

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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 **Bold Energy, L.P.**

3a. Address
415 W. Wall, Ste. 500, Midland, TX 79701

3b. Phone No. (include area code)
432-686-1100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SL: 660' FNL & 660' FEL, Sec 33, T18S, R21E
BHL: 660' FNL & 660' FWL, Sec 33, T18S, R21E

5. Lease Serial No.

108920

6. If Indian, Allottee or Tribe Name

N/A

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

N/A

8. Well Name and No.

Hannah 33 Federal

9. API Well No.

4

10. Field and Pool, or Exploratory Area

Hope

11. County or Parish, State

Eddy, 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 BHL
	☒ 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 recompleate 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

CHANGE BOTTOM HOLE LOCATION FROM 660' FSL, 660' FEL TO NEW BOTTOM HOLE LOCATION:

660' FNL & 660' FWL, SEC 33, T18S, R21E



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Denise Menoud

Title

Regulatory Specialist

Signature

Denise Menoud

Date

09/05/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **/S/ DAVID R. GLASS**

PETROLEUM ENGINEER

Date

SEP 12 2006

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: **12**

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.

(Instructions on page 2)

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 and Natural Resources Department

Form C-102
Revised October 12, 2005

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

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RECEIVED
OCD - ARTESIA

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35087	Pool Code	Pool Name
Property Code	Property Name HANNAH "33" FEDERAL	Well Number 4
OGRID No. 233545	Operator Name BOLD ENERGY	Elevation 4264'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	33	18 S	21 E		660	NORTH	660	EAST	EDDY

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
D	33	18 S	21 E		660	NORTH	660	WEST	EDDY

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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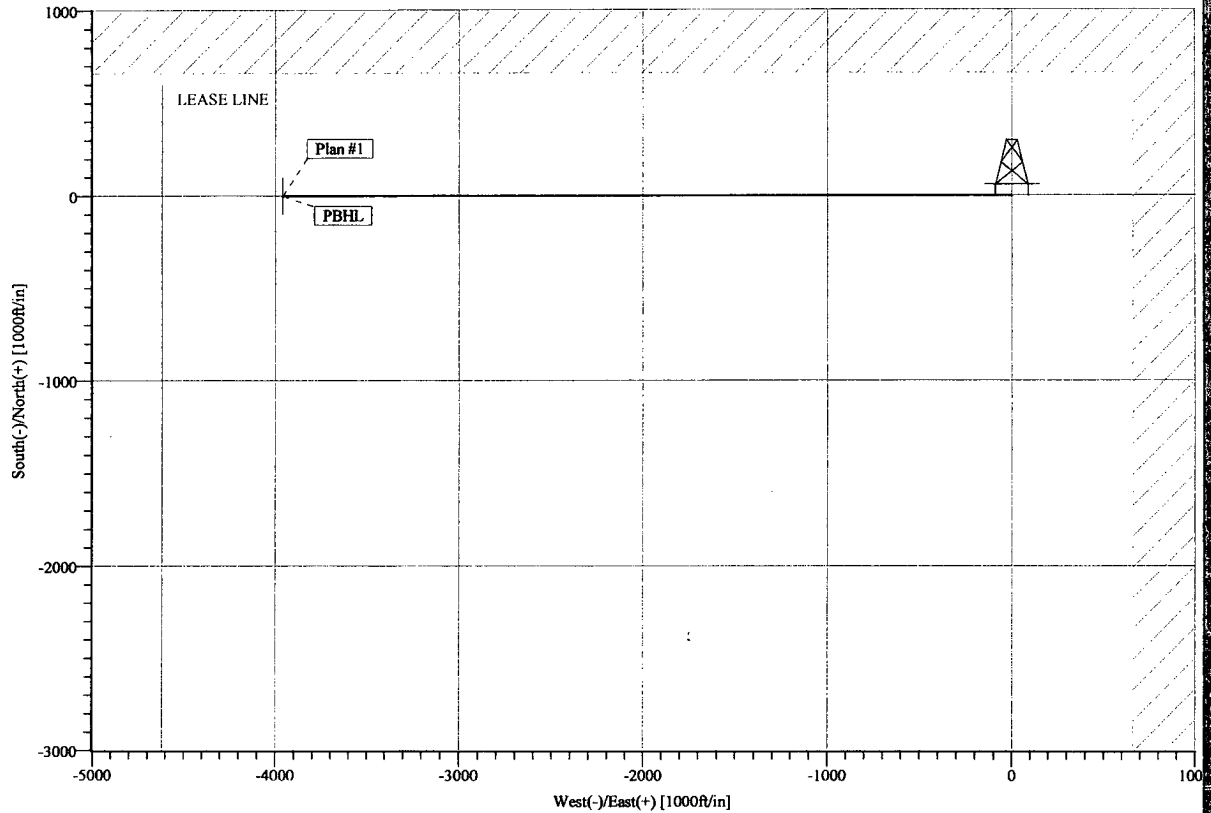
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

