



Weatherford*

Evaluation, Drilling & Intervention

10000 West County Rd. 116

P.O. Box 61028

Midland, TX USA 79711

Tel. (432) 561-8892 Fax (432) 561-8895

30-015-42345

Devon Energy
333 W. Sheridan Ave
Oklahoma City, OK, 73102

NM OIL CONSERVATION Date: April 7, 2015
ARTESIA DISTRICT

JAN 21 2016

Attention: Art Alarcon

RECEIVED

Re: Devon Energy
Well: Mizar 11 Fed Com 2H
Eddy County, New Mexico

Enclosed, please find the original survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows:

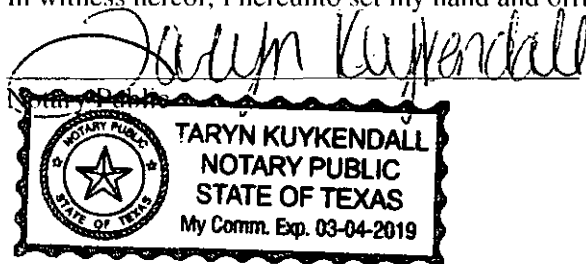
<u>Name & Title Of Surveyor</u>	<u>Well Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Tanner Baur MWD Supervisor	2H Pilot	4376 MD 10121 MD	3/16/2015 3/22/2015	Measurement While Drilling
Tanner Baur MWD Supervisor	2H Lat	8620 MD 13698 MD	3/26/2015 4/3/2015	Measurement While Drilling

A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesse Aguilar
MWD Ops Coordinator

On this, the 22nd day of April, 2015, before me a notary public, the undersigned officer, personally appeared Jesse Aguilar, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.



5D Survey Report

Devon Energy

Field Name: *Eddy Co, NM (Nad 83 NME)*
Site Name: *Hadar 10 Fed Com 2H, Mizar 11 Fed Com 2H Pad*
Well Name: *Mizar 11 Fed Com 2H Pilot*
Survey: *Wft MWD Svy*

23 March 2015



Mizar 11 Fed Com 2H Pilot

Field Name Eddy Co, NM (Nad 83 NME)	Map Units : US ft		Company Name : Devon Energy	
	Vertical Reference Datum (VRD) : Mean Sea Level			
	Projected Coordinate System : NAD83 / New Mexico East (ftUS)			
	Comment :			
Site Name Hadar 10 Fed Com 2H,Mizar 11 Fed Com 2H Pad	Units : US ft	North Reference : Grid	Convergence Angle : 0.26	
	Position	Northing : 610339.65 US ft	Latitude : 32° 40' 36.95"	
		Easting : 690523.81 US ft	Longitude : -103° 50' 54.51"	
	Elevation above Mean Sea Level: 3579.00 US ft			
	Comment :			
Slot Name Mizar 11 Fed Com 2H	Position (Offsets relative to Site Centre)			
	+N / -S : -49.98 US ft	Northing : 610289.67 US ft	Latitude : 32°40'36.46"	
	+E / -W : 0.39 US ft	Easting : 690524.20 US ft	Longitude : -103°50'54.51"	
	Slot TVD Reference : Ground Elevation			
	Elevation above Mean Sea Level : 3578.00 US ft			
	Comment :			
Well Name Mizar 11 Fed Com 2H Pilot	Type : Main well		UWI :	
	Rig Height <i>Kelly Bushing</i> : 25.00 US ft		Comment :	
	Relative to Mean Sea Level: 3603.00 US ft			
	Closure Distance : 313.357 US ft		Closure Azimuth : 169.638°	
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 US ft		+E / -W : 0.00 US ft	Az : 89.50°

Survey Name : Wft MWD Svy

Date : 18/Mar/2015	Survey Tool : MWD	Comment :	Company : Wft
Magnetic Model			
Model Name: BGGM	Date: 10/Mar/2015	Field Strength: 48457.1 nT	Declination: 7.47° Dip: 60.46°
Tie Point			
MD: 4331	Inclination: 0.4	Azimuth: 70.38	TVD: 4330.68 North Offset: 2.59256 East Offset: 31.3801

Well path created using minimum curvature

Survey 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
4376.00	0.55	59.14	4375.68	2.76	31.71	31.74	0.00	610292.43	690555.91	First Wft Svy
4471.00	1.13	175.93	4470.67	2.06	32.17	32.19	1.54	610291.73	690556.37	
4566.00	3.26	183.27	4565.60	-1.58	32.08	32.07	2.26	610288.09	690556.28	
4659.00	4.87	176.36	4658.36	-8.16	32.18	32.11	1.81	610281.51	690556.38	
4755.00	6.36	174.45	4753.90	-17.52	32.96	32.80	1.56	610272.15	690557.16	
4849.00	6.13	174.51	4847.34	-27.69	33.94	33.70	0.24	610261.98	690558.14	
4945.00	5.75	175.20	4942.82	-37.59	34.83	34.50	0.40	610252.08	690559.03	
5040.00	5.98	176.87	5037.33	-47.27	35.50	35.09	0.30	610242.40	690559.70	
5135.00	6.83	179.28	5131.73	-57.86	35.84	35.34	0.94	610231.81	690560.04	
5231.00	6.86	179.91	5227.05	-69.30	35.92	35.32	0.08	610220.37	690560.12	

