877.46	-506.60	1013.20	0.26	0.26	0.00	
5900.00	92.14	330.00	4896.65	964.00	-556.57	1113.14	0.26	0.26	0.00	
6000.00	92.40	330.00	4892.69	1050.54	-606.53	1213.06	0.26	0.26	0.00	
6100.00	92.66	330.00	4888.27	1137.06	-656.48	1312.96	0.26	0.26	0.00	
6200.00	92.92	330.00	4883.39	1223.56	-706.42	1412.84	0.26	0.26	0.00	
6300.00	93.18	330.00	4878.06	1310.04	-756.35	1512.70	0.26	0.26	0.00	
6400.00	93.45	330.00	4872.28	1396.49	-806.27	1612.53	0.26	0.26	0.00	
6500.00	93.71	330.00	4866.04	1482.93	-856.17	1712.34	0.26	0.26	0.00	
6600.00	93.97	330.00	4859.35	1569.34	-906.06	1812.11	0.26	0.26	0.00	
6700.00	94.23	330.00	4852.21	1655.72	-955.93	1911.86	0.26	0.26	0.00	
6800.00	94.49	330.00	4844.61	1742.07	-1005.78	2011.57	0.26	0.26	0.00	
6900.00	94.75	330.00	4836.56	1828.39	-1055.62	2111.24	0.26	0.26	0.00	
6989.08	94.98	330.00	4829.00	1905.26	-1100.00	2200.00	0.26	0.26	0.00	