BOTTOM HOLE LOCATION LAT.: N32°42'34.4" LONG.: W104°48'20.9" (NAD-83) 320 ACRES SURFACE LOCATION LAT.: N32°42'34.4" LONG.: W104°47'34.6" (NAD-83)	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 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. 9/5/06 <i>Denise Menoud</i> Signature Date Denise Menoud, Agent for Bold Energy, LP Printed Name
	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. July 3, 2006 Date Surveyed Signature & Seal of Professional Surveyor 7977 Certificate No. Gary L. Jones 7977 BASIN SURVEYS



Drilling Systems, Inc.

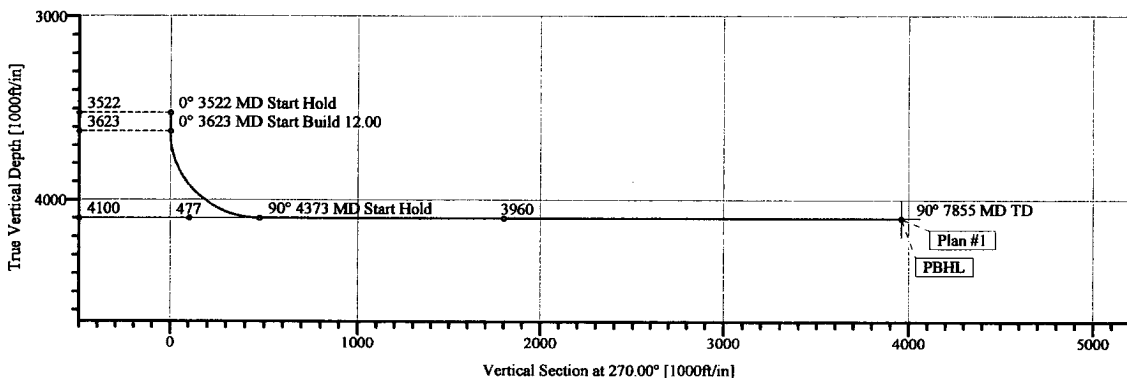
Bold Energy, LP
Hannah 33 Federal #40
Eddy County, New Mexico
Quote # 5514



WELL DETAILS									
Name	N/S	E/W	Northing	Easting	Latitude	Longitude	Slot		
Well #4	0.00	0.00	622175.34	399971.82	32°42'34.400N	104°47'34.600W	N/A		

SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	N/S	E/W	DLeg	T-Page	VSec - Target
1	3522.00	0.00	270.00	3522.00	0.00	0.00	0.00	0.00	0.00
2	3622.34	0.00	270.00	3622.34	0.00	0.00	0.00	0.00	0.00
3	4372.34	90.00	270.00	4100.00	0.00	477.46	12.00	270.00	477.46
4	7855.07	90.00	270.00	4100.00	0.00	3960.00	0.00	0.00	3960.00

TARGET DETAILS									
Name	TVD	N/S	E/W	Northing	Easting	Latitude	Longitude	Shape	
PBHL	4100.00	0.00	3960.00	622175.34	396011.82	32°42'34.228N	104°48'20.948W	Point	



Plot: Q5514.gp03
 Created By: MicroCam/Date: 06/07/2006
 Checked: _____ Date: _____
 Reviewed: _____ Date: _____
 Approved: _____ Date: _____

Leam Drilling Systems, Inc.

