



HOBBS OCD
AUG 29 2016
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Weatherford

Anatolian 22 Federal State Com 1H
Lea Co, NM

Plan Data for Anatolian 22 Federal State Com 1H

Plan Point Information:									
DogLeg Severity Unit: °/100.00ft									
Position offsets from Slot centre									
MD	Inc	Az	TVD	+N/-S	+E/-W	Northing	Easting	VSec	DLS
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(DLSU)
0.00	0.00	0.00	0.00	0.00	0.00	467922.80	809985.30	0.00	0.00
10827.04	0.00	0.00	10827.04	0.00	0.00	467922.80	809985.30	0.00	0.00
11727.04	90.00	354.96	11400.00	570.75	-50.29	468493.55	809935.01	572.96	10.00
15921.79	90.00	354.96	11400.00	4749.30	-418.50	472672.10	809566.80	4767.70	0.00

Plan Data for Anatolian 22 Federal State Com 1H

Slot: Anatolian 22 Federal State Com 1H
Position:
Offset is from Site centre
+N/-S: 0.00USft Northing: 467922.80USft Latitude: 32°17'0.2"
+E/-W: 0.00USft Easting: 809985.30USft Longitude: -103°27'50.5"
Elevation Above VRD: 3471.00USft

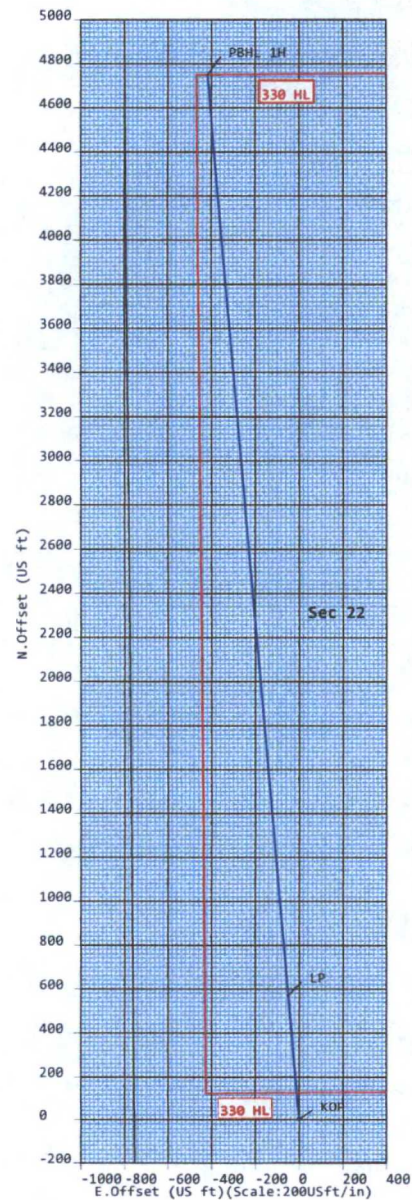
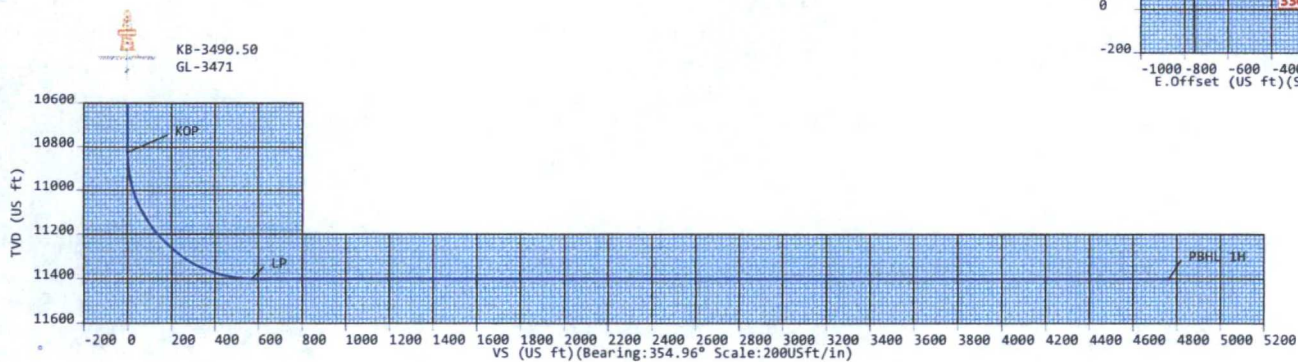
Plan Data for Anatolian 22 Federal State Com 1H

