

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

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.)		WELL API NO. 30-045-11827
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator HILCORP ENERGY COMPANY		6. State Oil & Gas Lease No. FEE
3. Address of Operator 382 Road 3100, Aztec, NM 87410		7. Lease Name or Unit Agreement Name HUBBARD COM
4. Well Location Unit Letter <u>I</u> <u>1650</u> feet from the <u>South</u> line and <u>990</u> feet from the <u>East</u> line Section <u>25</u> Township <u>32N</u> Range <u>12W</u> NMPM San Juan County		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6378'		9. OGRID Number 372171
		10. Pool name or Wildcat Basin Dakota

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>	RECOMPLETION <input type="checkbox"/>	OTHER: <input checked="" type="checkbox"/>	BHL – Record Clean Up

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

Through file review, it was determined that a gyro survey was never ran to determine the correct BHL. Attached please find the gyro survey ran on 7/8/2019. Please update records to reflect this well as a **directional** well with the following BHL: Unit Letter I, Sec 25, T32N, R12W, 1540' FSL & 1212' FEL.

Provide Lat & Long for BHL

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Priscilla Shorty TITLE Operations Regulatory Technician Sr. DATE 7/15/2019

Type or print name Priscilla Shorty E-mail address: pshorty@hilcorp.com PHONE: 505-324-5188

For State Use Only

APPROVED BY: [Signature] TITLE SUPERVISOR DISTRICT #3 DATE 8/1/19

Conditions of Approval (if any):

FV

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District I

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State of New Mexico
Energy, Minerals and Natural
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Oil Conservation Division
1220 S. St Francis Dr.
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Form C-102
August 1, 2011

Permit 263827

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-11827	2. Pool Code 71599	3. Pool Name BASIN DAKOTA (PRORATED GAS)
4. Property Code 319031	5. Property Name HUBBARD COM	6. Well No. 001
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6378

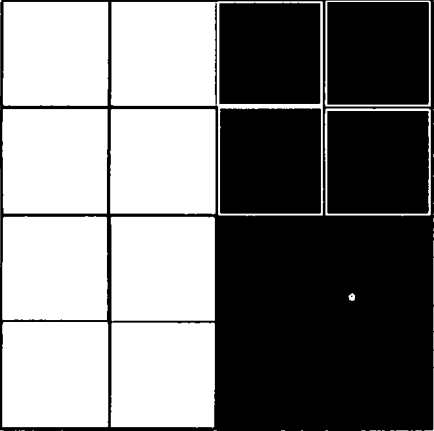
10. Surface Location

UL - Lot I	Section 25	Township 32N	Range 12W	Lot Idn	Feet From 1650	N/S Line S	Feet From 990	E/W Line E	County SAN JUAN
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11. Bottom Hole Location If Different From Surface

UL - Lot I	Section 25	Township 32N	Range 12W	Lot Idn	Feet From 1540	N/S Line S	Feet From 1212	E/W Line E	County SAN JUAN
12. Dedicated Acres 320.00			13. Joint or Infill		14. Consolidation Code			15. Order No.	

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

	<p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>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(s) 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.</i></p> <p>E-Signed By: <i>Priscilla Shorty</i> Title: Operations Regulatory Technician - Sr. Date: 2/15/2019</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Surveyed By: Robert Ernst Date of Survey: 9/7/1966 Certificate Number: 2463</p>
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
August 1, 2011

Permit 263827

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-11827	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 319031	5. Property Name HUBBARD COM	6. Well No. 001
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6378

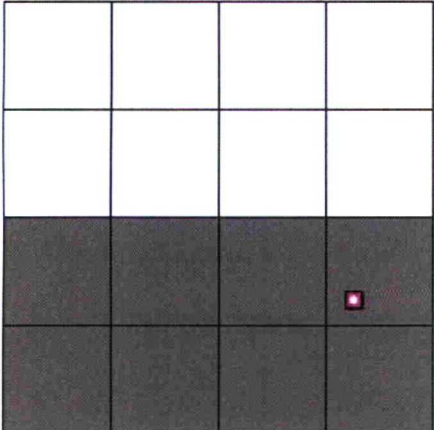
10. Surface Location

UL - Lot I	Section 25	Township 32N	Range 12W	Lot Idn	Feet From 1650	N/S Line S	Feet From 990	E/W Line E	County SAN JUAN
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NMOC

JUL 17 2019

DISTRICT III



DIRECTIONAL DRILLING SPECIALISTS

Directional Survey Certification

Survey Company:	Native Navigation	Survey Company Job #:	19072354				
Well Name:	Hubbard Com #001	A.P.I.#:	30-045-11827	Operator:	Hilcorp Energy Co		
Latitude:	36.953663	Longitude:	-108.041466	County, State:	San Juan County, NM		
Legal Description (S,TS,R):	I, 25, 32N, 12W						
Final Report	7/15/2019	Date of First Survey:	7/8/2019	Date of Last Survey:	7/8/2019		
Datum:	NAD 83	Survey MD From:	100.00	To:	7624 FT.	Tool Type:	FOG
Bit to Sensor:	0 FT.	Rig (Company & Number):	BW 103	RKB Height:	15.00		
Ground Elevation:	6381.00	Northings:	2166529.45 FT.	Eastings:	2662278.40 FT.		
Surveyor:	Jacob/Webber	Depth of Final Projection:	7624 FT.				