Well Planning Report

Company: Bold Energy, LP Field: Eddy County, NM (NAD-83) Site: Hannah "33" Federal #4 Well: Well #4 Wellpath: 1	Date: 8/30/2006 Time: 14:56:16 Page: 1 Co-ordinate(NE) Reference: Site: Hannah "33" Federal #4, Grid North Vertical (TVD) Reference: SITE 4264.0 Section (VS) Reference: Well (0.00N,0.00E,270.00Azi) Survey Calculation Method: Minimum Curvature Db: Adapti
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Field: Eddy County, NM (NAD-83)

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Site Centre
Geomagnetic Model: igrf200510

Site: Hannah "33" Federal #4

Site Position:	Northing:	Latitude:
From: Lease Line	Easting:	Longitude:
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 4264.00 ft		Grid Convergence: -0.25 deg

Well: Well #4

Slot Name:

Well Position:	Northing:	Latitude:
+N/-S 0.00 ft	622175.34 ft	32 42 34.400 N
+E/-W 0.00 ft	Easting : 399971.82 ft	Longitude: 104 47 34.600 W
Position Uncertainty: 0.00 ft		

Wellpath: 1

Current Datum: SITE	Height 4264.00 ft	Drilled From: Surface
Magnetic Data: 8/30/2006		Tie-on Depth: 0.00 ft
Field Strength: 49287 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)		Declination: 8.73 deg
ft	+N/-S ft	Mag Dip Angle: 60.54 deg
	+E/-W ft	Direction deg
0.00	0.00	270.00

Annotation

MD **TVD**

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	TFO deg	Target
3522.00	0.00	270.00	3522.00	0.00	0.00	0.00	0.00	0.00	0.00	
3622.54	0.00	270.00	3622.54	0.00	0.00	0.00	0.00	0.00	0.00	
4372.54	90.00	270.00	4100.00	0.00	-477.46	12.00	12.00	0.00	270.00	
7855.07	90.00	270.00	4100.00	0.00	-3960.00	0.00	0.00	0.00	0.00	PBHL

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	TFO deg
3522.00	0.00	270.00	3522.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3600.00	0.00	270.00	3600.00	0.00	0.00	0.00	0.00	0.00	0.00	270.00
3622.54	0.00	270.00	3622.54	0.00	0.00	0.00	0.00	0.00	0.00	270.00
3625.00	0.30	270.00	3625.00	0.00	-0.01	0.01	12.00	12.00	0.00	0.00
3650.00	3.30	270.00	3649.98	0.00	-0.79	0.79	12.00	12.00	0.00	0.00
3675.00	6.30	270.00	3674.89	0.00	-2.88	2.88	12.00	12.00	0.00	0.00
3700.00	9.30	270.00	3699.66	0.00	-6.27	6.27	12.00	12.00	0.00	0.00
3725.00	12.30	270.00	3724.22	0.00	-10.95	10.95	12.00	12.00	0.00	0.00
3750.00	15.30	270.00	3748.49	0.00	-16.91	16.91	12.00	12.00	0.00	0.00
3775.00	18.30	270.00	3772.42	0.00	-24.14	24.14	12.00	12.00	0.00	0.00
3800.00	21.30	270.00	3795.94	0.00	-32.60	32.60	12.00	12.00	0.00	0.00
3825.00	24.30	270.00	3818.99	0.00	-42.29	42.29	12.00	12.00	0.00	0.00
3850.00	27.30	270.00	3841.49	0.00	-53.17	53.17	12.00	12.00	0.00	0.00
3875.00	30.30	270.00	3863.40	0.00	-65.21	65.21	12.00	12.00	0.00	0.00
3900.00	33.30	270.00	3884.64	0.00	-78.38	78.38	12.00	12.00	0.00	0.00

Leam Drilling Systems, Inc.

