

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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 August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025 42362	² Pool Code 97088	³ Pool Name WC-025 G-08 52535340; BS
⁴ Property Code 314082	⁵ Property Name TELE DELUX 32 STATE	⁶ Well Number 4H
⁷ OGRID No. 270329	⁸ Operator Name ENDURANCE RESOURCES, LLC	⁹ Elevation 3218.9

" 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	32	25 S	35 E		150	NORTH	660	EAST	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
P	32	25 S	35 E		330	SOUTH	660	EAST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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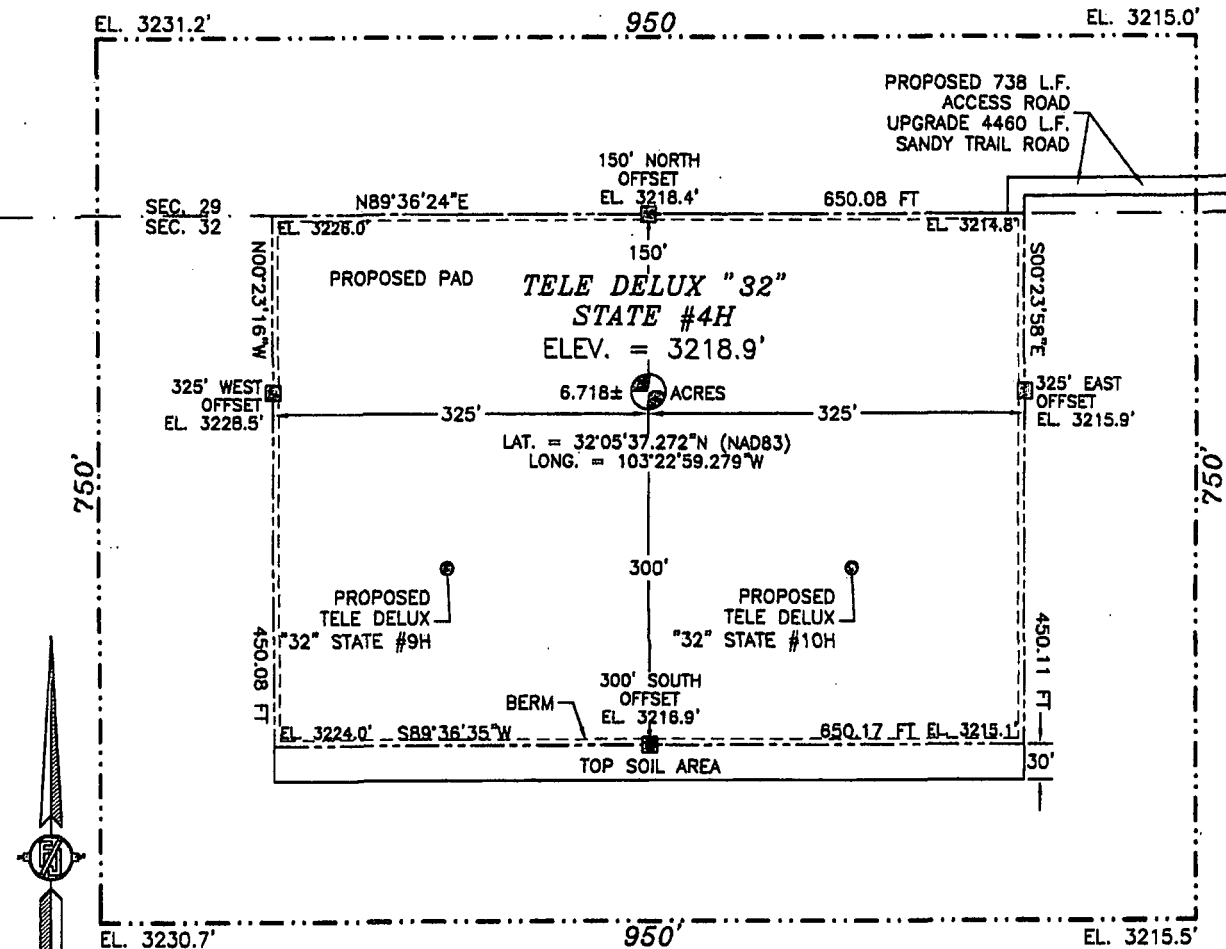
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

N89°35'41"E 2642.82 FT NW CORNER SEC. 32 LAT. = 32°05'38.838"N LONG. = 103°23'53.036"W N/4 CORNER SEC. 32 LAT. = 32°05'38.795"N LONG. = 103°23'22.320"W TELE DELUX "32" STATE #4H ELEV. = 3218.9' LAT. = 32°05'37.272"N (NAD83) LONG. = 103°22'59.279"W NE CORNER SEC. 32 LAT. = 32°05'38.743"N LONG. = 103°22'51.609"W W/4 CORNER SEC. 32 LAT. = 32°05'42.847"N LONG. = 103°23'52.989"W E/4 CORNER SEC. 32 LAT. = 32°05'42.633"N LONG. = 103°22'51.567"W NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) IN DEGREES MINUTES DECIMAL SECONDS FORMAT. BASIS OF BEARING IS NEW MEXICO STATE PLANE EAST (NAD83) COORDINATES MODIFIED TO SURFACE. SW CORNER SEC. 32 LAT. = 32°04'46.637"N LONG. = 103°23'52.960"W S/4 CORNER SEC. 32 LAT. = 32°04'46.595"N LONG. = 103°23'22.242"W SE CORNER SEC. 32 LAT. = 32°04'46.537"N LONG. = 103°22'51.548"W BOTTOM OF HOLE LAT. = 32°04'49.816"N LONG. = 103°22'59.220"W Bottom of Hole S89°35'34"W 2643.38 FT S89°37'28"W 2641.33 FT		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 is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>M.A. Singo</i> 1-8-2015 Signature _____ Date _____ Printed Name M.A. Singo III E-mail Address Manny@enduranceresourcesll.com 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. SEPTEMBER 4, 2014 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number FILMION F. JARAMILLO, PLS 12797 SURVEY NO. 3278
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JAN 13 2015

SECTION 32, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
SITE MAP

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) IN DEGREES, MINUTES AND DECIMAL SECONDS FORMAT. BASIS OF BEARING IS NEW MEXICO STATE PLANE EAST (NAD83) COORDINATES MODIFIED TO SURFACE.



015 75 150 300

SCALE 1" = 150'

DIRECTIONS TO LOCATION

FROM STATE HWY. 128 AND CR. #2 BATTLE AXE, GO EAST ON HWY. 128 0.2 MILES, TURN RIGHT ON CALICHE ROAD AND GO SOUTH 4.2 MILES, TURN LEFT AND GO SOUTHEAST 1.2 MILES, BEND RIGHT AND GO SOUTH 0.7 MILES, TURN LEFT AND GO EAST 0.9 MILES, TURN RIGHT ON SANDY TRAIL ROAD AND GO SOUTH 0.9 MILES TO A PROPOSED ROAD SURVEY AND FOLLOW FLAGS WEST 723', THEN SOUTH 15' TO THE PROPOSED NORTHEAST PAD CORNER FOR THIS LOCATION.

ENDURANCE RESOURCES, LLC
TELE DELUX "32" STATE #4H
LOCATED 150 FT. FROM THE NORTH LINE
AND 680 FT. FROM THE EAST LINE OF
SECTION 32, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

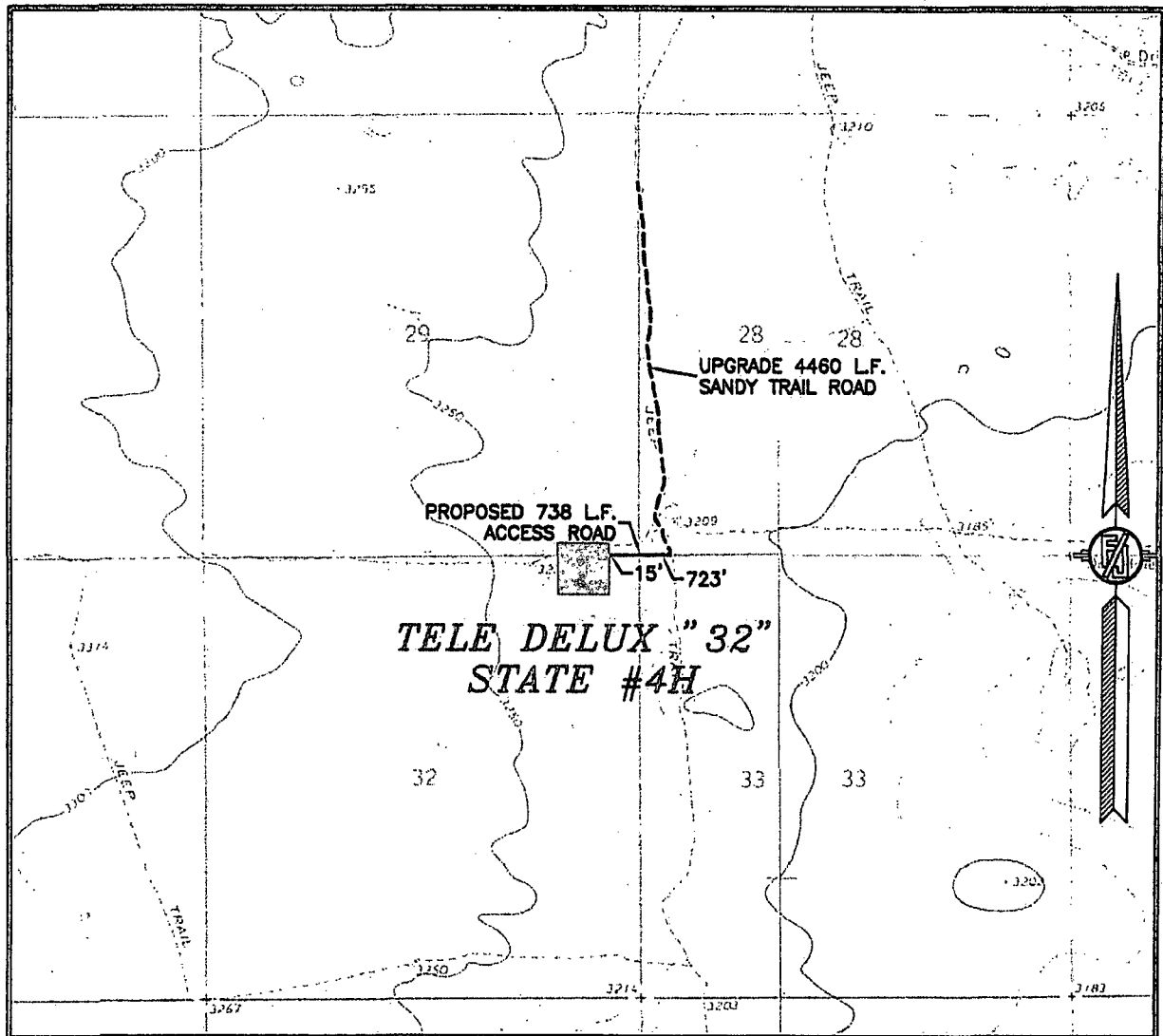
SEPTEMBER 4, 2014

SURVEY NO. 3278

MADRON SURVEYING, INC. 301 SOUTH CANAL
(575) 234-3341

CARLSBAD, NEW MEXICO

SECTION 32, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
ANDREWS PLACE

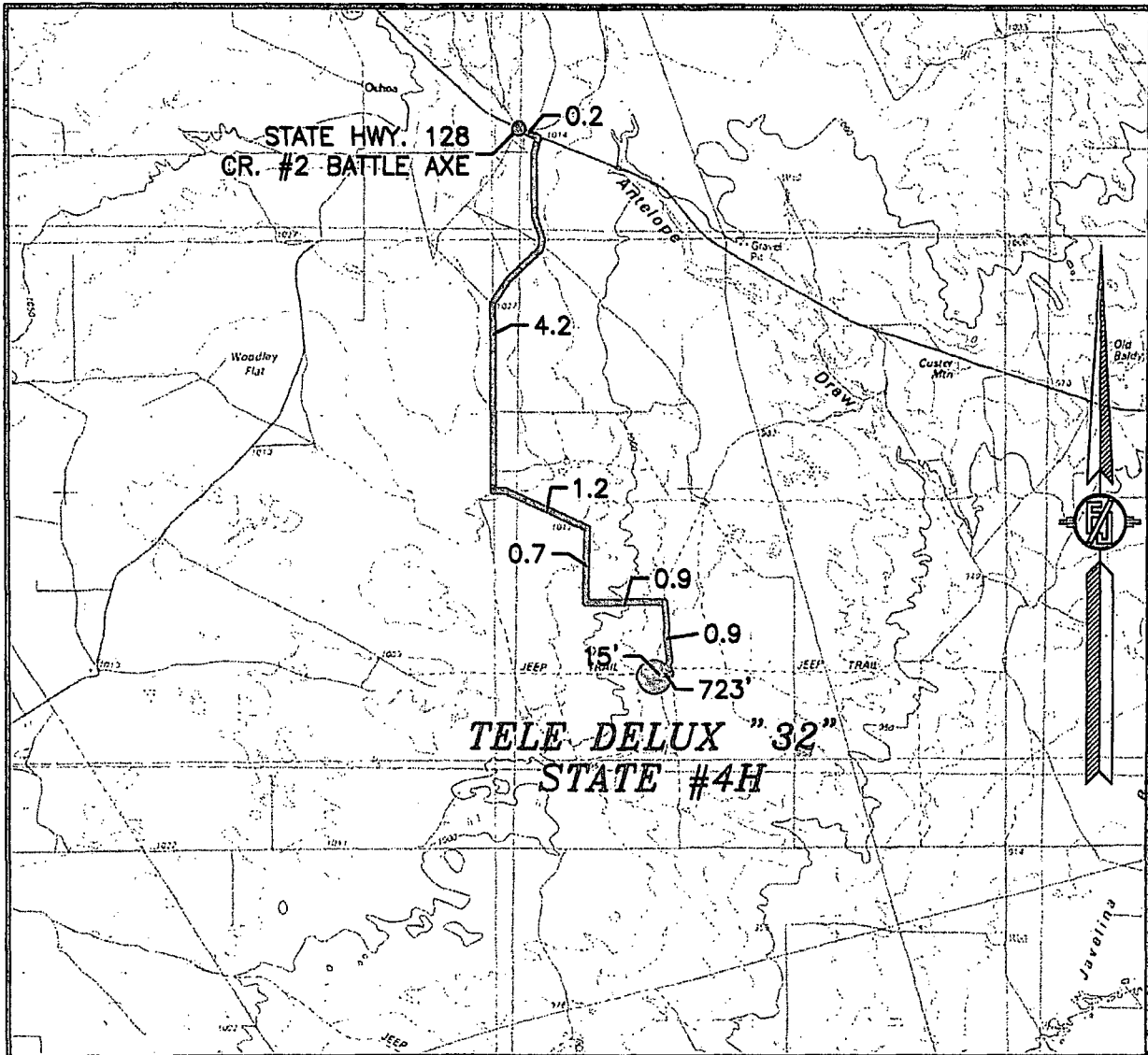
NOT TO SCALE

ENDURANCE RESOURCES, LLC
TELE DELUX "32" STATE #4H
LOCATED 150 FT. FROM THE NORTH LINE
AND 660 FT. FROM THE EAST LINE OF
SECTION 32, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 4, 2014

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO
SURVEY NO. 3278

SECTION 32, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DIRECTIONS TO LOCATION

FROM STATE HWY. 128 AND CR. #2 BATTLE AXE, GO EAST ON HWY. 128 0.2 MILES, TURN RIGHT ON CALICHE ROAD AND GO SOUTH 4.2 MILES, TURN LEFT AND GO SOUTHEAST 1.2 MILES, BEND RIGHT AND GO SOUTH 0.7 MILES, TURN LEFT AND GO EAST 0.9 MILES, TURN RIGHT ON SANDY TRAIL ROAD AND GO SOUTH 0.9 MILES TO A PROPOSED ROAD SURVEY AND FOLLOW FLAGS WEST 723', THEN SOUTH 15' TO THE PROPOSED NORTHEAST PAD CORNER FOR THIS LOCATION.

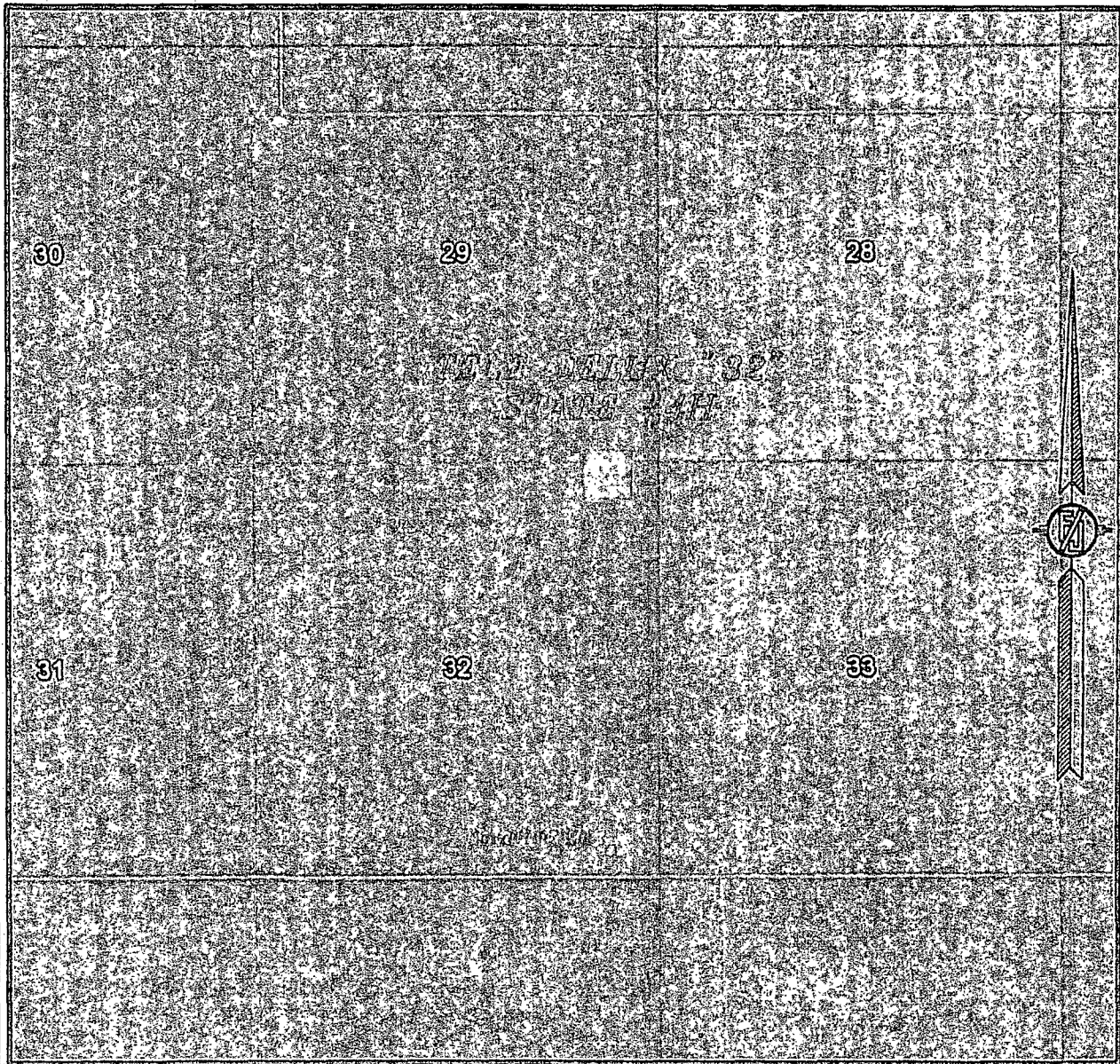
ENDURANCE RESOURCES, LLC
TELE DELUX "32" STATE #4H
LOCATED 150 FT. FROM THE NORTH LINE
AND 660 FT. FROM THE EAST LINE OF
SECTION 32, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 4, 2014

MADRON SURVEYING, INC. 301 SOUTH CANAL
(575) 234-3341

SURVEY NO. 3278
CARLSBAD, NEW MEXICO

SECTION 32, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
APR. 2013

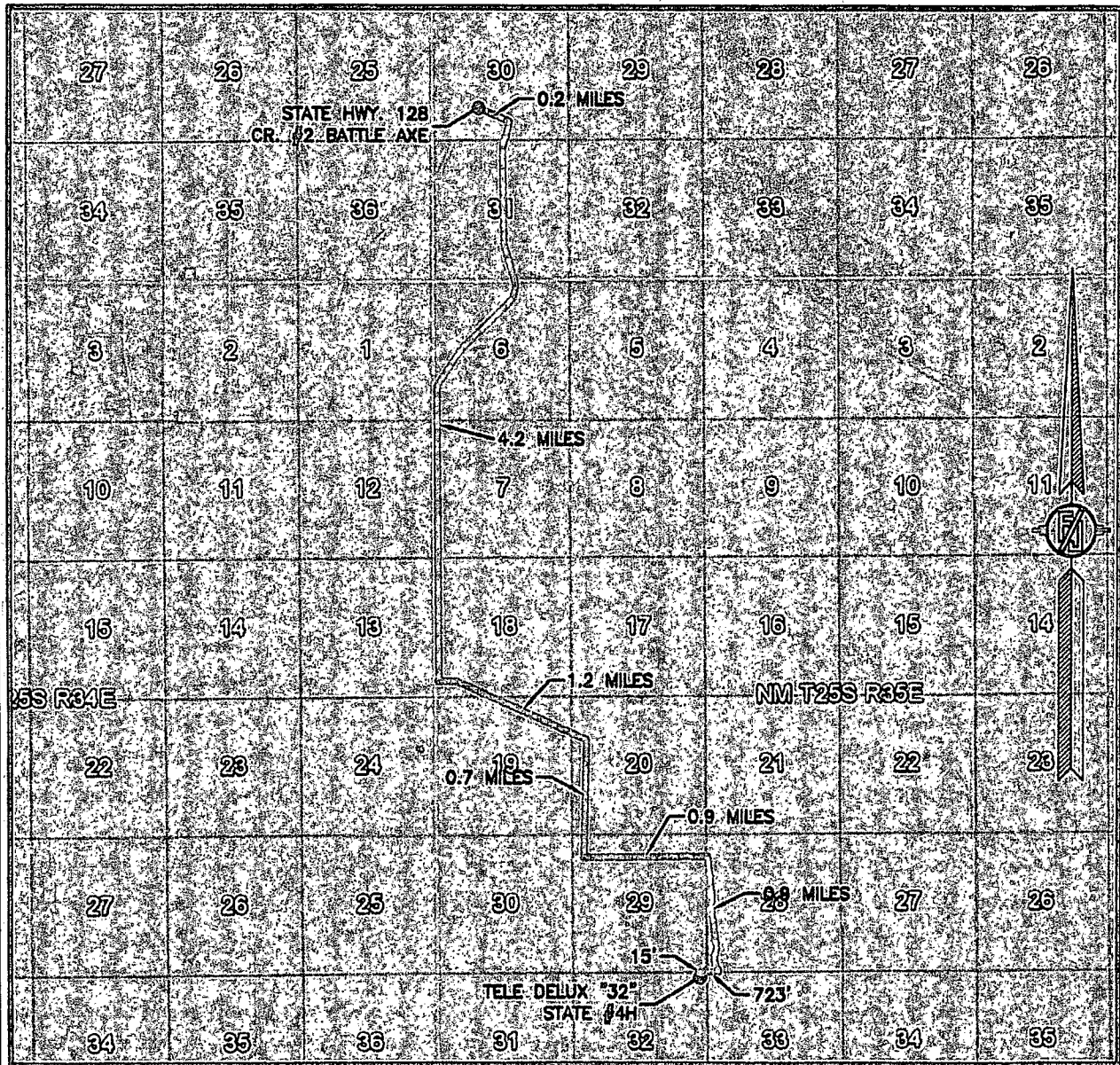
ENDURANCE RESOURCES, LLC
TELE DELUX "32" STATE #4H
LOCATED 150 FT. FROM THE NORTH LINE
AND 660 FT. FROM THE EAST LINE OF
SECTION 32, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 4, 2014

SURVEY NO. 3278

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 32, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL ACCESS ROUTE MAP



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
APR. 2013

ENDURANCE RESOURCES, LLC
TELE DELUX "32" STATE #4H
LOCATED 150 FT. FROM THE NORTH LINE
AND 660 FT. FROM THE EAST LINE OF
SECTION 32, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 4, 2014

SURVEY NO. 3278

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3341

Endurance Resources LLC

Lea County, NM

Tele Delux 32 State

#4H

OH

Plan: Design #1

Standard Planning Report

06 January, 2015

Wellplanning Planning Report

Database: EDM 5000.1 Single User Db
Company: Endurance Resources LLC
Project: Lea County, NM
Site: Tele Delux 32 State
Well: #4H
Wellbore: OH
Design: Design #1

Local Co-ordinate Reference: Well #4H
TVD Reference: WELL @ 3239.9usft (Original Well Elev)
MD Reference: WELL @ 3239.9usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Project: Lea County, NM
Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

Site: Tele Delux 32 State
Site Position: Northing: 399,116.46 usft Latitude: 32° 5' 37.272 N
From: Lat/Long Easting: 835,594.27 usft Longitude: 103° 22' 59.279 W
Position Uncertainty: 0.0 usft Slot Radius: 13-3/16" Grid Convergence: 0.50 °

Well: #4H
Well Position: +N-S 0.0 usft Northing: 399,116.46 usft Latitude: 32° 5' 37.272 N
+E-W 0.0 usft Easting: 835,594.27 usft Longitude: 103° 22' 59.279 W
Position Uncertainty: 0.0 usft Wellhead Elevation: Ground Level: 3,218.9 usft

Wellbore: OH
Magnetics: Model Name Sample Date Declination Dip Angle Field Strength
IGRF2010 1/6/2015 7.05 60.01 48,203

Design: Design #1
Audit Notes:
Version: Phase: PLAN Tie On Depth: 0.0
Vertical Section: Depth From (TVD) +N-S +E-W Direction
(usft) (usft) (usft) (°)
0.0 0.0 0.0 179.44

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
11,752.0	0.00	0.00	11,752.0	0.0	0.0	0.00	0.00	0.00	0.00	
12,652.1	90.00	179.44	12,325.0	-573.0	5.6	10.00	10.00	0.00	179.44	
16,874.9	90.00	179.44	12,325.0	-4,795.6	46.9	0.00	0.00	0.00	0.00	PBHL(TD32S#4h)

Wellplanning Planning Report

Database: EDM 5000.1 Single User Db
Company: Endurance Resources LLC
Project: Lea County, NM
Site: Tele Delux 32 State
Well: #4H
Wellbore: OH
Design: Design #1

Local Co-ordinate Reference: Well #4H
TVD Reference: WELL @ 3238.9usft (Original Well Elev)
MD Reference: WELL @ 3239.9usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
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
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00

Wellplanning Planning Report

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Site: Tele Delux 32 State
Well: #4H
Wellbore: OH
Design: Design #1

Local Co-ordinate Reference: Well #4H
TVD Reference: WELL @ 3239.9usft (Original Well Elev)
MD Reference: WELL @ 3239.9usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,500.0	0.0	0.0	0.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,600.0	0.0	0.0	0.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,700.0	0.0	0.0	0.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,800.0	0.0	0.0	0.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,900.0	0.0	0.0	0.0	0.00	0.00	0.00
8,000.0	0.00	0.00	8,000.0	0.0	0.0	0.0	0.00	0.00	0.00
8,100.0	0.00	0.00	8,100.0	0.0	0.0	0.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,200.0	0.0	0.0	0.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,300.0	0.0	0.0	0.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,400.0	0.0	0.0	0.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,500.0	0.0	0.0	0.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,600.0	0.0	0.0	0.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,700.0	0.0	0.0	0.0	0.00	0.00	0.00
8,800.0	0.00	0.00	8,800.0	0.0	0.0	0.0	0.00	0.00	0.00
8,900.0	0.00	0.00	8,900.0	0.0	0.0	0.0	0.00	0.00	0.00
9,000.0	0.00	0.00	9,000.0	0.0	0.0	0.0	0.00	0.00	0.00
9,100.0	0.00	0.00	9,100.0	0.0	0.0	0.0	0.00	0.00	0.00
9,200.0	0.00	0.00	9,200.0	0.0	0.0	0.0	0.00	0.00	0.00
9,300.0	0.00	0.00	9,300.0	0.0	0.0	0.0	0.00	0.00	0.00
9,400.0	0.00	0.00	9,400.0	0.0	0.0	0.0	0.00	0.00	0.00
9,500.0	0.00	0.00	9,500.0	0.0	0.0	0.0	0.00	0.00	0.00
9,600.0	0.00	0.00	9,600.0	0.0	0.0	0.0	0.00	0.00	0.00
9,700.0	0.00	0.00	9,700.0	0.0	0.0	0.0	0.00	0.00	0.00
9,800.0	0.00	0.00	9,800.0	0.0	0.0	0.0	0.00	0.00	0.00
9,900.0	0.00	0.00	9,900.0	0.0	0.0	0.0	0.00	0.00	0.00
10,000.0	0.00	0.00	10,000.0	0.0	0.0	0.0	0.00	0.00	0.00
10,100.0	0.00	0.00	10,100.0	0.0	0.0	0.0	0.00	0.00	0.00
10,200.0	0.00	0.00	10,200.0	0.0	0.0	0.0	0.00	0.00	0.00
10,300.0	0.00	0.00	10,300.0	0.0	0.0	0.0	0.00	0.00	0.00
10,400.0	0.00	0.00	10,400.0	0.0	0.0	0.0	0.00	0.00	0.00
10,500.0	0.00	0.00	10,500.0	0.0	0.0	0.0	0.00	0.00	0.00
10,600.0	0.00	0.00	10,600.0	0.0	0.0	0.0	0.00	0.00	0.00
10,700.0	0.00	0.00	10,700.0	0.0	0.0	0.0	0.00	0.00	0.00

Wellplanning Planning Report

Database: EDM 5000.1 Single User Db
Company: Endurance Resources LLC
Project: Lea County, NM
Site: Tele Delux 32 State
Well: #4H
Wellbore: OH
Design: Design #1

Local Co-ordinate Reference: Well #4H
TVD Reference: WELL @ 3239.9usft (Original Well Elev)
MD Reference: WELL @ 3239.9usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,800.0	0.00	0.00	10,800.0	0.0	0.0	0.0	0.00	0.00	0.00
10,900.0	0.00	0.00	10,900.0	0.0	0.0	0.0	0.00	0.00	0.00
11,000.0	0.00	0.00	11,000.0	0.0	0.0	0.0	0.00	0.00	0.00
11,100.0	0.00	0.00	11,100.0	0.0	0.0	0.0	0.00	0.00	0.00
11,200.0	0.00	0.00	11,200.0	0.0	0.0	0.0	0.00	0.00	0.00
11,300.0	0.00	0.00	11,300.0	0.0	0.0	0.0	0.00	0.00	0.00
11,400.0	0.00	0.00	11,400.0	0.0	0.0	0.0	0.00	0.00	0.00
11,500.0	0.00	0.00	11,500.0	0.0	0.0	0.0	0.00	0.00	0.00
11,600.0	0.00	0.00	11,600.0	0.0	0.0	0.0	0.00	0.00	0.00
11,700.0	0.00	0.00	11,700.0	0.0	0.0	0.0	0.00	0.00	0.00
11,752.0	0.00	0.00	11,752.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP - 11752.0 'MD, 0.00° INC, 0.00° AZI									
11,800.0	4.80	179.44	11,799.9	-2.0	0.0	2.0	10.00	10.00	0.00
11,850.0	9.80	179.44	11,849.5	-8.4	0.1	8.4	10.00	10.00	0.00
11,900.0	14.80	179.44	11,898.4	-19.0	0.2	19.0	10.00	10.00	0.00
11,950.0	19.80	179.44	11,946.1	-33.9	0.3	33.9	10.00	10.00	0.00
12,000.0	24.80	179.44	11,992.3	-52.8	0.5	52.8	10.00	10.00	0.00
12,050.0	29.80	179.44	12,036.7	-75.8	0.7	75.8	10.00	10.00	0.00
12,100.0	34.80	179.44	12,079.0	-102.5	1.0	102.5	10.00	10.00	0.00
12,150.0	39.80	179.44	12,118.8	-132.7	1.3	132.8	10.00	10.00	0.00
12,200.0	44.80	179.44	12,155.7	-166.4	1.6	166.4	10.00	10.00	0.00
12,250.0	49.80	179.44	12,189.6	-203.1	2.0	203.1	10.00	10.00	0.00
12,300.0	54.80	179.44	12,220.2	-242.7	2.4	242.7	10.00	10.00	0.00
12,350.0	59.80	179.44	12,247.2	-284.7	2.8	284.7	10.00	10.00	0.00
12,400.0	64.80	179.44	12,270.4	-329.0	3.2	329.0	10.00	10.00	0.00
12,450.0	69.79	179.44	12,289.7	-375.1	3.7	375.1	10.00	10.00	0.00
12,500.0	74.79	179.44	12,304.9	-422.7	4.1	422.7	10.00	10.00	0.00
12,550.0	79.79	179.44	12,315.9	-471.5	4.6	471.5	10.00	10.00	0.00
12,600.0	84.79	179.44	12,322.6	-521.0	5.1	521.0	10.00	10.00	0.00
12,652.1	90.00	179.44	12,325.0	-573.0	5.6	573.0	10.00	10.00	0.00
EOC - 12652.1 'MD, 90.00° INC, 179.44° AZI									
12,700.0	90.00	179.44	12,325.0	-620.9	6.1	620.9	0.00	0.00	0.00
12,800.0	90.00	179.44	12,325.0	-720.9	7.0	720.9	0.00	0.00	0.00
12,900.0	90.00	179.44	12,325.0	-820.9	8.0	820.9	0.00	0.00	0.00
13,000.0	90.00	179.44	12,325.0	-920.9	9.0	920.9	0.00	0.00	0.00
13,100.0	90.00	179.44	12,325.0	-1,020.9	10.0	1,020.9	0.00	0.00	0.00
13,200.0	90.00	179.44	12,325.0	-1,120.9	11.0	1,120.9	0.00	0.00	0.00
13,300.0	90.00	179.44	12,325.0	-1,220.9	11.9	1,220.9	0.00	0.00	0.00
13,400.0	90.00	179.44	12,325.0	-1,320.9	12.9	1,320.9	0.00	0.00	0.00
13,500.0	90.00	179.44	12,325.0	-1,420.9	13.9	1,420.9	0.00	0.00	0.00
13,600.0	90.00	179.44	12,325.0	-1,520.9	14.9	1,520.9	0.00	0.00	0.00
13,700.0	90.00	179.44	12,325.0	-1,620.9	15.8	1,620.9	0.00	0.00	0.00
13,800.0	90.00	179.44	12,325.0	-1,720.9	16.8	1,720.9	0.00	0.00	0.00
13,900.0	90.00	179.44	12,325.0	-1,820.8	17.8	1,820.9	0.00	0.00	0.00
14,000.0	90.00	179.44	12,325.0	-1,920.8	18.8	1,920.9	0.00	0.00	0.00
14,100.0	90.00	179.44	12,325.0	-2,020.8	19.8	2,020.9	0.00	0.00	0.00
14,200.0	90.00	179.44	12,325.0	-2,120.8	20.7	2,120.9	0.00	0.00	0.00
14,300.0	90.00	179.44	12,325.0	-2,220.8	21.7	2,220.9	0.00	0.00	0.00
14,400.0	90.00	179.44	12,325.0	-2,320.8	22.7	2,320.9	0.00	0.00	0.00
14,500.0	90.00	179.44	12,325.0	-2,420.8	23.7	2,420.9	0.00	0.00	0.00
14,600.0	90.00	179.44	12,325.0	-2,520.8	24.6	2,520.9	0.00	0.00	0.00
14,700.0	90.00	179.44	12,325.0	-2,620.8	25.6	2,620.9	0.00	0.00	0.00
14,800.0	90.00	179.44	12,325.0	-2,720.8	26.6	2,720.9	0.00	0.00	0.00
14,900.0	90.00	179.44	12,325.0	-2,820.8	27.6	2,820.9	0.00	0.00	0.00

Wellplanning Planning Report

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Design: Design #1

Local Co-ordinate Reference: Well #4H
TVD Reference: WELL @ 3239.9usft (Original Well Elev)
MD Reference: WELL @ 3239.9usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
15,000.0	90.00	179.44	12,325.0	-2,920.8	28.5	2,920.9	0.00	0.00	0.00
15,100.0	90.00	179.44	12,325.0	-3,020.8	29.5	3,020.9	0.00	0.00	0.00
15,200.0	90.00	179.44	12,325.0	-3,120.8	30.5	3,120.9	0.00	0.00	0.00
15,300.0	90.00	179.44	12,325.0	-3,220.8	31.5	3,220.9	0.00	0.00	0.00
15,400.0	90.00	179.44	12,325.0	-3,320.8	32.5	3,320.9	0.00	0.00	0.00
15,500.0	90.00	179.44	12,325.0	-3,420.8	33.4	3,420.9	0.00	0.00	0.00
15,600.0	90.00	179.44	12,325.0	-3,520.8	34.4	3,520.9	0.00	0.00	0.00
15,700.0	90.00	179.44	12,325.0	-3,620.8	35.4	3,620.9	0.00	0.00	0.00
15,800.0	90.00	179.44	12,325.0	-3,720.8	36.4	3,720.9	0.00	0.00	0.00
15,900.0	90.00	179.44	12,325.0	-3,820.8	37.3	3,820.9	0.00	0.00	0.00
16,000.0	90.00	179.44	12,325.0	-3,920.7	38.3	3,920.9	0.00	0.00	0.00
16,100.0	90.00	179.44	12,325.0	-4,020.7	39.3	4,020.9	0.00	0.00	0.00
16,200.0	90.00	179.44	12,325.0	-4,120.7	40.3	4,120.9	0.00	0.00	0.00
16,300.0	90.00	179.44	12,325.0	-4,220.7	41.3	4,220.9	0.00	0.00	0.00
16,400.0	90.00	179.44	12,325.0	-4,320.7	42.2	4,320.9	0.00	0.00	0.00
16,500.0	90.00	179.44	12,325.0	-4,420.7	43.2	4,420.9	0.00	0.00	0.00
16,600.0	90.00	179.44	12,325.0	-4,520.7	44.2	4,520.9	0.00	0.00	0.00
16,700.0	90.00	179.44	12,325.0	-4,620.7	45.2	4,620.9	0.00	0.00	0.00
16,800.0	90.00	179.44	12,325.0	-4,720.7	46.1	4,720.9	0.00	0.00	0.00
16,874.9	90.00	179.44	12,325.0	-4,795.6	46.9	4,795.8	0.00	0.00	0.00

TD at 16874.9 - PBHL(TD32S#4h)

Design Targets

Target Name	hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL(TD32S#4h)		0.00	0.00	12,325.0	-4,795.6	47.3	394,320.87	835,641.59	32° 4' 49.816 N	103° 22' 59.220 W
- plan misses target center by 0.5usft at 16874.9usft MD (12325.0 TVD, -4795.6 N, 46.9 E)										
- Point										

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,752.0	11,752.0	0.0	0.0	KOP - 11752.0 'MD, 0.00° INC, 0.00° AZI
12,652.1	12,325.0	-573.0	5.6	EOC- 12652.1 'MD, 90.00° INC, 179.44° AZI
16,874.9	12,325.0	-4,795.6	46.9	TD at 16874.9