Target Set Information:						
Name: 16						
Position offsets from Slot centre						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape Comment
(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	
PBHL 1H	11400.00	4749.30	-418.50	472672.10	809566.80	Cuboid

Plan Data for Anatolian 22 Federal State Com 1H

Well: Anatolian 22 Federal State Com 1H
Type: Main-Well
File Number:
Plan Folder: P1 Plan: P1:V1
Vertical Section: Position offset of origin from Slot centre:
+N/-S: 0.00USft Azimuth: 354.96°
+E/-W: 0.00USft
Magnetic Parameters:
Model: Field Strength: Declination: Dip: Date:
BGM 48259(nT) 7.17° 60.22° 2015-10-15

Anatolian 22 Federal State Com 1H



Sign Off: Russell Joyner

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5D Plan Report

GMT Exploration Co., LLC

Field Name: *Lea Co., New Mexico (NAD 83 NME)*
Site Name: *Anatolian 22 Federal State Com 1H*
Well Name: *Anatolian 22 Federal State Com 1H*
Plan: *P1:V1*

28 May 2015



Field Name Lea Co., New Mexico (NAD 83 NME)	Map Units : US ft		Company Name : GMT Exploration Co., LLC	
	Vertical Reference Datum (VRD) : Mean Sea Level			
Projected Coordinate System : NAD83 / New Mexico East (ftUS)				
Comment :				
Site Name Anatolian 22 Federal State Com 1H	Units : US ft	North Reference : Grid	Convergence Angle : 0.46	
	Position	Northing : 467922.80 US ft	Latitude : 32° 17' 0.25"	
		Easting : 809985.30 US ft	Longitude : -103° 27' 50.49"	
Elevation above Mean Sea Level: 3471.00 US ft				
Comment :				
Slot Name Anatolian 22 Federal State Com 1H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.00 US ft	Northing : 467922.80 US ft	Latitude : 32°17'0.25"	
	+E / -W : 0.00 US ft	Easting : 809985.30 US ft	Longitude : -103°27'50.49"	
	Slot TVD Reference : Ground Elevation			
Elevation above Mean Sea Level : 3471.00 US ft				
Comment :				
Well Name Anatolian 22 Federal State Com 1H	Type : Main well	UWI :	Plan : P1:V1	
	Rig Height <i>Kelly Bushing</i> : 19.50 US ft	Comment :		
	Relative to Mean Sea Level: 3490.50 US ft			
	Closure Distance : 4767.7 US ft	Closure Azimuth : 354.964°		
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 US ft	+E / -W : 0.00 US ft	Az : 354.96°	
	Magnetic Parameters			
Model : BGGM	Field Strength : 48259.9nT	Dec : 7.17°	Dip : 60.22°	Date : 15/Oct/2015

Name : 16		Number of Targets : 1	
Comment :			
Target Name: PBHL 1H	Position (Relative to Slot centre)		
	+N / -S : 4749.30US ft	Northing : 472672.10 US ft	Latitude : 32°17'47.27"
	+E / -W : -418.50 US ft	Easting : 809566.80US ft	Longitude : -103°27'54.91"
Shape:	TVD (Kelly Bushing) : 11400.00 US ft		
Cuboid	Orientation	Azimuth : 0.00°	Inclination : 0.00°
	Dimensions	Length : 0.00 US ft	Breadth : 0.00 US ft
			Height : 0.00 US ft

SD Plan Report

Salient Points (Relative to Slot centre, TVD relative to Kelly Bushing)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (°/100 US ft)	B.Rate (°/100 US ft)	T.Rate (°/100 US ft)	T.Face (°)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10827.04	0.00	0.00	10827.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
11727.04	90.00	354.96	11400.00	570.75	-50.29	572.96	10.00	10.00	0.00	354.96	LP
15921.79	90.00	354.96	11400.00	4749.30	-418.50	4767.70	0.00	0.00	0.00	0.00	PBHL 1H