The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Native Navigation. I am authorized and qualified to review the data, calculations and this report, and that the report represents a true and correct Directional Survey of this well, based on the original data corrected to True North and obtained at the well site. Wellbore coordinates are calculated using the minimum curvature method.

Signature

Well Planner

Title

Native Navigation

Company

7/15/19

Date

+N/-S	+E/-W	Northing	Ground Level Easting	6381.00 Latitude	Longitude	Slot
0.00	0.00	2166529.446	2662278.398	36.953663	-108.041466	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Hubbard Com #001, True North
Vertical (TVD) Reference: RKB @ 6396.00ft
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: RKB @ 6396.00ft
Calculation Method: Minimum Curvature

PROJECT DETAILS: San Juan County

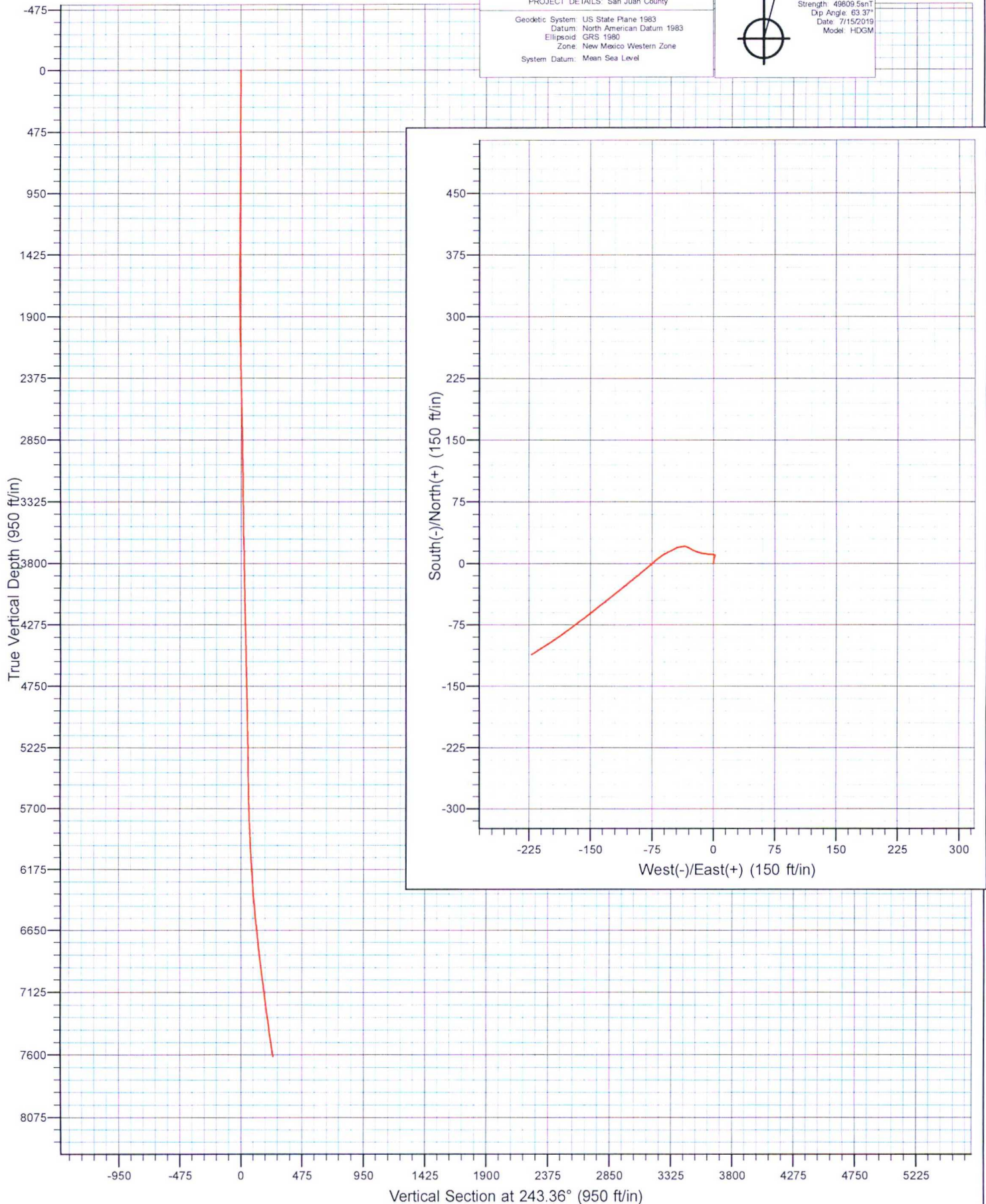
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Western Zone
System Datum: Mean Sea Level



