

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs
HOBBS OCD

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

DEC 30 2013

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

RECEIVED

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NMNM127894
2. Name of Operator CIMAREX ENERGY COMPANY		6. If Indian, Allottee or Tribe Name
Contact: DEYSI FAVELA E-Mail: dfavela@cimarex.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 600 NORTH MARIENFELD STREET STE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-620-1964	8. Well Name and No. DIAMONDTAIL 23 FEDERAL 2H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T23S R32E NWNW 330FNL 750FWL	10. Field and Pool, or Exploratory DIAMONDTAIL; BONE SPRING	9. API Well No. 30-025-40781
		11. County or Parish, and State LEA COUNTY, NM

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	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	PD

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.)

Cimarex Energy respectfully requests changes to the original APD:

Approved:
BHL 330 FSL & 990 FWL
KOP 9198'
EOC 9947'
MD 14096'
TVD 9675'

Change to:
BHL 330 FSL & 1470 FWL
KOP 8981'

CDAs from 10/30/2013 still stand.

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #228130 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Hobbs Committed to AFMSS for processing by JOHNNY DICKERSON on 12/05/2013 ()	
Name (Printed/Typed) DEYSI FAVELA	Title DRILLING TECHNICIAN
Signature (Electronic Submission)	Date 11/26/2013
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By	Title
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 and Title 43 U.S.C. Section 1212, make 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.	

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

DEC 31 2013

DISTRICT I
1026 N. French Dr., Hobbs, NM 88240
Phone (505) 593-0101 Fax (505) 593-0102

DISTRICT II
511 S. First St., Artesia, NM 88210
Phone (505) 748-1883 Fax (505) 748-0120

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 834-0178 Fax (505) 834-0170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 478-0160 Fax (505) 478-0160

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-40781	Pool Code	Pool Name Wildcat Bone Spring
Property Code	Property Name DIAMONDTAIL 23 FEDERAL	Well Number 2
OGRID No. 162683	Operator Name CIMAREX ENERGY CO.	Elevation 3706'

Surface Location

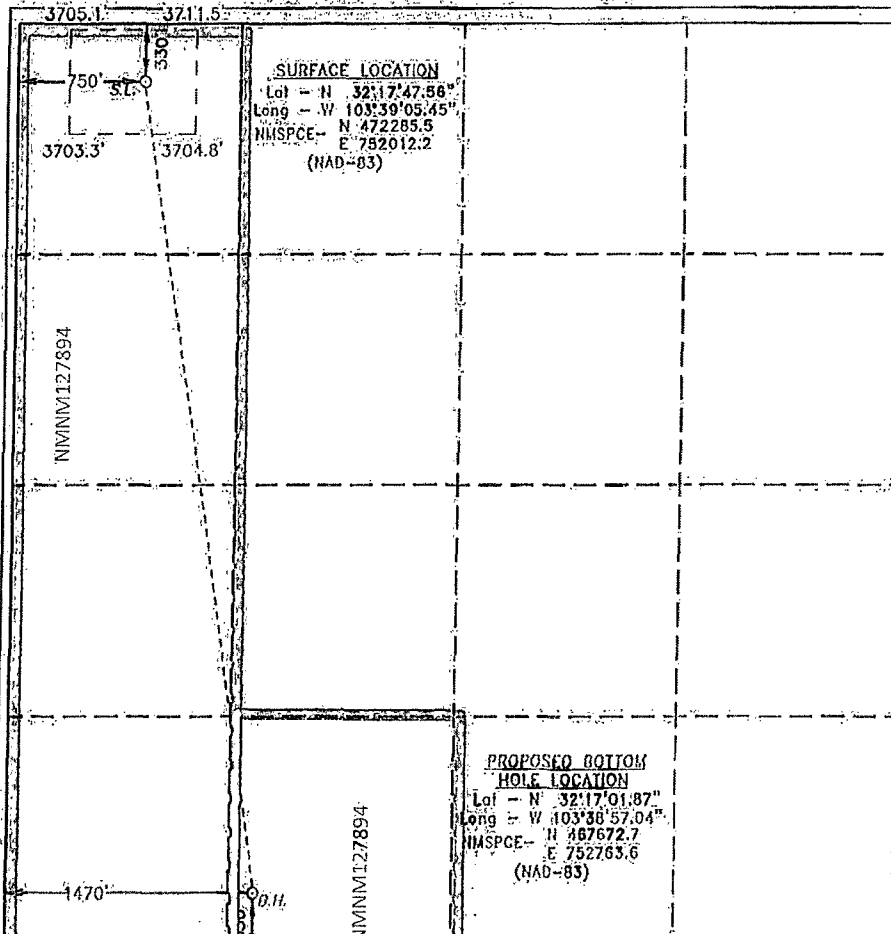
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	23	23 S	32 E		330	NORTH	750	WEST	LEA