Interpolated Points (Relative to Slot centre, TVD relative to Kelly Bushing)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (°/100 US ft)	Northing (US ft)	Easting (US ft)	Comment
10800.00	0.00	0.00	10800.00	0.00	0.00	0.00	0.00	467922.80	809985.30	
10827.04	0.00	0.00	10827.04	0.00	0.00	0.00	0.00	467922.80	809985.30	KOP
10900.00	7.30	354.96	10899.80	4.62	-0.41	4.64	10.00	467927.42	809984.89	
11000.00	17.30	354.96	10997.39	25.81	-2.27	25.91	10.00	467948.61	809983.03	
11100.00	27.30	354.96	11089.79	63.55	-5.60	63.80	10.00	467986.35	809979.70	
11200.00	37.30	354.96	11174.21	116.71	-10.28	117.16	10.00	468039.51	809975.02	
11300.00	47.30	354.96	11248.09	183.66	-16.18	184.37	10.00	468106.46	809969.12	
11400.00	57.30	354.96	11309.17	262.37	-23.12	263.39	10.00	468185.17	809962.18	
11500.00	67.30	354.96	11355.60	350.45	-30.88	351.81	10.00	468273.25	809954.42	
11600.00	77.30	354.96	11385.97	445.23	-39.23	446.96	10.00	468368.03	809946.07	
11700.00	87.30	354.96	11399.36	543.82	-47.92	545.93	10.00	468466.62	809937.38	
11727.04	90.00	354.96	11400.00	570.75	-50.29	572.96	10.00	468493.55	809935.01	LP
11800.00	90.00	354.96	11400.00	643.42	-56.70	645.92	0.00	468566.22	809928.60	
11900.00	90.00	354.96	11400.00	743.04	-65.48	745.92	0.00	468665.84	809919.82	
12000.00	90.00	354.96	11400.00	842.65	-74.25	845.92	0.00	468765.45	809911.05	
12100.00	90.00	354.96	11400.00	942.27	-83.03	945.92	0.00	468865.07	809902.27	
12200.00	90.00	354.96	11400.00	1041.88	-91.81	1045.92	0.00	468964.68	809893.49	
12300.00	90.00	354.96	11400.00	1141.49	-100.59	1145.92	0.00	469064.29	809884.71	
12400.00	90.00	354.96	11400.00	1241.11	-109.36	1245.92	0.00	469163.91	809875.94	
12500.00	90.00	354.96	11400.00	1340.72	-118.14	1345.92	0.00	469263.52	809867.16	
12600.00	90.00	354.96	11400.00	1440.34	-126.92	1445.92	0.00	469363.14	809858.38	
12700.00	90.00	354.96	11400.00	1539.95	-135.70	1545.92	0.00	469462.75	809849.60	
12800.00	90.00	354.96	11400.00	1639.56	-144.48	1645.92	0.00	469562.36	809840.82	
12900.00	90.00	354.96	11400.00	1739.18	-153.25	1745.92	0.00	469661.98	809832.05	
13000.00	90.00	354.96	11400.00	1838.79	-162.03	1845.92	0.00	469761.59	809823.27	
13100.00	90.00	354.96	11400.00	1938.41	-170.81	1945.92	0.00	469861.21	809814.49	
13200.00	90.00	354.96	11400.00	2038.02	-179.59	2045.92	0.00	469960.82	809805.71	
13300.00	90.00	354.96	11400.00	2137.63	-188.36	2145.92	0.00	470060.43	809796.94	
13400.00	90.00	354.96	11400.00	2237.25	-197.14	2245.92	0.00	470160.05	809788.16	
13500.00	90.00	354.96	11400.00	2336.86	-205.92	2345.92	0.00	470259.66	809779.38	
13600.00	90.00	354.96	11400.00	2436.48	-214.70	2445.92	0.00	470359.28	809770.60	
13700.00	90.00	354.96	11400.00	2536.09	-223.48	2545.92	0.00	470458.89	809761.82	
13800.00	90.00	354.96	11400.00	2635.70	-232.25	2645.92	0.00	470558.50	809753.05	
13900.00	90.00	354.96	11400.00	2735.32	-241.03	2745.92	0.00	470658.12	809744.27	
14000.00	90.00	354.96	11400.00	2834.93	-249.81	2845.92	0.00	470757.73	809735.49	
14100.00	90.00	354.96	11400.00	2934.55	-258.59	2945.92	0.00	470857.35	809726.71	
14200.00	90.00	354.96	11400.00	3034.16	-267.36	3045.92	0.00	470956.96	809717.94	
14300.00	90.00	354.96	11400.00	3133.77	-276.14	3145.92	0.00	471056.57	809709.16	
14400.00	90.00	354.96	11400.00	3233.39	-284.92	3245.92	0.00	471156.19	809700.38	
14500.00	90.00	354.96	11400.00	3333.00	-293.70	3345.92	0.00	471255.80	809691.60	
14600.00	90.00	354.96	11400.00	3432.62	-302.48	3445.92	0.00	471355.42	809682.82	
14700.00	90.00	354.96	11400.00	3532.23	-311.25	3545.92	0.00	471455.03	809674.05	
14800.00	90.00	354.96	11400.00	3631.84	-320.03	3645.92	0.00	471554.64	809665.27	
14900.00	90.00	354.96	11400.00	3731.46	-328.81	3745.92	0.00	471654.26	809656.49	
15000.00	90.00	354.96	11400.00	3831.07	-337.59	3845.92	0.00	471753.87	809647.71	
15100.00	90.00	354.96	11400.00	3930.69	-346.37	3945.92	0.00	471853.49	809638.93	
15200.00	90.00	354.96	11400.00	4030.30	-355.14	4045.92	0.00	471953.10	809630.16	
15300.00	90.00	354.96	11400.00	4129.91	-363.92	4145.92	0.00	472052.71	809621.38	
15400.00	90.00	354.96	11400.00	4229.53	-372.70	4245.92	0.00	472152.33	809612.60	
15500.00	90.00	354.96	11400.00	4329.14	-381.48	4345.92	0.00	472251.94	809603.82	
15600.00	90.00	354.96	11400.00	4428.76	-390.25	4445.92	0.00	472351.56	809595.05	

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Kelly Bushing)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (°/100 US ft)	Northing (US ft)	Easting (US ft)	Comment
15700.00	90.00	354.96	11400.00	4528.37	-399.03	4545.92	0.00	472451.17	809586.27	
15800.00	90.00	354.96	11400.00	4627.98	-407.81	4645.92	0.00	472550.78	809577.49	
15900.00	90.00	354.96	11400.00	4727.60	-416.59	4745.92	0.00	472650.40	809568.71	
15921.79	90.00	354.96	11400.00	4749.30	-418.50	4767.70	0.00	472672.10	809566.80	PBHL 1H

**Weatherford**

Weatherford Drilling Services

GeoDec4 v2.1.0.0

Report Date: May 28, 2015
Job Number: _____
Customer: GMT Exploration Company, LLC
Well Name: Anatolian 22 Federal State Com 1H
API Number: _____
Rig Name: _____
Location: Lea Co, NM Nad83 NME
Block: _____
Engineer: RWJ

NAD83 / New Mexico East (ftUS)	NAD83 (1986)
Projected Coordinate System	Geodetic Coordinate System
Datum: North American Datum 1983 (1986)	Datum: North American Datum 1983 (1986)
Ellipsoid: GRS 1980	Ellipsoid: GRS 1980
EPSG: 2257	EPSG: 4269
North: 467922.80 US Survey Foot	Latitude: 32.283401 Degree
East: 809985.30 US Survey Foot	Longitude: -103.464024 Degree
Convergence: 0.46°	
Declination: 7.17°	
Total Correction: 6.71°	
Datum Transformation: none	

Geodetic Location WGS84

MSL Elevation = 0 m
Latitude = 32° 17' 00.25" N
Longitude = 103° 27' 50.49" W

Magnetic Declination = 7.17 deg	[True North Offset]
Local Gravity = .9988 g	Checksum = 6511
Local Field Strength = 48260 nT	Magnetic Vector X = 23785 nT
Magnetic Dip = 60.22 deg	Magnetic Vector Y = 2992 nT
Magnetic Model = bggm2015.dat	Magnetic Vector Z = 41885 nT
Run Date = October 15, 2015	Magnetic Vector H = 23972 nT

Signed: _____ Date: _____