5D Survey Report

Survey 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
5326.00	6.67	179.75	5321.39	-80.49	35.96	35.25	0.20	610209.18	690560.16	
5421.00	6.55	180.49	5415.76	-91.43	35.93	35.13	0.15	610198.24	690560.13	
5516.00	6.27	181.20	5510.16	-102.03	35.78	34.89	0.31	610187.64	690559.98	
5612.00	6.70	177.35	5605.55	-112.87	35.93	34.94	0.64	610176.80	690560.13	
5707.00	6.45	176.83	5699.92	-123.73	36.48	35.40	0.27	610165.94	690560.68	
5803.00	6.40	176.78	5795.32	-134.46	37.08	35.90	0.05	610155.21	690561.28	
5898.00	6.21	178.33	5889.75	-144.88	37.53	36.26	0.27	610144.79	690561.73	
5993.00	6.97	180.37	5984.12	-155.78	37.64	36.28	0.84	610133.89	690561.84	
6088.00	6.99	181.81	6078.41	-167.32	37.42	35.96	0.19	610122.35	690561.62	
6183.00	6.72	182.10	6172.73	-178.65	37.03	35.47	0.29	610111.02	690561.23	
6278.00	6.62	183.25	6267.09	-189.68	36.52	34.86	0.18	610099.99	690560.72	
6371.00	6.31	183.44	6359.50	-200.13	35.91	34.16	0.33	610089.54	690560.11	
6466.00	7.17	178.69	6453.84	-211.27	35.73	33.88	1.08	610078.40	690559.93	
6561.00	6.71	177.96	6548.15	-222.74	36.06	34.12	0.49	610066.93	690560.26	
6656.00	6.46	178.70	6642.52	-233.63	36.38	34.34	0.28	610056.04	690560.58	
6751.00	6.14	179.18	6736.95	-244.05	36.58	34.44	0.34	610045.62	690560.78	
6843.00	5.56	179.19	6828.47	-253.43	36.71	34.50	0.63	610036.24	690560.91	
6938.00	5.40	179.54	6923.03	-262.50	36.81	34.52	0.17	610027.17	690561.01	
7033.00	5.03	180.09	7017.64	-271.14	36.84	34.47	0.39	610018.53	690561.04	
7129.00	4.51	179.74	7113.31	-279.12	36.85	34.41	0.54	610010.55	690561.05	
7224.00	3.99	177.25	7208.04	-286.16	37.03	34.53	0.58	610003.51	690561.23	
7319.00	3.57	177.93	7302.84	-292.41	37.29	34.74	0.44	609997.26	690561.49	
7415.00	2.58	184.83	7398.70	-297.55	37.22	34.62	1.10	609992.12	690561.42	
7510.00	1.68	189.47	7493.63	-301.06	36.81	34.18	0.96	609988.61	690561.01	
7605.00	0.76	203.88	7588.61	-303.01	36.32	33.68	1.01	609986.66	690560.52	
7701.00	0.85	218.24	7684.60	-304.15	35.62	32.97	0.23	609985.52	690559.82	
7796.00	0.42	212.20	7779.59	-305.00	35.00	32.34	0.46	609984.67	690559.20	
7891.00	0.31	124.13	7874.59	-305.44	35.03	32.36	0.54	609984.23	690559.23	
7987.00	0.63	98.39	7970.59	-305.66	35.77	33.10	0.39	609984.01	690559.97	
8081.00	0.91	83.98	8064.58	-305.66	37.02	34.35	0.36	609984.01	690561.22	
8176.00	0.53	45.19	8159.57	-305.27	38.08	35.42	0.63	609984.40	690562.28	
8271.00	0.51	40.33	8254.57	-304.64	38.67	36.01	0.05	609985.03	690562.87	
8367.00	0.45	61.89	8350.57	-304.13	39.28	36.62	0.20	609985.54	690563.48	
8461.00	0.63	66.46	8444.56	-303.75	40.08	37.42	0.20	609985.92	690564.28	
8557.00	0.64	68.13	8540.56	-303.34	41.06	38.41	0.02	609986.33	690565.26	
8651.00	0.78	95.93	8634.55	-303.21	42.18	39.53	0.39	609986.46	690566.38	
8746.00	1.13	98.58	8729.54	-303.42	43.75	41.10	0.37	609986.25	690567.95	
8841.00	1.09	101.14	8824.52	-303.73	45.56	42.91	0.07	609985.94	690569.76	
8937.00	0.56	128.98	8920.51	-304.20	46.82	44.17	0.68	609985.47	690571.02	
9032.00	0.78	133.91	9015.50	-304.94	47.65	44.99	0.24	609984.73	690571.85	
9128.00	0.95	160.41	9111.49	-306.15	48.39	45.72	0.45	609983.52	690572.59	
9223.00	0.91	195.02	9206.48	-307.62	48.46	45.77	0.58	609982.05	690572.66	
9319.00	0.28	149.19	9302.47	-308.56	48.38	45.69	0.77	609981.11	690572.58	
9414.00	0.91	116.81	9397.47	-309.10	49.17	46.47	0.73	609980.57	690573.37	
9509.00	0.66	115.20	9492.46	-309.67	50.34	47.64	0.26	609980.00	690574.54	
9605.00	0.55	127.28	9588.45	-310.18	51.21	48.50	0.17	609979.49	690575.41	
9701.00	0.29	118.88	9684.45	-310.58	51.79	49.07	0.28	609979.09	690575.99	
9796.00	0.36	63.46	9779.45	-310.56	52.26	49.55	0.32	609979.11	690576.46	
9891.00	0.58	47.14	9874.45	-310.10	52.88	50.18	0.27	609979.57	690577.08	
9986.00	0.60	60.88	9969.44	-309.53	53.67	50.97	0.15	609980.14	690577.87	
10081.00	0.80	69.21	10064.44	-309.06	54.73	52.03	0.24	609980.61	690578.93	
10121.00	0.92	64.42	10104.43	-308.82	55.28	52.58	0.35	609980.85	690579.48	Last Wft Svy
10192.00	1.06	60.38	10175.42	-308.25	56.36	53.67	0.22	609981.42	690580.56	Proj. To Bit