Azimuths to True North
Magnetic North: 8.88°

Magnetic Field
Strength: 49809.5nT
Dip Angle: 63.37°
Date: 7/15/2019
Model: HDGM

NATIVE
NAVIGATION



Hilcorp

San Juan County
Hubbard Com #001
Hubbard Com #001

Hubbard Com #001

Design: Hubbard Com #001

Survey Report - Geographic

15 July, 2019



DIRECTIONAL DRILLING SPECIALISTS

Survey Report - Geographic



Company:	Hilcorp	Local Co-ordinate Reference:	Well Hubbard Com #001
Project:	San Juan County	TVD Reference:	RKB @ 6396.00ft
Site:	Hubbard Com #001	MD Reference:	RKB @ 6396.00ft
Well:	Hubbard Com #001	North Reference:	True
Wellbore:	Hubbard Com #001	Survey Calculation Method:	Minimum Curvature
Design:	Hubbard Com #001	Database:	Compass DB

Project	San Juan County		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	Hubbard Com #001				
Site Position:		Northing:	2,166,529.446 usft	Latitude:	36.953663
From:	Lat/Long	Easting:	2,662,278.398 usft	Longitude:	-108.041466
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	-0.13 °

Well	Hubbard Com #001					
Well Position	+N/-S	0.00 ft	Northing:	2,166,529.446 usft	Latitude:	36.953663
	+E/-W	0.00 ft	Easting:	2,662,278.398 usft	Longitude:	-108.041466
Position Uncertainty		0.00 ft	Wellhead Elevation:	6,381.00 ft	Ground Level:	6,381.00 ft

Wellbore	Hubbard Com #001				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	7/15/2019	8.88	63.37	49,810

Design	Hubbard Com #001				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	243.36	

Survey Program	Date 7/15/2019			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
100.00	7,624.02	Hubbard Com #001 Gyro Svys (Hubbard C	GYRO-NS	OWSG Gyrocompass Gyro

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	2,166,529.446	2,662,278.398	36.953663	-108.041466
100.00	0.30	12.98	100.00	0.26	0.06	2,166,529.701	2,662,278.457	36.953664	-108.041466
600.00	0.70	5.39	599.98	4.57	0.64	2,166,534.016	2,662,279.047	36.953676	-108.041464
1,100.00	0.25	68.55	1,099.96	8.01	1.94	2,166,537.453	2,662,280.357	36.953685	-108.041459
1,600.00	0.44	335.02	1,599.96	10.15	2.15	2,166,539.592	2,662,280.566	36.953691	-108.041459
2,100.00	0.66	258.24	2,099.94	11.30	-1.48	2,166,540.753	2,662,276.939	36.953694	-108.041471
2,600.00	1.96	280.66	2,599.80	12.30	-12.71	2,166,541.773	2,662,265.718	36.953697	-108.041510
3,100.00	1.26	301.78	3,099.60	16.78	-25.78	2,166,546.278	2,662,252.652	36.953709	-108.041554
3,600.00	1.05	287.30	3,599.50	21.03	-34.83	2,166,550.555	2,662,243.614	36.953721	-108.041585
4,100.00	1.29	240.42	4,099.41	19.62	-44.10	2,166,549.160	2,662,234.342	36.953717	-108.041617
4,600.00	1.02	244.09	4,599.31	14.89	-53.00	2,166,544.456	2,662,225.434	36.953704	-108.041647
5,100.00	1.01	243.60	5,099.23	10.99	-60.95	2,166,540.570	2,662,217.475	36.953693	-108.041675

Survey Report - Geographic



Company:	Hilcorp	Local Co-ordinate Reference:	Well Hubbard Com #001
Project:	San Juan County	TVD Reference:	RKB @ 6396.00ft
Site:	Hubbard Com #001	MD Reference:	RKB @ 6396.00ft
Well:	Hubbard Com #001	North Reference:	True
Wellbore:	Hubbard Com #001	Survey Calculation Method:	Minimum Curvature
Design:	Hubbard Com #001	Database:	Compass DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,600.00	1.32	226.88	5,599.13	5.09	-69.10	2,166,534.691	2,662,209.311	36.953677	-108.041703
6,100.00	3.52	230.03	6,098.65	-8.70	-85.07	2,166,520.928	2,662,193.312	36.953639	-108.041757
6,600.00	5.55	231.24	6,597.06	-33.70	-115.69	2,166,495.995	2,662,162.637	36.953570	-108.041862
7,100.00	7.79	232.37	7,093.64	-69.54	-161.38	2,166,460.264	2,662,116.863	36.953472	-108.042018
7,600.00	8.39	237.89	7,588.67	-109.61	-219.12	2,166,420.310	2,662,059.041	36.953362	-108.042216
7,624.02	8.31	239.92	7,612.44	-111.42	-222.10	2,166,418.516	2,662,056.050	36.953357	-108.042226

Checked By: _____ Approved By: _____ Date: _____