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
N	23	23 S	32 E		330	SOUTH	1470	WEST	LEA

Dedicated Acres 160 280	Joint or Infill	Consolidation Code	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

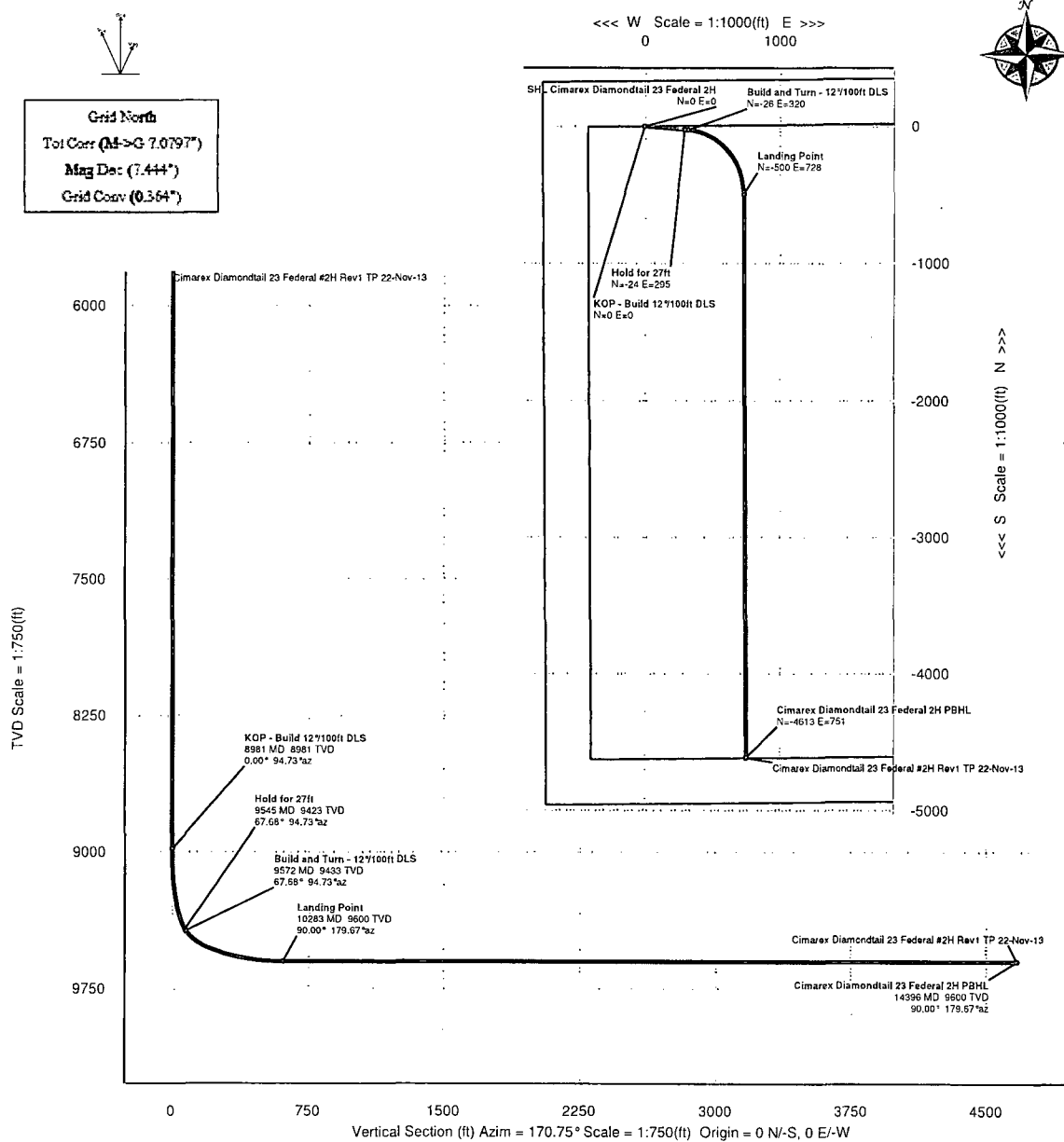
	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location, or has a right to 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: <i>Deysi Favela</i> Date: 11/26/2013 Printed Name: Deysi Favela Email Address: dfavela@cimarex.com 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 Surveyed: FEBRUARY 19, 2012 Signature & Seal of Professional Surveyor: <i>[Signature]</i> Certificate No. Gary L. Jones 7977 Basin Surveys 26192
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Cimarex