Mizar 11 Fed Com 2H
Eddy Co, NM
Lateral



Plan Data for Mizar 11 Fed Com 2H Lat

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)
12402.00	98.56	88.03	9067.03	-274.63	3555.64	610015.64	694119.84	3593.11	2.71
12479.00	98.56	88.03	9066.28	-271.98	3672.59	610017.69	694196.79	3670.00	0.00
12559.05	98.50	89.63	9065.54	-270.34	3752.62	610019.33	694276.82	3750.12	2.00
12659.05	98.50	89.63	9064.67	-269.70	3852.62	610019.97	694376.82	3850.12	0.00
12659.54	98.55	89.63	9064.66	-269.69	3853.10	610019.98	694377.30	3850.60	10.00
13774.04	98.55	89.63	9054.00	-262.41	4967.53	610027.26	695491.73	4965.05	0.00

Plan Data for Mizar 11 Fed Com 2H Lat

Slot: Mizar 11 Fed Com 2H
Position:
Offset is from Site centre
+N/-S: -49.98USft Northing: 610289.67USft Latitude: 32°40'36.5"
+E/-W: 0.39USft Easting: 690524.20USft Longitude: -103°50'54.5"
Elevation Above VRD: 3578.00USft

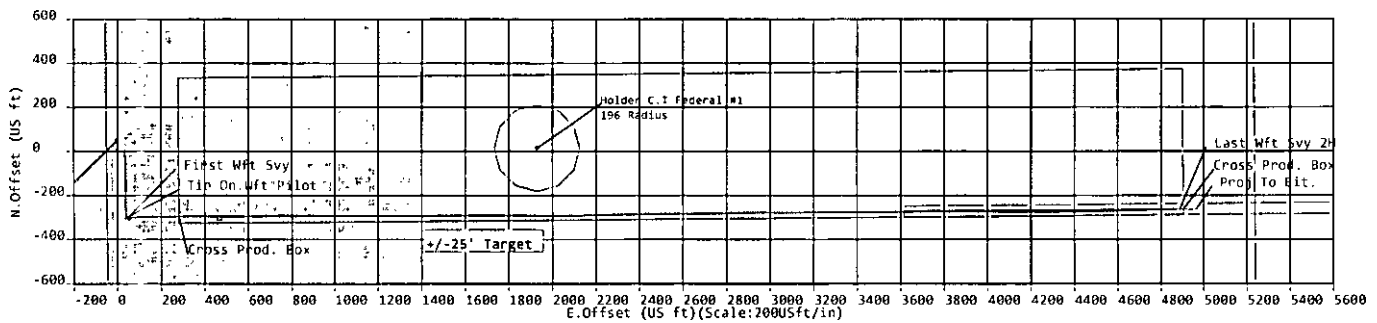
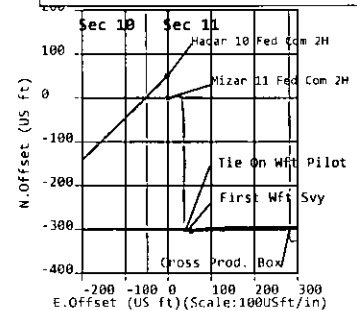
Plan Data for Mizar 11 Fed Com 2H Lat

Well: Mizar 11 Fed Com 2H Lat
Type: Side-track
File Number:
Plan Folder: P4 Plan: P4.V1
Vertical Section: Position offset of origin from Slot centre:
+N/-S: 0.00USft Azimuth: 89.50°
+E/-W: 0.00USft
Magnetic Parameters:
Model: Field Strength: Declination: Dip: Date:
R/GM 48457(nT) 7.47° 60.4n° 2015-03-10

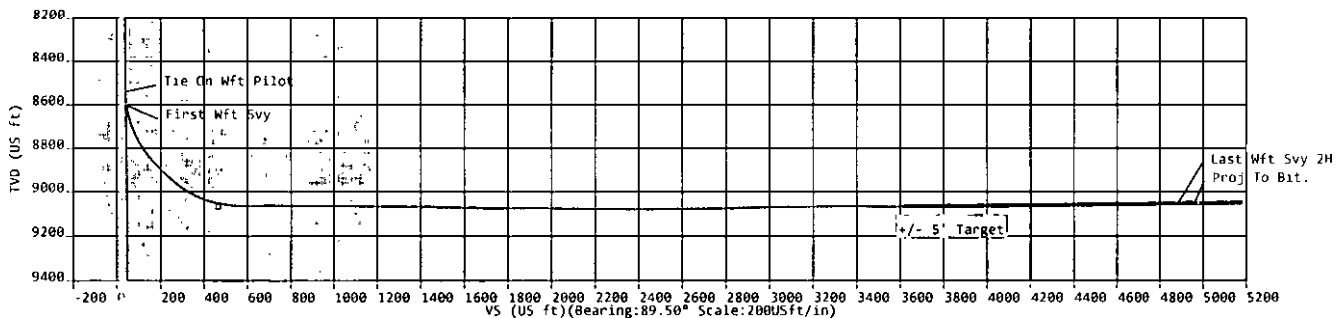
Plan Data for Mizar 11 Fed Com 2H Lat

Target Set Information:
Name: Mizar 11 Fed Com 2H
Position offsets from Slot centre
Name TVD +N/-S +E/-W Northing Easting Shape Comment
(USft) (USft) (USft) (USft)
LP Tgt 9068.00 -301.90 467.38 609987.77 690991.50 Cuboid
PBHL 2H 9054.00 -262.41 4967.53 610027.26 695491.73 Cuboid