Well Planning Report

Company: Bold Energy, LP
Field: Eddy County, NM (NAD-83)
Site: Hannah "33" Federal #4
Well: Well #4
Wellpath: 1

Date: 8/30/2006 **Time:** 14:56:16 **Page:** 2
Co-ordinate(NE) Reference: Site: Hannah "33" Federal #4, Grid North
Vertical (TVD) Reference: SITE 4264.0
Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)
Survey Calculation Method: Minimum Curvature **Db:** Adapti

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	TFO deg
3925.00	36.30	270.00	3905.17	0.00	-92.64	92.64	12.00	12.00	0.00	0.00
3950.00	39.30	270.00	3924.93	0.00	-107.96	107.96	12.00	12.00	0.00	0.00
3975.00	42.30	270.00	3943.85	0.00	-124.29	124.29	12.00	12.00	0.00	0.00
4000.00	45.30	270.00	3961.89	0.00	-141.59	141.59	12.00	12.00	0.00	0.00
4025.00	48.30	270.00	3979.01	0.00	-159.81	159.81	12.00	12.00	0.00	0.00
4050.00	51.30	270.00	3995.14	0.00	-178.91	178.91	12.00	12.00	0.00	0.00
4075.00	54.30	270.00	4010.26	0.00	-198.82	198.82	12.00	12.00	0.00	0.00
4100.00	57.30	270.00	4024.31	0.00	-219.49	219.49	12.00	12.00	0.00	0.00
4125.00	60.30	270.00	4037.26	0.00	-240.87	240.87	12.00	12.00	0.00	0.00
4150.00	63.30	270.00	4049.07	0.00	-262.90	262.90	12.00	12.00	0.00	0.00
4175.00	66.30	270.00	4059.72	0.00	-285.52	285.52	12.00	12.00	0.00	0.00
4200.00	69.30	270.00	4069.16	0.00	-308.66	308.66	12.00	12.00	0.00	0.00
4225.00	72.30	270.00	4077.39	0.00	-332.27	332.27	12.00	12.00	0.00	0.00
4250.00	75.30	270.00	4084.36	0.00	-356.27	356.27	12.00	12.00	0.00	0.00
4275.00	78.30	270.00	4090.07	0.00	-380.61	380.61	12.00	12.00	0.00	0.00
4300.00	81.30	270.00	4094.50	0.00	-405.21	405.21	12.00	12.00	0.00	0.00
4325.00	84.30	270.00	4097.64	0.00	-430.01	430.01	12.00	12.00	0.00	0.00
4350.00	87.30	270.00	4099.47	0.00	-454.94	454.94	12.00	12.00	0.00	0.00
4372.54	90.00	270.00	4100.00	0.00	-477.46	477.46	12.00	12.00	0.00	0.00
4400.00	90.00	270.00	4100.00	0.00	-504.93	504.93	0.00	0.00	0.00	0.00
4500.00	90.00	270.00	4100.00	0.00	-604.93	604.93	0.00	0.00	0.00	0.00
4600.00	90.00	270.00	4100.00	0.00	-704.93	704.93	0.00	0.00	0.00	0.00
4700.00	90.00	270.00	4100.00	0.00	-804.93	804.93	0.00	0.00	0.00	0.00
4800.00	90.00	270.00	4100.00	0.00	-904.93	904.93	0.00	0.00	0.00	0.00
4900.00	90.00	270.00	4100.00	0.00	-1004.93	1004.93	0.00	0.00	0.00	0.00
5000.00	90.00	270.00	4100.00	0.00	-1104.93	1104.93	0.00	0.00	0.00	0.00
5100.00	90.00	270.00	4100.00	0.00	-1204.93	1204.93	0.00	0.00	0.00	0.00
5200.00	90.00	270.00	4100.00	0.00	-1304.93	1304.93	0.00	0.00	0.00	0.00
5300.00	90.00	270.00	4100.00	0.00	-1404.93	1404.93	0.00	0.00	0.00	0.00