PATHFINDER
A Schlumberger Company

WELL	Diamondtail 23 Federal #2H		FIELD	NM Lea County		STRUCTURE	Scandril Eagle	
Mapsheet Parameters	Model	BGM 2013	Dip	60.165°	Date	November 21, 2013	Surface Location	NAD83 New Mexico State Plane, Eastern Zone, US Feet
	Mag Dec	7.444°					Lat: N 32 17 47.563	Northing: 47285.57 NUS
							Long: W 102 39 5.453	Eastng: 752012.25 NUS
								Grid Conv: 0.264°
								Scale Fact: 0.99999992
Mapsheet Parameters	Sheet	Cimarex Diamondtail 23 Federal #2H	Plan	Rev1 TP 22-Nov-13	Sheet Date	November 01, 2013	Mapsheet Parameters	Sheet
								Plan



Critical Points

Critical Point MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
SHL Cimarex Diamondtail 23 Federal 2H	0.00	94.73	0.00	0.00	0.00	0.00	
KOP - Build 12°/100ft DLS	8981.00	0.00	94.73	8981.00	0.00	0.00	0.00
Hold for 27ft	9544.98	67.68	94.73	9422.68	71.52	-24.40	295.11
Build and Turn - 12°/100ft DLS	9571.79	67.68	94.73	9432.87	77.52	-26.44	319.82
Landing Point	10282.85	90.00	179.67	9600.00	610.54	-500.00	728.00
Cimarex Diamondtail 23 Federal 2H PBHL	14395.91	90.00	179.67	9600.00	4673.80	-4612.99	751.43



Cimarex Diamondtail 23 Federal #2H Rev1 TP 22-Nov-13 Proposal Report
100' Interpolated
(Non-Def Plan)



Report Date: November 25, 2013 - 10:49 AM
Client: Cimarex
Field: NM Lea County (NAD 83)
Structure / Slot: Scandril Eagle / Cimarex Diamondtail 23 Federal #2H
Well: Cimarex Diamondtail 23 Federal #2H
Borehole: Original Borehole
UWI / API#: Unknown / Unknown
Survey Name: Cimarex Diamondtail 23 Federal #2H Rev1 TP 22-Nov-13
Survey Date: November 01, 2013
Tort / AHD / DDI / ERD Ratio: 153.004 ° / 5119.946 ft / 6.070 / 0.533
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 17' 47.56265", W 103° 39' 5.45298"
Location Grid N/E Y/X: N 472285.500 ftUS, E 752012.200 ftUS
CRS Grid Convergence Angle: 0.3643 °
Grid Scale Factor: 0.99995992