Mizar 11 Fed Com 2H Lat
Hadar 10 Fed Com 2H
Mizar 11 Fed Com 2H Pilot
Holder C.T Federal #1
Mizar 11 Fed Com 2H Lat



KB-3604
GL-3579



Sign Off: Russell Joyner

5D Survey Report

Devon Energy

Field Name: *Eddy Co, NM (Nad 83 NME)*
Site Name: *Hadar 10 Fed Com 2H, Mizar 11 Fed Com 2H Pad*
Well Name: *Mizar 11 Fed Com 2H Lat*
Survey: *Wft MWD Svy*

03 April 2015



Mizar 11 Fed Com 2H Lat

Field Name Eddy Co, NM (Nad 83 NME)	Map Units : US ft		Company Name : Devon Energy	
	Vertical Reference Datum (VRD) : Mean Sea Level			
	Projected Coordinate System : NAD83 / New Mexico East (ftUS)			
	Comment :			
Site Name Hadar 10 Fed Com 2H,Mizar 11 Fed Com 2H Pad	Units : US ft	North Reference : Grid	Convergence Angle : 0.26	
	Position	Northing : 610339.65 US ft	Latitude : 32° 40' 36.95"	
		Easting : 690523.81 US ft	Longitude : -103° 50' 54.51"	
	Elevation above Mean Sea Level:3579.00 US ft			
Comment :				
Slot Name Mizar 11 Fed Com 2H	Position (Offsets relative to Site Centre)			
	+N / -S : -49.98 US ft	Northing :610289.67 US ft	Latitude : 32°40'36.46"	
	+E / -W : 0.39 US ft	Easting :690524.20 US ft	Longitude : -103°50'54.51"	
	Slot TVD Reference : Ground Elevation			
	Elevation above Mean Sea Level : 3578.00 US ft			
	Comment :			
Well Name Mizar 11 Fed Com 2H Lat	Type : Sidetrack		UWI :	
	Parent : Mizar 11 Fed Com 2H Pilot		Tie Point Method : MD	Tie Point :8557.00 US ft
	Rig Height <i>Kelly Bushing</i> : 25.00 US ft		Comment :	
	Relative to Mean Sea Level: 3603.00 US ft			
	Closure Distance : 4975.11 US ft		Closure Azimuth : 93.0234°	
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 US ft		+E / -W : 0.00 US ft	Az :89.50°

Survey Name :Wft MWD Svy

Date : 27/Mar/2015	Survey Tool : MWD	Comment :	Company :
Magnetic Model			
Model Name: BGGM	Date: 10/Mar/2015	Field Strength: 48457.1 nT	Declination: 7.47° Dip: 60.46°
Tie Point			
MD: 8557	Inclination: 0.64	Azimuth: 68.13	TVD: 8540.56 North Offset: -303.341 East Offset: 41.058

Well path created using minimum curvature

Survey 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
8620.00	8.34	81.66	8603.32	-302.55	45.91	43.27	0.00	609987.12	690570.11	First Wft Svy
8651.00	11.78	84.18	8633.84	-301.90	51.29	48.65	11.18	609987.77	690575.49	
8683.00	15.18	86.62	8664.95	-301.32	58.72	56.09	10.77	609988.35	690582.92	
8715.00	19.03	85.88	8695.53	-300.70	68.11	65.48	12.05	609988.97	690592.31	
8747.00	23.29	84.68	8725.36	-299.74	79.62	77.00	13.38	609989.93	690603.82	
8778.00	26.88	84.96	8753.44	-298.55	92.71	90.10	11.59	609991.12	690616.91	
8810.00	30.88	87.30	8781.45	-297.53	108.12	105.52	12.99	609992.14	690632.32	
8842.00	35.08	89.21	8808.29	-297.02	125.53	122.93	13.52	609992.65	690649.73	
8874.00	38.16	89.59	8833.97	-296.82	144.61	142.02	9.65	609992.85	690668.81	

5D Survey Report

Survey 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
8905.00	40.71	89.67	8857.91	-296.69	164.30	161.71	8.23	609992.98	690688.50	
8937.00	42.92	89.75	8881.76	-296.58	185.63	183.04	6.91	609993.09	690709.83	
8969.00	45.13	90.01	8904.77	-296.54	207.87	205.28	6.93	609993.13	690732.07	
9001.00	47.44	89.59	8926.88	-296.46	231.00	228.40	7.28	609993.21	690755.20	
9033.00	49.80	89.27	8948.03	-296.22	255.01	252.41	7.41	609993.45	690779.21	
9064.00	52.39	88.65	8967.50	-295.78	279.12	276.53	8.50	609993.89	690803.32	
9068.00	52.86	88.68	8969.93	-295.70	282.30	279.71	11.86	609993.97	690806.50	Cross Prod. Box
9096.00	56.18	88.88	8986.18	-295.22	305.10	302.51	11.86	609994.45	690829.30	
9128.00	60.43	89.15	9002.98	-294.75	332.31	329.73	13.30	609994.92	690856.51	
9160.00	64.38	89.89	9017.80	-294.52	360.67	358.08	12.51	609995.15	690884.87	
9192.00	68.87	90.25	9030.50	-294.55	390.03	387.45	14.07	609995.12	690914.23	
9224.00	73.19	90.70	9040.90	-294.81	420.29	417.70	13.57	609994.86	690944.49	
9255.00	77.68	90.30	9048.69	-295.07	450.28	447.69	14.54	609994.60	690974.48	
9287.00	80.58	90.10	9054.73	-295.18	481.70	479.11	9.08	609994.49	691005.90	
9321.00	83.48	89.74	9059.44	-295.13	515.37	512.78	8.59	609994.54	691039.57	
9353.00	85.24	89.85	9062.58	-295.02	547.21	544.62	5.51	609994.65	691071.41	
9385.00	88.32	89.54	9064.38	-294.84	579.16	576.56	9.67	609994.83	691103.36	
9417.00	91.12	89.10	9064.54	-294.47	611.15	608.56	8.86	609995.20	691135.35	
9449.00	91.96	89.10	9063.68	-293.96	643.14	640.55	2.62	609995.71	691167.34	
9480.00	91.68	89.76	9062.69	-293.65	674.12	671.53	2.31	609996.02	691198.32	
9544.00	89.02	89.66	9062.30	-293.33	738.11	735.52	4.16	609996.34	691262.31	
9540.00	89.30	89.84	9063.71	-292.91	834.10	831.51	0.35	609996.76	691358.30	
9735.00	90.21	90.05	9064.12	-292.82	929.10	926.51	0.98	609996.85	691453.30	
9830.00	89.16	89.92	9064.64	-292.80	1024.10	1021.50	1.11	609996.87	691548.30	
9925.00	89.16	89.75	9066.03	-292.52	1119.09	1116.49	0.18	609997.15	691643.29	
10020.00	89.93	90.06	9066.78	-292.36	1214.08	1211.48	0.87	609997.31	691738.28	
10052.00	90.28	90.43	9066.73	-292.50	1246.08	1243.48	1.59	609997.17	691770.28	
10084.00	90.14	90.34	9066.61	-292.72	1278.08	1275.48	0.52	609996.95	691802.28	
10115.00	89.16	89.89	9066.80	-292.78	1309.08	1306.47	3.48	609996.89	691833.28	
10147.00	89.51	89.95	9067.17	-292.73	1341.08	1338.47	1.11	609996.94	691865.28	
10179.00	89.65	90.05	9067.40	-292.73	1373.08	1370.47	0.54	609996.94	691897.28	
10211.00	89.72	90.25	9067.58	-292.82	1405.08	1402.47	0.66	609996.85	691929.28	
10243.00	88.67	89.59	9068.03	-292.77	1437.07	1434.46	3.88	609996.90	691961.27	
10275.00	88.46	89.31	9068.83	-292.47	1469.06	1466.45	1.09	609997.20	691993.26	
10306.00	88.74	89.48	9069.59	-292.14	1500.05	1497.44	1.06	609997.53	692024.25	
10337.00	88.74	89.32	9070.27	-291.81	1531.04	1528.44	0.52	609997.86	692055.24	
10369.00	88.74	89.65	9070.97	-291.53	1563.03	1560.43	1.03	609998.14	692087.23	
10401.00	88.67	89.76	9071.70	-291.36	1595.02	1592.42	0.41	609998.31	692119.22	
10432.00	88.81	89.70	9072.38	-291.22	1626.01	1623.41	0.49	609998.45	692150.21	
10464.00	89.09	90.02	9072.97	-291.14	1658.01	1655.41	1.33	609998.53	692182.21	
10495.00	89.16	89.92	9073.44	-291.12	1689.01	1686.40	0.39	609998.55	692213.21	
10589.00	90.56	90.10	9073.67	-291.14	1783.00	1780.39	1.50	609998.53	692307.20	
10684.00	91.05	90.56	9072.33	-291.69	1877.99	1875.37	0.71	609997.98	692402.19	
10780.00	88.46	90.32	9072.74	-292.42	1973.98	1971.35	2.71	609997.25	692498.18	
10875.00	88.88	89.07	9074.95	-291.92	2068.95	2066.32	1.39	609997.75	692593.15	
10971.00	89.23	88.60	9076.53	-289.97	2164.92	2162.30	0.61	609999.70	692689.12	
11066.00	89.51	88.45	9077.58	-287.52	2259.88	2257.28	0.33	610002.15	692784.08	
11162.00	90.00	88.90	9077.99	-285.30	2355.85	2353.27	0.69	610004.37	692880.05	
11257.00	90.07	89.65	9077.93	-284.10	2450.84	2448.27	0.79	610005.57	692975.04	
11353.00	90.42	89.85	9077.52	-283.68	2546.84	2544.27	0.42	610005.99	693071.04	
11448.00	90.49	89.37	9076.76	-283.03	2641.84	2639.27	0.51	610006.64	693166.04	
11544.00	90.77	88.85	9075.71	-281.54	2737.82	2735.26	0.62	610008.13	693262.02	
11639.00	91.75	88.48	9073.62	-279.33	2832.77	2830.22	1.10	610010.34	693356.97	
11735.00	91.19	89.47	9071.16	-277.61	2928.72	2926.19	1.18	610012.06	693452.92	
11830.00	91.47	90.14	9068.95	-277.29	3023.69	3021.16	0.76	610012.38	693547.89	
11925.00	90.00	89.75	9067.73	-277.20	3118.68	3116.15	1.60	610012.47	693642.88	
12021.00	90.70	89.84	9067.15	-276.85	3214.68	3212.14	0.74	610012.82	693738.88	
12116.00	90.77	89.72	9065.93	-276.49	3309.67	3307.13	0.15	610013.18	693833.87	

5D Survey Report

Survey 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
17211.00	89.58	89.83	9065.64	-276.12	3404.67	3402.13	1.26	610013.55	693928.87	
17306.00	89.09	90.18	9066.74	-276.12	3499.66	3497.12	0.63	610013.55	694023.86	
17402.00	90.56	88.03	9067.03	-274.63	3595.64	3593.11	2.71	610015.04	694119.84	
17496.00	89.79	89.64	9066.75	-272.71	3689.62	3687.10	1.90	610016.96	694213.82	
17591.00	89.93	89.55	9066.98	-272.04	3784.61	3782.10	0.18	610017.63	694308.81	
17686.00	89.93	90.22	9067.10	-271.85	3879.61	3877.09	0.71	610017.82	694403.81	
17781.00	90.14	90.52	9067.04	-272.47	3974.61	3972.08	0.39	610017.20	694498.81	
17876.00	90.63	90.66	9066.40	-273.44	4069.60	4067.06	0.54	610016.23	694593.80	
17972.00	90.49	90.22	9065.46	-274.18	4165.60	4163.05	0.48	610015.49	694689.80	
13066.00	90.70	89.52	9064.48	-273.97	4259.59	4257.04	0.78	610015.70	694783.79	
13162.00	90.98	89.17	9063.08	-272.87	4355.57	4353.03	0.47	610016.80	694879.77	
13257.00	91.40	89.08	9061.10	-271.42	4450.54	4448.00	0.45	610018.25	694974.74	
13353.00	90.77	89.03	9059.29	-269.84	4546.51	4543.98	0.66	610019.83	695070.71	
13449.00	90.98	88.68	9057.82	-267.92	4642.48	4639.97	0.43	610021.75	695166.68	
13544.00	91.68	88.77	9055.62	-265.81	4737.43	4734.93	0.74	610023.86	695261.63	
13639.00	92.45	89.39	9052.19	-264.28	4832.36	4829.87	1.04	610025.39	695356.56	
13698.00	92.87	89.16	9049.45	-263.54	4891.29	4888.80	0.81	610026.13	695415.49	Last Wft Svy 2H
13714.00	92.87	89.16	9048.65	-263.30	4907.27	4904.78	0.00	610026.37	695431.47	Cross Prod. Box
13775.00	92.87	89.16	9045.60	-262.41	4968.18	4965.70	0.00	610027.26	695492.38	Proj To Bit.



Mizar 11 Fed Com 2H
Eddy Co, NM
Pilot

Plan Data for Mizar 11 Fed Com 2H Pilot

Dogleg Severity Unit: */100.00ft		Plan Point Information:		Position offsets from Slot centre							
MD	Inc	Az	TVD	+N/-S	+E/-W	Northing	Easting	VSec	DLS	(USft)	(USft)
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(DLSU)	(USft)	(USft)
4331.00	0.40	70.38	4330.68	2.59	31.38	610292.26	690555.58	31.40	0.04		
4431.00	0.40	70.38	4430.68	2.83	32.04	610292.50	690556.24	32.06	0.00		
4788.21	7.00	180.00	4787.01	-18.55	33.21	610271.12	690557.41	33.05	2.00		
6911.56	7.00	180.00	6894.54	-277.32	33.21	610012.35	690557.41	30.79	0.00		
7378.23	0.00	0.00	7360.04	-305.79	33.21	609983.88	690557.41	30.54	1.50		
10168.18	0.00	0.00	10150.00	-305.79	33.21	609983.88	690557.41	30.54	0.00		

Plan Data for Mizar 11 Fed Com 2H Pilot

Target Set Information:		Name: Mizar 11 Fed Com 2H		Position offsets from Slot centre							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape	Comment	(USft)	(USft)	(USft)	(USft)
LP Tgt	9064.00	-301.90	467.38	609987.77	690991.58	Cuboid					
PBHL 2H	9054.00	-262.41	4967.53	610027.26	695491.73	Cuboid					

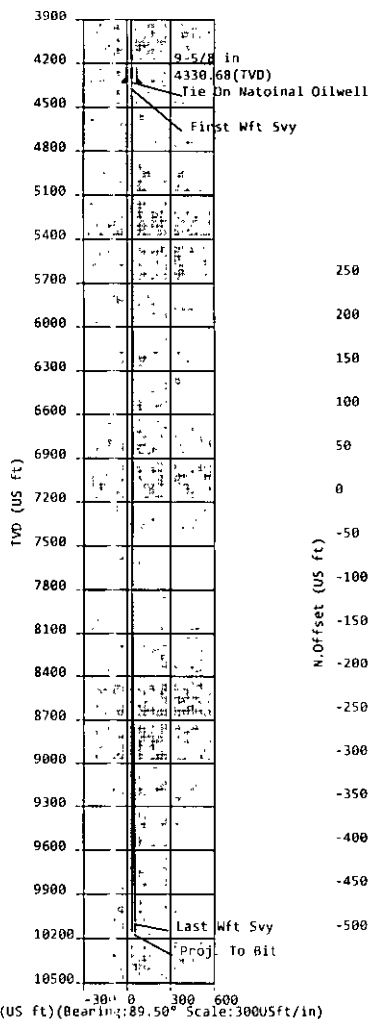
Plan Data for Mizar 11 Fed Com 2H Pilot

Slot: Mizar 11 Fed Com 2H
Position:
Offset is from Site centre
+N/-S: -49.98USft Northing: 610289.67USft Latitude: 32°40'36.5"
+E/-W: 0.39USft Easting: 690524.20USft Longitude: -103°50'54.5"
Elevation Above VRD: 3578.00USft

Plan Data for Mizar 11 Fed Com 2H Pilot

Well: Mizar 11 Fed Com 2H Pilot
Type: Main-Well
File Number:
Plan Folder: P2
Plan: P2-VL
Vertical Section: Position offset of origin from Slot centre:
+N/-S: 0.00USft Azimuth: 89.50°
+E/-W: 0.00USft
Magnetic Parameters:
Model: Field strength: Inclination: Dip: Date:
NAGA 4845(ni) 7.47° 60.46° 2015-03-10

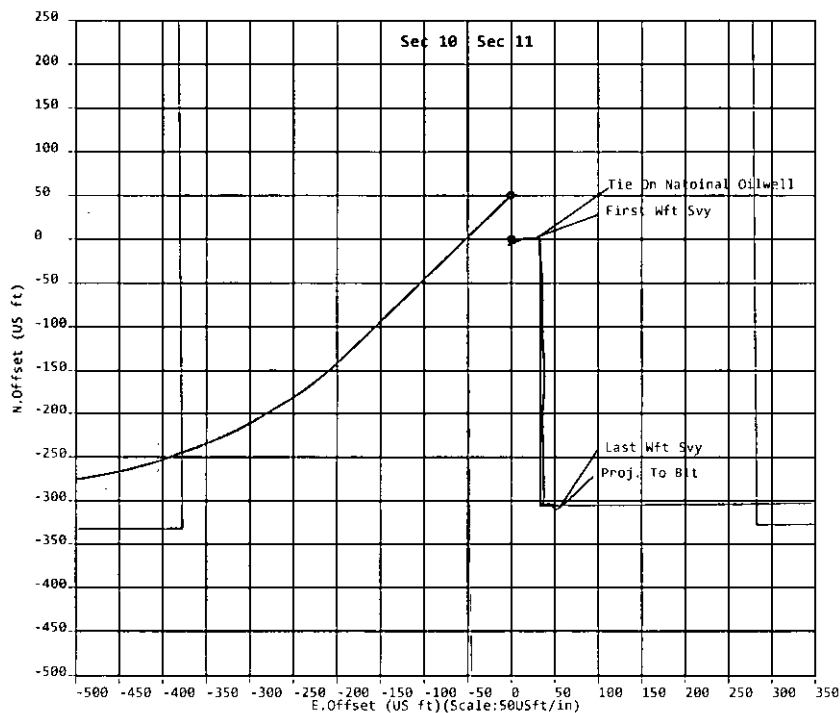
KB-3604
GL-3579



Mizar 11 Fed Com 2H Pilot	_____
Hadar 10 Fed Com 2H	_____
Mizar 11 Fed Com 2H Pilot	_____
Mizar 11 Fed Com 2H Lat	_____