5400.00	90.00	270.00	4100.00	0.00	-1504.93	1504.93	0.00	0.00	0.00	0.00
5500.00	90.00	270.00	4100.00	0.00	-1604.93	1604.93	0.00	0.00	0.00	0.00
5600.00	90.00	270.00	4100.00	0.00	-1704.93	1704.93	0.00	0.00	0.00	0.00
5700.00	90.00	270.00	4100.00	0.00	-1804.93	1804.93	0.00	0.00	0.00	0.00
5800.00	90.00	270.00	4100.00	0.00	-1904.93	1904.93	0.00	0.00	0.00	0.00
5900.00	90.00	270.00	4100.00	0.00	-2004.93	2004.93	0.00	0.00	0.00	0.00
6000.00	90.00	270.00	4100.00	0.00	-2104.93	2104.93	0.00	0.00	0.00	0.00
6100.00	90.00	270.00	4100.00	0.00	-2204.93	2204.93	0.00	0.00	0.00	0.00
6200.00	90.00	270.00	4100.00	0.00	-2304.93	2304.93	0.00	0.00	0.00	0.00
6300.00	90.00	270.00	4100.00	0.00	-2404.93	2404.93	0.00	0.00	0.00	0.00
6400.00	90.00	270.00	4100.00	0.00	-2504.93	2504.93	0.00	0.00	0.00	0.00
6500.00	90.00	270.00	4100.00	0.00	-2604.93	2604.93	0.00	0.00	0.00	0.00
6600.00	90.00	270.00	4100.00	0.00	-2704.93	2704.93	0.00	0.00	0.00	0.00
6700.00	90.00	270.00	4100.00	0.00	-2804.93	2804.93	0.00	0.00	0.00	0.00
6800.00	90.00	270.00	4100.00	0.00	-2904.93	2904.93	0.00	0.00	0.00	0.00
6900.00	90.00	270.00	4100.00	0.00	-3004.93	3004.93	0.00	0.00	0.00	0.00
7000.00	90.00	270.00	4100.00	0.00	-3104.93	3104.93	0.00	0.00	0.00	0.00
7100.00	90.00	270.00	4100.00	0.00	-3204.93	3204.93	0.00	0.00	0.00	0.00
7200.00	90.00	270.00	4100.00	0.00	-3304.93	3304.93	0.00	0.00	0.00	0.00
7300.00	90.00	270.00	4100.00	0.00	-3404.93	3404.93	0.00	0.00	0.00	0.00
7400.00	90.00	270.00	4100.00	0.00	-3504.93	3504.93	0.00	0.00	0.00	0.00
7500.00	90.00	270.00	4100.00	0.00	-3604.93	3604.93	0.00	0.00	0.00	0.00
7600.00	90.00	270.00	4100.00	0.00	-3704.93	3704.93	0.00	0.00	0.00	0.00
7700.00	90.00	270.00	4100.00	0.00	-3804.93	3804.93	0.00	0.00	0.00	0.00

Leam Drilling Systems, Inc.

Well Planning Report

Company: Bold Energy, LP
Field: Eddy County, NM (NAD-83)
Site: Hannah "33" Federal #4
Well: Well #4
Wellpath: 1

Date: 8/30/2006 **Time:** 14:56:16 **Page:** 3
Co-ordinate(NE) Reference: Site: Hannah "33" Federal #4, Grid North
Vertical (TVD) Reference: SITE 4264.0
Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)
Survey Calculation Method: Minimum Curvature **Db:** Adapti

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	TFO deg
7800.00	90.00	270.00	4100.00	0.00	-3904.93	3904.93	0.00	0.00	0.00	0.00
7855.07	90.00	270.00	4100.00	0.00	-3960.00	3960.00	0.00	0.00	0.00	0.00

Targets

Name	Description Dip.	Dir.	TVD	+N/-S	+E/-W	Map Northing	Map Easting	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec		

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction