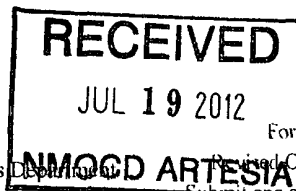


District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505



Form C-102
Revised October 15, 2009
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40508	Pool Code 49622	Pool Name PARKWAY WEST; BONE SPRING
Property Code 38434	Property Name TURQUOISE PWU "27"	Well Number 7H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3311.5

10 Surface Location

CL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	27	19 S	29 E		2200	SOUTH	330	WEST	EDDY

11 Bottom Hole Location If Different From Surface

CL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	27	19 S	29 E		1650	SOUTH	330	EAST	EDDY

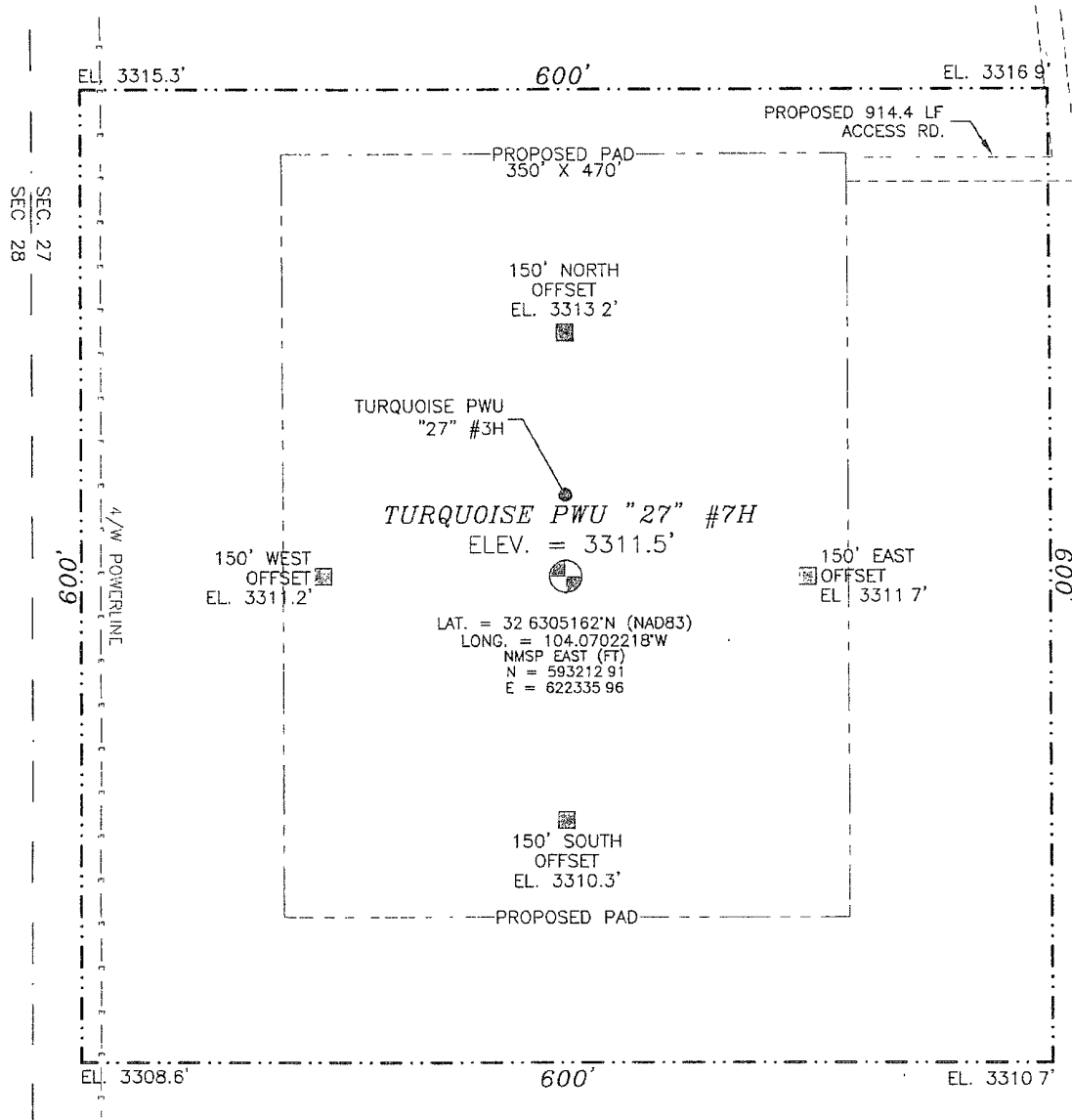
Dedicated Acres 160.00	Joint or Infill	Consolidation Code	Order No.
---------------------------	-----------------	--------------------	-----------

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.

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 to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division Signature: <i>[Signature]</i> Date: 7/18/2012 Printed Name: David H. Cook Regulatory Specialist	
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. DATE OF SURVEY: MAY 12 2012 Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certification Number: FILIXON F. JARAMILLO, PLS 12797 Survey No: 967	

SW CORNER SEC. 27 LAT. = 32.6317485°N LONG. = 104.0712453°W NMSP EAST (FT) N = 596312.05 E = 6227012.94	N O CORNER SEC. 27 LAT. = 32.6389391°N LONG. = 104.0626958°W NMSP EAST (FT) N = 596283.05 E = 624645.01	NE CORNER SEC. 27 LAT. = 32.6389391°N LONG. = 104.0541339°W NMSP EAST (FT) N = 596290.05 E = 627780.86
Completion Interval Lease Line Project Area		
SW CORNER SEC. 27 LAT. = 32.6317485°N LONG. = 104.0712904°W NMSP EAST (FT) N = 593660.44 E = 622335.96	TURQUOISE PWU "27" #1 LAT. = 32.6305163°N (MAD 11) LONG. = 104.0702218°W NMSP EAST (FT) N = 593212.91 E = 622335.96	SE CORNER SEC. 27 LAT. = 32.6244132°N LONG. = 104.0541300°W NMSP EAST (FT) N = 591005.28 E = 627295.67
BOTTOM OF HOLE LAT. = 32.6289575°N NMSP EAST (FT) N = 593745.24 E = 626962.51		

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO



010 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CR 210 (OLD LOCO) AND CR 235 (CURRY COMB) GO SOUTHEAST ON CR 235 FOR APPROX. 0.3 OF A MILE. GO SOUTH (DEVON PARKWAY SIGN) FOR APPROX. 1 MILE. GO WEST APPROX. 0.4 OF A MILE. GO SOUTH APPROX. 0.15 OF A MILE. GO SOUTH-SOUTHEAST APPROX. 0.3 OF A MILE. GO EAST APPROX. 0.25 OF A MILE. LOCATION IS APPROX 980 FT SOUTH.

DEVON ENERGY PRODUCTION COMPANY, L.P.

TURQUOISE PWU "27" #7H

LOCATED 2200 FT. FROM THE SOUTH LINE
AND 330 FT. FROM THE WEST LINE OF

SECTION 27, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.

EDDY COUNTY, STATE OF NEW MEXICO

MAY 3, 2012

SURVEY NO. 967

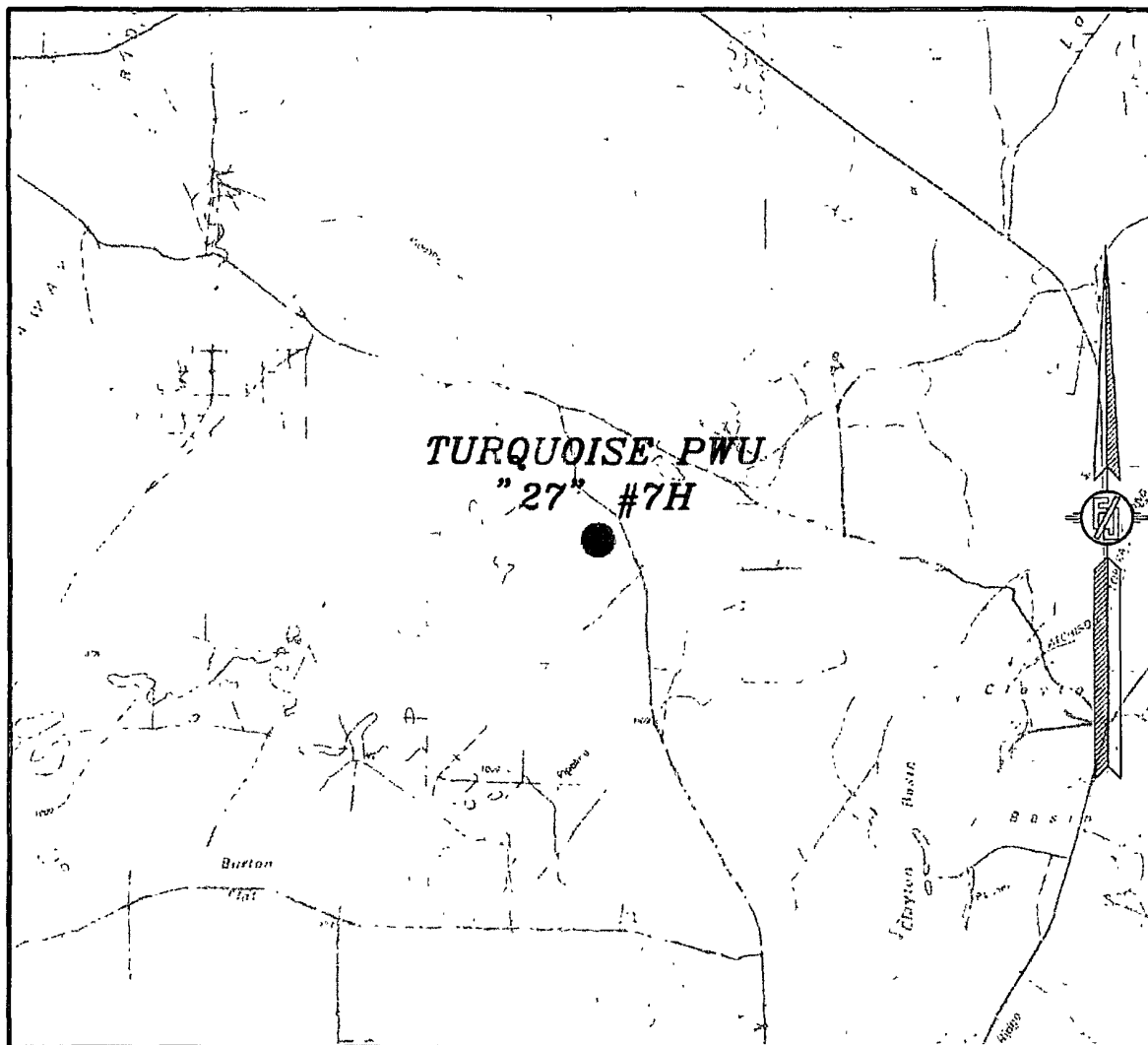
MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 254-3341 CARLSBAD, NEW MEXICO

NOT TO SCALE

MAY 3, 2012

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

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
VICINITY MAP



NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

TURQUOISE PWU "27" #7H

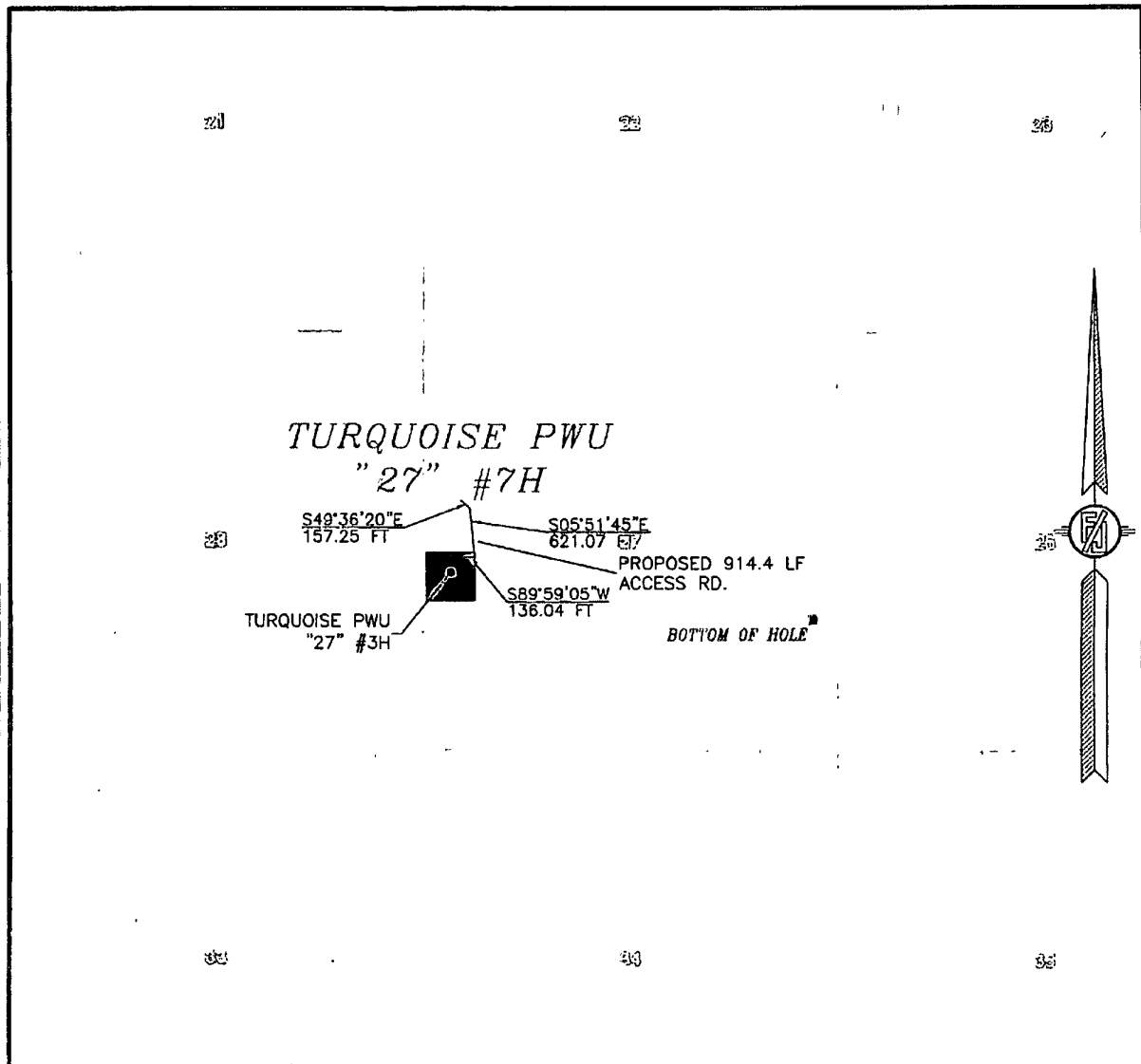
LOCATED 2200 FT. FROM THE SOUTH LINE
AND 330 FT. FROM THE WEST LINE OF
SECTION 27, TOWNSHIP 19 SOUTH,
RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

MAY 3, 2012

SURVEY NO. 967

MADRON SURVEYING, INC. 331 SOUTH CAVAL CARLSBAD, NEW MEXICO
(505) 234-3344

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
JUNE, 2011

DEVON ENERGY PRODUCTION COMPANY, L.P.

TURQUOISE PWU "27" #7H

LOCATED 2200 FT. FROM THE SOUTH LINE

AND 330 FT. FROM THE WEST LINE OF

SECTION 27, TOWNSHIP 19 SOUTH,

RANGE 29 EAST, N.M.P.M.

EDDY COUNTY, STATE OF NEW MEXICO

MAY 3, 2012

SURVEY NO. 967

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

Devon Energy Corporation

HALLIBURTON | Sperry Drilling



Project: Eddy County, NM (NAD 83)
Site: Turquoise PWU 27
Well: Turquoise PWU 27 7H
Wellbore: Wellbore #1
Plan: Plan #1
Rig: Cactus 126

SURFACE LOCATION

US State Plane 1983
 New Mexico Eastern Zone
 Elevation: GL 3311.5' + 25'KB @ 3336.50ft (Cactus 126)
Northing **Easting** **Latitude** **Longitude**
 593212.91 622335.96 32° 37' 49.858 N 104° 4' 12.799 W

SECTION DETAILS

CASING DETAILS

TVD	MD	Name
300.00	300.00	Surface Csg
2850.00	2850.00	Intermediate Csg
7245.00	11517.53	Production Csg

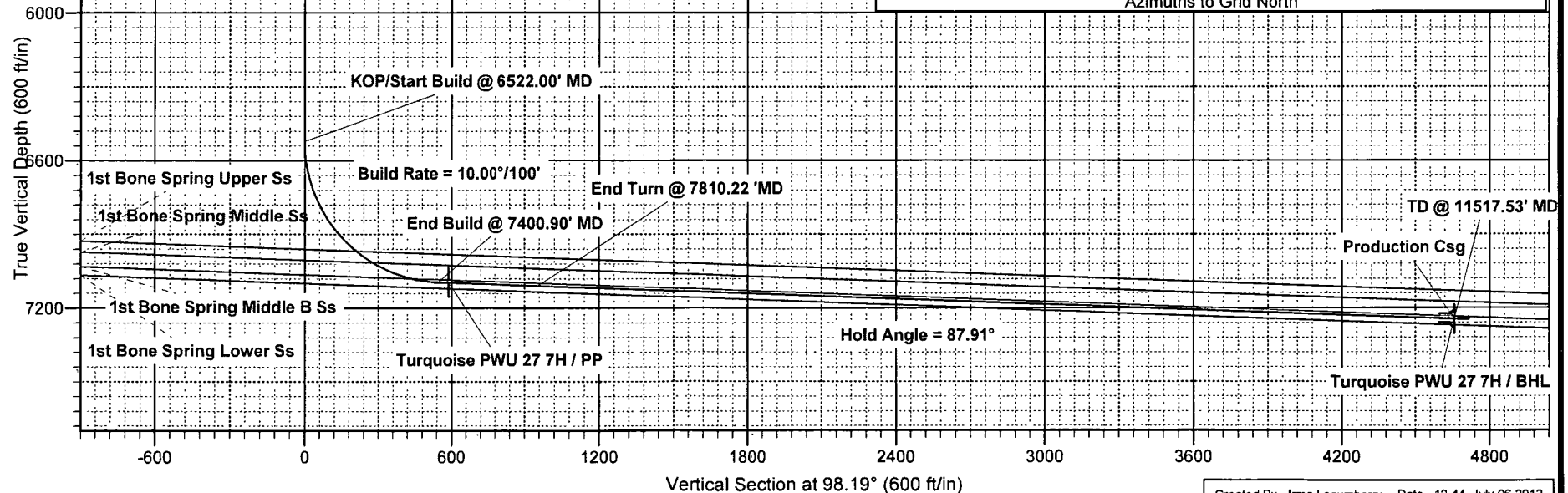
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6522.00	0.00	0.00	6522.00	0.00	0.00	0.00	0.00	0.00	KOP/Start Build
7400.90	87.89	90.00	7094.57	0.00	551.86	10.00	90.00	546.23	End Build
7810.22	87.91	98.19	7109.60	-29.19	959.51	2.00	90.03	953.89	End Turn
11517.53	87.91	98.19	7245.00	-557.09	4626.55	0.00	0.00	4658.73	TD

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Turquoise PWU 27 7H / PP	7095.00	-0.51	595.02	593212.40	622930.98	32° 37' 49.838 N	104° 4' 5.841 W
Turquoise PWU 27 7H / BHL	7245.00	-557.09	4626.55	592655.82	626962.51	32° 37' 44.229 N	104° 3' 18.713 W

To convert a Magnetic Direction to a Grid Direction, Add 7.68°

Magnetic Model: BGGM2012 Date: 01-Jul-12
 Azimuths to Grid North



Created By Irma Lecumberry Date 12 44, July 06 2012



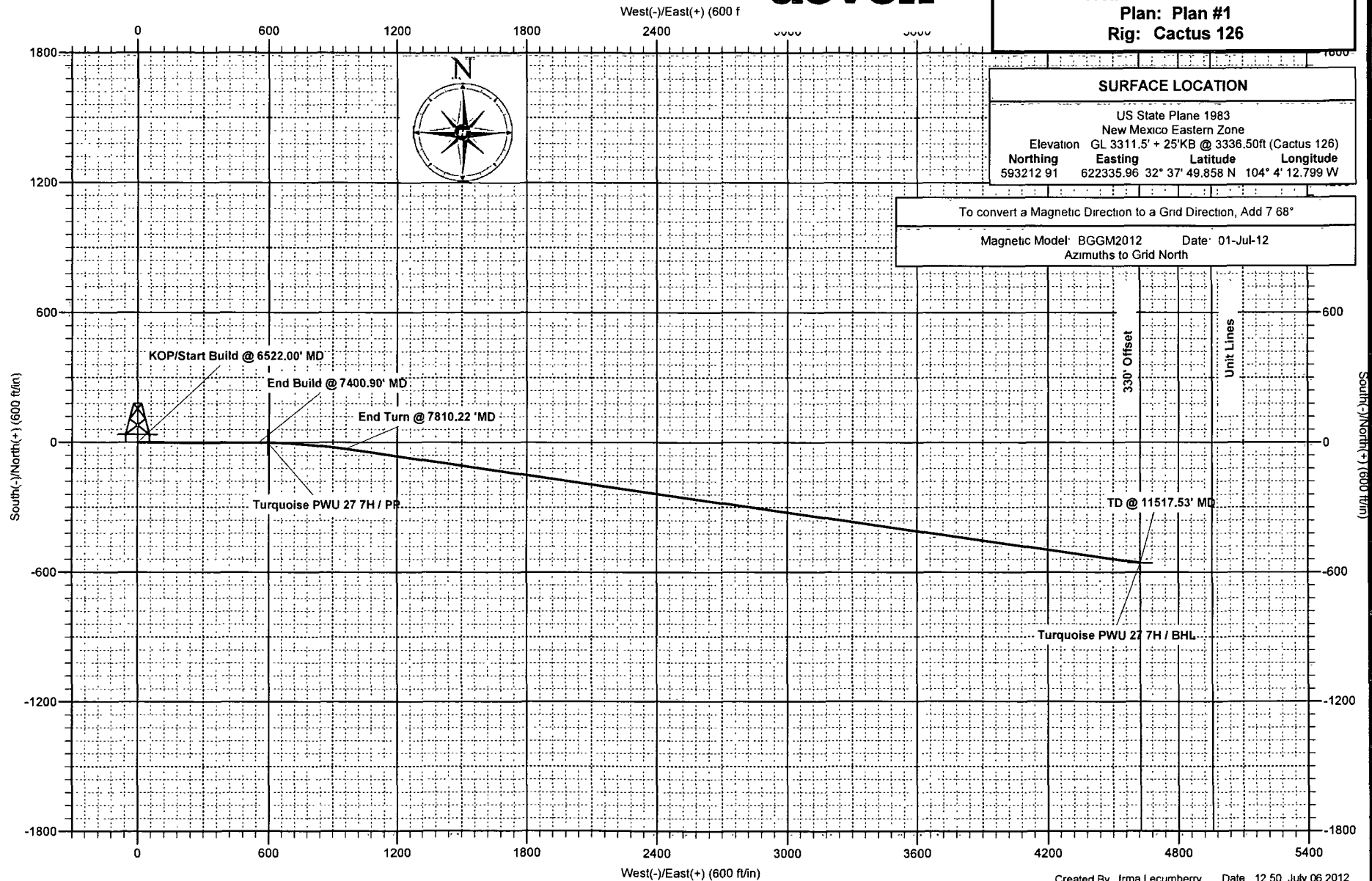
Project: Eddy County, NM (NAD 83)
 Site: Turquoise PWU 27
 Well: Turquoise PWU 27 7H
 Wellbore: Wellbore #1
 Plan: Plan #1
 Rig: Cactus 126

SURFACE LOCATION

US State Plane 1983
 New Mexico Eastern Zone
 Elevation GL 3311.5' + 25'KB @ 3336.50ft (Cactus 126)
 Northing 593212 91 Easting 622335.96 Latitude 32° 37' 49.858 N Longitude 104° 4' 12.799 W

To convert a Magnetic Direction to a Grid Direction, Add 7.68°

Magnetic Model BGGM2012 Date 01-Jul-12
 Azimuths to Grid North



Devon Energy Corporation

Eddy County, NM (NAD 83)

Turquoise PWU 27

Turquoise PWU 27 7H

Wellbore #1

Plan: Plan #1

Sperry Drilling Services Proposal Report

06 July, 2012

Well Coordinates 593,212 91 N, 622,335 96 E (32° 37' 49 86" N, 104° 04' 12 80" W)
Ground Level 3,311 50 ft

Local Coordinate Origin	Centered on Well Turquoise PWU 27 7H
Viewing Datum	GL 3311 5' + 25'KB @ 3336.50ft (Cactus 126)
TVDs to System	N
North Reference	Grid
Unit System	API - US Survey Feet

Version 2003 16 Build. 431

HALLIBURTON

Plan Report for Turquoise PWU 27 7H - Plan #1

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth (°)
0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
25 00	0.00	0 00	25 00	0 00	0 00	0.00	0 00	0 00	0 00	0 00
Rustler										
300 00	0 00	0 00	300 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
Surface Csg										
375 00	0 00	0 00	375.00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
Salado										
1,250 00	0.00	0 00	1,250 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
Tansil Dolomite										
1,390 00	0 00	0 00	1,390 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
Yates										
1,725 00	0 00	0 00	1,725 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
Seven Rivers										
2,155 00	0 00	0 00	2,155 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
Queen										
2,830 00	0 00	0 00	2,830 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
San Andres										
2,850 00	0 00	0 00	2,850.00	0 00	0 00	0 00	0 00	0 00	0.00	0 00
Intermediate Csg										
2,905 00	0 00	0 00	2,905 00	0 00	0 00	0.00	0 00	0 00	0 00	0 00
Delaware										
4,730 00	0 00	0 00	4,730 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
Cutoff Dolomite										
4,785 00	0 00	0 00	4,785 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
Bone Spring Lm										
6,522 00	0 00	0.00	6,522 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
KOP/Start Build @ 6522.00' MD										
6,522 01	0 00	90 00	6,522 01	0 00	0 00	0 00	0 00	0.00	0 00	90 00
Build Rate = 10.00°/100'										
6,600 00	7 80	90 00	6,599 76	0 00	5 30	5 25	10 00	10 00	0 00	90.00
6,700 00	17 80	90 00	6,697 15	0 00	27 43	27 15	10 00	10 00	0 00	0 00
6,800 00	27 80	90 00	6,789 22	0.00	66 13	65 46	10 00	10 00	0 00	0 00
6,900 00	37 80	90 00	6,873 17	0 00	120 23	119 01	10 00	10 00	0 00	0 00
7,000 00	47 80	90 00	6,946 45	0 00	188 09	186 17	10 00	10 00	0 00	0 00
7,032.67	51 07	90 00	6,967 69	0 00	212 90	210 73	10 00	10 00	0 00	0 00
1st Bone Spring Upper Ss										
7,100 00	57 80	90 00	7,006 83	0 00	267 64	264 91	10 00	10 00	0 00	0 00
7,115 98	59 40	90 00	7,015 16	0 00	281 28	278 42	10 00	10 00	0 00	0 00
1st Bone Spring Middle Ss										
7,200.00	67 80	90 00	7,052 48	0 00	356.47	352 84	10 00	10.00	0 00	0 00
7,296 12	77 41	90 00	7,081 19	0 00	448 09	443 52	10 00	10 00	0 00	0 00
1st Bone Spring Middle B Ss										
7,300 00	77 80	90 00	7,082 02	0 00	451 88	447 27	10 00	10 00	0 00	0 00
7,400 00	87 80	90 00	7,094 54	0 00	550 96	545 34	10 00	10 00	0 00	0 00
7,400 90	87 89	90 00	7,094.57	0 00	551 86	546 23	10 00	10 00	0 00	0 00
End Build @ 7400.90' MD										
7,500 00	87 89	91 98	7,098 22	-1 71	650 88	644 48	2 00	0 00	2 00	90 03
7,600 00	87 89	93 98	7,101 90	-6.92	750 67	744 00	2 00	0 00	2 00	89 96
7,700 00	87 90	95 99	7,105 57	-15 60	850 22	843 77	2 00	0 01	2 00	89 88
7,800 00	87 91	97 99	7,109 23	-27 75	949 40	943 67	2 00	0 01	2 00	89 81
7,810 22	87 91	98 19	7,109 60	-29 19	959 51	953 89	2 00	0 01	2 00	89 74
End Turn @ 7810.22' MD - Hold Angle = 87.91°										
7,900.00	87 91	98 19	7,112 88	-41 98	1,048 32	1,043 61	0 00	0.00	0 00	0 00
8,000 00	87 91	98 19	7,116 54	-56 22	1,147 23	1,143 54	0 00	0.00	0 00	0 00
8,100 00	87 91	98 19	7,120 19	-70 45	1,246 15	1,243 47	0 00	0 00	0 00	0 00
8,200 00	87 91	98 19	7,123 84	-84.69	1,345 06	1,343 41	0 00	0 00	0 00	0 00

Plan Report for Turquoise PWU 27 7H - Plan #1

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	Toolface Azimuth (°)
8,300.00	87.91	98.19	7,127.49	-98.93	1,443.97	1,443.34	0.00	0.00	0.00	0.00
8,400.00	87.91	98.19	7,131.14	-113.17	1,542.89	1,543.27	0.00	0.00	0.00	0.00
8,500.00	87.91	98.19	7,134.80	-127.41	1,641.80	1,643.21	0.00	0.00	0.00	0.00
8,600.00	87.91	98.19	7,138.45	-141.65	1,740.71	1,743.14	0.00	0.00	0.00	0.00
8,700.00	87.91	98.19	7,142.10	-155.89	1,839.63	1,843.07	0.00	0.00	0.00	0.00
8,800.00	87.91	98.19	7,145.75	-170.13	1,938.54	1,943.01	0.00	0.00	0.00	0.00
8,900.00	87.91	98.19	7,149.40	-184.37	2,037.45	2,042.94	0.00	0.00	0.00	0.00
9,000.00	87.91	98.19	7,153.06	-198.61	2,136.37	2,142.87	0.00	0.00	0.00	0.00
9,100.00	87.91	98.19	7,156.71	-212.85	2,235.28	2,242.81	0.00	0.00	0.00	0.00
9,200.00	87.91	98.19	7,160.36	-227.09	2,334.20	2,342.74	0.00	0.00	0.00	0.00
9,300.00	87.91	98.19	7,164.01	-241.33	2,433.11	2,442.67	0.00	0.00	0.00	0.00
9,400.00	87.91	98.19	7,167.67	-255.57	2,532.02	2,542.61	0.00	0.00	0.00	0.00
9,500.00	87.91	98.19	7,171.32	-269.81	2,630.94	2,642.54	0.00	0.00	0.00	0.00
9,600.00	87.91	98.19	7,174.97	-284.05	2,729.85	2,742.47	0.00	0.00	0.00	0.00
9,700.00	87.91	98.19	7,178.62	-298.28	2,828.76	2,842.41	0.00	0.00	0.00	0.00
9,800.00	87.91	98.19	7,182.27	-312.52	2,927.68	2,942.34	0.00	0.00	0.00	0.00
9,900.00	87.91	98.19	7,185.93	-326.76	3,026.59	3,042.27	0.00	0.00	0.00	0.00
10,000.00	87.91	98.19	7,189.58	-341.00	3,125.50	3,142.21	0.00	0.00	0.00	0.00
10,100.00	87.91	98.19	7,193.23	-355.24	3,224.42	3,242.14	0.00	0.00	0.00	0.00
10,200.00	87.91	98.19	7,196.88	-369.48	3,323.33	3,342.07	0.00	0.00	0.00	0.00
10,300.00	87.91	98.19	7,200.53	-383.72	3,422.25	3,442.01	0.00	0.00	0.00	0.00
10,400.00	87.91	98.19	7,204.19	-397.96	3,521.16	3,541.94	0.00	0.00	0.00	0.00
10,500.00	87.91	98.19	7,207.84	-412.20	3,620.07	3,641.87	0.00	0.00	0.00	0.00
10,600.00	87.91	98.19	7,211.49	-426.44	3,718.99	3,741.81	0.00	0.00	0.00	0.00
10,700.00	87.91	98.19	7,215.14	-440.68	3,817.90	3,841.74	0.00	0.00	0.00	0.00
10,800.00	87.91	98.19	7,218.79	-454.92	3,916.81	3,941.67	0.00	0.00	0.00	0.00
10,900.00	87.91	98.19	7,222.45	-469.16	4,015.73	4,041.61	0.00	0.00	0.00	0.00
11,000.00	87.91	98.19	7,226.10	-483.40	4,114.64	4,141.54	0.00	0.00	0.00	0.00
11,100.00	87.91	98.19	7,229.75	-497.64	4,213.55	4,241.47	0.00	0.00	0.00	0.00
11,200.00	87.91	98.19	7,233.40	-511.88	4,312.47	4,341.41	0.00	0.00	0.00	0.00
11,300.00	87.91	98.19	7,237.06	-526.11	4,411.38	4,441.34	0.00	0.00	0.00	0.00
11,400.00	87.91	98.19	7,240.71	-540.35	4,510.30	4,541.27	0.00	0.00	0.00	0.00
11,500.00	87.91	98.19	7,244.36	-554.59	4,609.21	4,641.21	0.00	0.00	0.00	0.00
11,517.53	87.91	98.19	7,245.00	-557.09	4,626.55	4,658.72	0.00	0.00	0.00	0.00

TD @ 11517.53' MD - Production Csg - Turquoise PWU 27 7H / BHL

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	+E/-W (ft)	Comment
6,522.00	6,522.00	0.00	0.00	KOP/Start Build @ 6522.00' MD
6,522.01	6,522.01	0.00	0.00	Build Rate = 10.00°/100'
7,400.90	7,094.57	0.00	551.86	End Build @ 7400.90' MD
7,810.22	7,109.60	-29.19	959.51	End Turn @ 7810.22' MD
7,810.22	7,109.60	-29.19	959.51	Hold Angle = 87.91°
11,517.53	7,245.00	-557.09	4,626.55	TD @ 11517.53' MD

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/-S (ft)	Origin +E/-W (ft)	Start TVD (ft)
User	No Target (Freehand)	98.19	Slot	0.00	0.00	0.00

Plan Report for Turquoise PWU 27 7H - Plan #1

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
0 00	11,517 53	Plan #1	MWD

Casing Details

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
300 00	300 00	Surface Csg	13-3/8	17-1/2
2,850 00	2,850 00	Intermediate Csg	9-5/8	12-1/4
11,517.53	7,245 00	Production Csg	5-1/2	8-3/4

Formation Details

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
	7,100 00	1st Bone Sprng Lower Ss		2 09	98 19
25 00	25 00	Rustler		2 09	98 19
375 00	375 00	Salado		2 09	98 19
1,250 00	1,250 00	Tansil Dolomite		2 09	98 19
1,390 00	1,390 00	Yates		2 09	98 19
1,725 00	1,725 00	Seven Rivers		2 09	98 19
2,155 00	2,155 00	Queen		2 09	98 19
2,830 00	2,830 00	San Andres		2 09	98 19
2,905 00	2,905 00	Delaware		2 09	98 19
4,730 00	4,730 00	Cutoff Dolomite		2 09	98 19
4,785 00	4,785 00	Bone Spring Lm		2 09	98 19
7,032 67	6,960 00	1st Bone Sprng Upper Ss		2 09	98 19
7,115 98	7,005 00	1st Bone Sprng Middle Ss		2 09	98 19
7,296 12	7,065 00	1st Bone Sprng Middle B Ss		2 09	98 19

Targets associated with this wellbore

Target Name	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Shape
Turquoise PWU 27 7H / PP	7,095 00	-0 51	595 02	Point
Turquoise PWU 27 7H / BHL	7,245 00	-557 09	4,626 55	Point

North Reference Sheet for Turquoise PWU 27 - Turquoise PWU 27 7H - Wellbore

#1

All data is in US Feet unless otherwise stated Directions and Coordinates are relative to Gnd North Reference

Vertical Depths are relative to GL 3311.5' + 25'KB @ 3336 50ft (Cactus 126) Northing and Easting are relative to Turquoise PWU 27 7H

Coordinate System is US State Plane 1983, New Mexico Eastern Zone using datum North American Datum 1983, ellipsoid GRS 1980

Projection method is Transverse Mercator (Gauss-Kruger)

Central Meridian is -104.33°, Longitude Origin 0° 0' 0.000 E°, Latitude Origin 0° 0' 0.000 N°

False Easting 541,337 50ft, False Northing 0 00ft, Scale Reduction 0 99991660

Gnd Coordinates of Well 593,212.91 ft N, 622,335 96 ft E

Geographical Coordinates of Well 32° 37' 49 86" N, 104° 04' 12 80" W

Grid Convergence at Surface is 0 14°

Based upon Minimum Curvature type calculations, at a Measured Depth of 11,517 53ft

the Bottom Hole Displacement is 4,659 97ft in the Direction of 96 87° (Gnd)

Magnetic Convergence at surface is -7 68° (1 July 2012, , BGGM2012)