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 170.748 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3731.000 ft above MSL
Seabed / Ground Elevation: 3706.000 ft above MSL
Magnetic Declination: 7.444 °
Total Gravity Field Strength: 998.4636mgn (9.80665 Based)
Total Magnetic Field Strength: 48396.623 nT
Magnetic Dip Angle: 60.169 °
Declination Date: November 01, 2013
Magnetic Declination Model: BGGM 2013
North Reference: Grid North
Grid Convergence Used: 0.3643 °
Total Corr Mag North->Grid North: 7.0797 °
Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	Closure (ft)	Closure Azimuth (°)	DLS ("/100ft)
SHL Cimarex Diamondtail 23 Federal 2H	0.00	0.00	94.73	0.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	N/A
	100.00	0.00	94.73	100.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	200.00	0.00	94.73	200.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	300.00	0.00	94.73	300.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	400.00	0.00	94.73	400.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	500.00	0.00	94.73	500.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	600.00	0.00	94.73	600.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	700.00	0.00	94.73	700.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	800.00	0.00	94.73	800.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	900.00	0.00	94.73	900.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	1000.00	0.00	94.73	1000.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	1100.00	0.00	94.73	1100.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	1200.00	0.00	94.73	1200.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	1300.00	0.00	94.73	1300.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	1400.00	0.00	94.73	1400.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	1500.00	0.00	94.73	1500.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	1600.00	0.00	94.73	1600.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	1700.00	0.00	94.73	1700.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	1800.00	0.00	94.73	1800.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	1900.00	0.00	94.73	1900.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	2000.00	0.00	94.73	2000.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	2100.00	0.00	94.73	2100.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	2200.00	0.00	94.73	2200.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	2300.00	0.00	94.73	2300.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	2400.00	0.00	94.73	2400.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	2500.00	0.00	94.73	2500.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	2600.00	0.00	94.73	2600.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	2700.00	0.00	94.73	2700.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)
	8300.00	0.00	94.73	8300.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	8400.00	0.00	94.73	8400.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	8500.00	0.00	94.73	8500.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	8600.00	0.00	94.73	8600.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	8700.00	0.00	94.73	8700.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	8800.00	0.00	94.73	8800.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	8900.00	0.00	94.73	8900.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
KOP - Build 12°/100ft DLS	8981.00	0.00	94.73	8981.00	0.00	0.00	0.00	472285.50	752012.20	N 32 17 47.56	W 103 39 5.45	0.00	0.00	0.00
	9000.00	2.28	94.73	8999.99	0.09	-0.03	0.38	472285.47	752012.58	N 32 17 47.56	W 103 39 5.45	0.38	94.73	12.00
	9100.00	14.28	94.73	9098.77	3.56	-1.22	14.70	472284.28	752026.90	N 32 17 47.55	W 103 39 5.28	14.75	94.73	12.00
	9200.00	26.28	94.73	9192.40	11.92	-4.07	49.18	472281.43	752061.38	N 32 17 47.52	W 103 39 4.88	49.35	94.73	12.00
	9300.00	38.28	94.73	9276.79	24.80	-8.46	102.31	472277.04	752114.51	N 32 17 47.47	W 103 39 4.26	102.66	94.73	12.00
	9400.00	50.28	94.73	9348.25	41.63	-14.20	171.76	472271.30	752183.95	N 32 17 47.41	W 103 39 3.45	172.35	94.73	12.00
	9500.00	62.28	94.73	9403.67	61.68	-21.04	254.50	472264.46	752266.69	N 32 17 47.34	W 103 39 2.49	255.37	94.73	12.00
Hold for 27ft Build and Turn - 12°/100ft DLS	9544.98	67.68	94.73	9422.68	71.52	-24.40	295.11	472261.10	752307.29	N 32 17 47.30	W 103 39 2.02	296.11	94.73	12.00
	9571.79	67.68	94.73	9432.87	77.52	-26.44	319.82	472259.06	752332.01	N 32 17 47.28	W 103 39 1.73	320.91	94.73	0.00
	9600.00	67.83	98.38	9443.55	84.63	-29.42	345.76	472256.08	752357.94	N 32 17 47.25	W 103 39 1.43	347.01	94.86	12.00
	9700.00	69.02	111.22	9480.45	122.47	-53.16	435.42	472232.35	752447.60	N 32 17 47.01	W 103 39 0.38	438.65	96.96	12.00
	9800.00	71.16	123.79	9514.62	178.65	-96.53	518.57	472188.97	752530.75	N 32 17 46.57	W 103 38 59.42	527.48	100.54	12.00
	9900.00	74.11	135.98	9544.57	250.71	-157.65	591.58	472127.86	752603.76	N 32 17 45.97	W 103 38 58.57	612.23	104.92	12.00
	10000.00	77.71	147.78	9569.00	335.51	-233.84	651.26	472051.67	752663.44	N 32 17 45.21	W 103 38 57.88	691.97	109.75	12.00
	10100.00	81.81	159.25	9586.82	429.33	-321.77	695.01	471963.74	752707.18	N 32 17 44.33	W 103 38 57.38	765.88	114.84	12.00
Landing Point	10200.00	86.23	170.47	9597.27	528.08	-417.61	720.90	471867.91	752733.07	N 32 17 43.39	W 103 38 57.09	833.12	120.08	12.00
	10282.85	90.00	179.67	9600.00	610.54	-500.00	728.00	471785.52	752740.17	N 32 17 42.57	W 103 38 57.01	883.17	124.48	12.00
	10300.00	90.00	179.67	9600.00	627.48	-517.15	728.10	471768.37	752740.27	N 32 17 42.40	W 103 38 57.01	893.07	125.39	0.00
	10400.00	90.00	179.67	9600.00	726.27	-617.15	728.67	471668.38	752740.84	N 32 17 41.41	W 103 38 57.01	954.90	130.26	0.00
	10500.00	90.00	179.67	9600.00	825.06	-717.15	729.24	471568.38	752741.41	N 32 17 40.42	W 103 38 57.01	1022.79	134.52	0.00
	10600.00	90.00	179.67	9600.00	923.85	-817.15	729.81	471468.39	752741.98	N 32 17 39.43	W 103 38 57.01	1095.60	138.23	0.00
	10700.00	90.00	179.67	9600.00	1022.64	-917.15	730.38	471368.39	752742.55	N 32 17 38.44	W 103 38 57.01	1172.44	141.47	0.00
	10800.00	90.00	179.67	9600.00	1121.43	-1017.14	730.95	471268.40	752743.12	N 32 17 37.45	W 103 38 57.01	1252.54	144.30	0.00
	10900.00	90.00	179.67	9600.00	1220.22	-1117.14	731.52	471168.40	752743.69	N 32 17 36.46	W 103 38 57.01	1335.34	146.78	0.00
	11000.00	90.00	179.67	9600.00	1319.01	-1217.14	732.09	471068.41	752744.25	N 32 17 35.47	W 103 38 57.01	1420.35	148.97	0.00
	11100.00	90.00	179.67	9600.00	1417.80	-1317.14	732.66	470968.42	752744.82	N 32 17 34.48	W 103 38 57.02	1507.20	150.92	0.00
	11200.00	90.00	179.67	9600.00	1516.59	-1417.14	733.22	470868.42	752745.39	N 32 17 33.49	W 103 38 57.02	1595.59	152.64	0.00
	11300.00	90.00	179.67	9600.00	1615.38	-1517.14	733.79	470768.43	752745.96	N 32 17 32.50	W 103 38 57.02	1685.28	154.19	0.00
	11400.00	90.00	179.67	9600.00	1714.16	-1617.13	734.36	470668.43	752746.53	N 32 17 31.52	W 103 38 57.02	1776.07	155.58	0.00
	11500.00	90.00	179.67	9600.00	1812.95	-1717.13	734.93	470568.44	752747.10	N 32 17 30.53	W 103 38 57.02	1867.80	156.83	0.00
	11600.00	90.00	179.67	9600.00	1911.74	-1817.13	735.50	470468.45	752747.67	N 32 17 29.54	W 103 38 57.02	1960.34	157.96	0.00
	11700.00	90.00	179.67	9600.00	2010.53	-1917.13	736.07	470368.45	752748.24	N 32 17 28.55	W 103 38 57.02	2053.58	159.00	0.00
	11800.00	90.00	179.67	9600.00	2109.32	-2017.13	736.64	470268.46	752748.81	N 32 17 27.56	W 103 38 57.02	2147.43	159.94	0.00
	11900.00	90.00	179.67	9600.00	2208.11	-2117.13	737.21	470168.46	752749.38	N 32 17 26.57	W 103 38 57.02	2241.81	160.80	0.00
	12000.00	90.00	179.67	9600.00	2306.90	-2217.12	737.78	470068.47	752749.95	N 32 17 25.58	W 103 38 57.02	2336.66	161.59	0.00
	12100.00	90.00	179.67	9600.00	2405.69	-2317.12	738.35	469968.47	752750.52	N 32 17 24.59	W 103 38 57.02	2431.92	162.33	0.00
	12200.00	90.00	179.67	9600.00	2504.48	-2417.12	738.92	469868.48	752751.09	N 32 17 23.60	W 103 38 57.02	2527.54	163.00	0.00
	12300.00	90.00	179.67	9600.00	2603.27	-2517.12	739.49	469768.49	752751.66	N 32 17 22.61	W 103 38 57.03	2623.50	163.63	0.00
	12400.00	90.00	179.67	9600.00	2702.06	-2617.12	740.06	469668.49	752752.23	N 32 17 21.62	W 103 38 57.03	2719.74	164.21	0.00
	12500.00	90.00	179.67	9600.00	2800.84	-2717.12	740.63	469568.50	752752.80	N 32 17 20.63	W 103 38 57.03	2816.25	164.75	0.00
	12600.00	90.00	179.67	9600.00	2899.63	-2817.11	741.20	469468.50	752753.37	N 32 17 19.64	W 103 38 57.03	2912.99	165.26	0.00
	12700.00	90.00	179.67	9600.00	2998.42	-2917.11	741.77	469368.51	752753.94	N 32 17 18.65	W 103 38 57.03	3009.95	165.73	0.00
	12800.00	90.00	179.67	9600.00	3097.21	-3017.11	742.34	469268.52	752754.51	N 32 17 17.66	W 103 38 57.03	3107.09	166.18	0.00
	12900.00	90.00	179.67	9600.00	3196.00	-3117.11	742.91	469168.52	752755.08	N 32 17 16.67	W 103 38 57.03	3204.42	166.59	0.00
	13000.00	90.00	179.67	9600.00	3294.79	-3217.11	743.48	469068.53	752755.65	N 32 17 15.68	W 103 38 57.03	3301.90	166.99	0.00
	13100.00	90.00	179.67	9600.00	3393.58	-3317.11	744.05	468968.53	752756.22	N 32 17 14.69	W 103 38 57.03	3399.53	167.36	0.00