Weatherford



Sign Off: Russell Joyner

Well Name: MIZAR 11 FED COM 2H									
Sub-Division		Region		Field Name		County		State/Province	
DELAWARE BASIN WEST		SLOPE EAST		HACKBERRY		EDDY		NM	
Surface Legal Location		APUWI		Latitude (°)		Longitude (°)		Ong KB Elevation (ft)	
Sec 11 19S R31E		3001542345		32° 40' 36.027" N		103° 50' 52.699" W		3,603.30	
								Ground Elev MSL (ft)	
								3,578.30	
								KB - GL (ft)	
								25.00	
Wellbores									
Wellbore Name		Parent Wellbore		SAP Well ID		Vertical Section Direction (°)		OH	
ST01		OH				89.50			
Kick Offs & Key Depths									
Date		3/26/2015		Type		Kick Off		Top Depth (ftKB)	
Actual Deviation Survey		Definition?		Proposed?		Proposed Deviation Survey		8,574.0	
MWD, Proposed? No		Yes		No		Proposed Deviation Survey			
Deviation Survey									
Date		3/27/2015		Description					
MD Tie In (ftKB)		TVD Tie In (ftKB)		Inclination Tie In (°)		Azimuth Tie In (°)		NSTie In (ft)	
								EWtie In (ft)	
Survey Data									
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS	Survey
								(%/100ft)	Tool
									Survey Company
Survey Data									
Date	MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)			
Deviation Survey									
Date	Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey					
3/26/2015	Kick Off				8,574.0				
Kick Offs & Key Depths									
Date	3/26/2015	Type	Kick Off	Top Depth (ftKB)					
Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
Date	Description								
MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)				
Survey Data									
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS	Survey
								(%/100ft)	Tool
									Survey Company
Survey Data									
Date	MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)			
Deviation Survey									
Date	Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey					
3/26/2015	Kick Off				8,574.0				
Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
Date	Description								
MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)				
Survey Data									
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS	Survey
								(%/100ft)	Tool
									Survey Company
Survey Data									
Date	MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)			
Deviation Survey									
Date	Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey					
3/26/2015	Kick Off				8,574.0				
Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
Date	Description								
MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)				
Survey Data									
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS	Survey
								(%/100ft)	Tool
									Survey Company
Survey Data									
Date	MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)			
Deviation Survey									
Date	Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey					
3/26/2015	Kick Off				8,574.0				
Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
Date	Description								
MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)				
Survey Data									
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS	Survey
								(%/100ft)	Tool
									Survey Company
Survey Data									
Date	MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)			
Deviation Survey									
Date	Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey					
3/26/2015	Kick Off				8,574.0				
Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
Date	Description								
MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)				
Survey Data									
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS	Survey
								(%/100ft)	Tool
									Survey Company
Survey Data									
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Deviation Survey									
Date	Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey					
3/26/2015	Kick Off				8,574.0				
Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
Date	Description								
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Survey Data									
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Survey Data									
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Deviation Survey									
Date	Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey					
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Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
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Survey Data									
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								(%/100ft)	Tool
									Survey Company
Survey Data									
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3/26/2015	Kick Off				8,574.0				
Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
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Survey Data									
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								(%/100ft)	Tool
									Survey Company
Survey Data									
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Deviation Survey									
Date	Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey					
3/26/2015	Kick Off				8,574.0				
Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
Date	Description								
MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)				
Survey Data									
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS	Survey
								(%/100ft)	Tool
									Survey Company
Survey Data									
Date	MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)			
Deviation Survey									
Date	Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey					
3/26/2015	Kick Off				8,574.0				
Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
Date	Description								
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Survey Data									
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS	Survey
								(%/100ft)	Tool
									Survey Company
Survey Data									
Date	MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)			
Deviation Survey									
Date	Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey					
3/26/2015	Kick Off				8,574.0				
Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
Date	Description								
MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)				
Survey Data									
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS	Survey
								(%/100ft)	Tool
									Survey Company
Survey Data									
Date	MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)			
Deviation Survey									
Date	Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey					
3/26/2015	Kick Off				8,574.0				
Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
Date	Description								
MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)				
Survey Data									
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS	Survey
								(%/100ft)	Tool
									Survey Company
Survey Data									
Date	MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)			
Deviation Survey									
Date	Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey					
3/26/2015	Kick Off				8,574.0				
Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
Date	Description								
MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)				
Survey Data									
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS	Survey
								(%/100ft)	Tool
									Survey Company
Survey Data									
Date	MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)			
Deviation Survey									
Date	Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey					
3/26/2015	Kick Off				8,574.0				
Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
Date	Description								
MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)				
Survey Data									
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS	Survey
								(%/100ft)	Tool
									Survey Company
Survey Data									
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Deviation Survey									
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3/26/2015	Kick Off				8,574.0				
Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
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Survey Data									
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								(%/100ft)	Tool
									Survey Company
Survey Data									
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Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
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Survey Data									
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								(%/100ft)	Tool
									Survey Company
Survey Data									
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Deviation Survey									
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Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
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Survey Data									
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS	Survey
								(%/100ft)	Tool
									Survey Company
Survey Data									
Date	MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)			
Deviation Survey									
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3/26/2015	Kick Off				8,574.0				
Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
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Survey Data									
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS	Survey
								(%/100ft)	Tool
									Survey Company
Survey Data									
Date	MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)			
Deviation Survey									
Date	Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey					
3/26/2015	Kick Off				8,574.0				
Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
Date	Description								
MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)				
Survey Data									
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS	Survey
								(%/100ft)	Tool
									Survey Company
Survey Data									
Date	MD Tie In (ftKB)	TVD Tie In (ftKB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWtie In (ft)			
Deviation Survey									
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Actual Deviation Survey	Definition?	Proposed?	Proposed Deviation Survey						
Deviation Survey									
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Survey Data									
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	EW (ft)	DLS	Survey



Directional Survey

Well Name: MIZAR 11 FED COM 2H

Sub-Division DELAWARE BASIN WEST		Region SLOPE EAST		Field Name HACKBERRY			County EDDY		State/Province NM				
Surface Legal Location Sec 11 19S R31E		API/UWI 3001542345		Latitude (°) 32° 40' 36.027" N		Longitude (°) 103° 50' 52.699" W		Orig KB Elevation (ft) 3,603.30		Ground Elev MSL (ft) 3,578.30		KB - GL (ft) 25.00	
Survey Data													
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	N/S (ft)	E/W (ft)	DLS (°/100ft)	Survey Tool	Survey Company			
3/31/2015	11,066.00	89.51	88.45	9,077.49	2,257.27	-287.59	2,259.87	0.33	MWD	WEATHERFORD			
3/31/2015	11,162.00	90.00	88.90	9,077.90	2,353.26	-285.37	2,355.84	0.69	MWD	WEATHERFORD			
3/31/2015	11,257.00	90.07	89.65	9,077.84	2,448.26	-284.17	2,450.83	0.79	MWD	WEATHERFORD			
4/1/2015	11,353.00	90.42	89.85	9,077.43	2,544.26	-283.75	2,546.83	0.42	MWD	WEATHERFORD			
4/1/2015	11,448.00	90.49	89.37	9,076.67	2,639.25	-283.10	2,641.82	0.51	MWD	WEATHERFORD			
4/1/2015	11,544.00	90.77	88.85	9,075.62	2,735.25	-281.61	2,737.81	0.62	MWD	WEATHERFORD			
4/1/2015	11,639.00	91.75	88.48	9,073.53	2,830.21	-279.40	2,832.76	1.10	MWD	WEATHERFORD			
4/1/2015	11,735.00	91.19	89.47	9,071.07	2,926.17	-277.68	2,928.71	1.18	MWD	WEATHERFORD			
4/1/2015	11,830.00	91.47	90.14	9,068.86	3,021.15	-277.36	3,023.68	0.76	MWD	WEATHERFORD			
4/1/2015	11,925.00	90.00	89.75	9,067.64	3,116.13	-277.27	3,118.67	1.60	MWD	WEATHERFORD			
4/1/2015	12,021.00	90.70	89.84	9,067.06	3,212.13	-276.93	3,214.67	0.74	MWD	WEATHERFORD			
4/1/2015	12,116.00	90.77	89.72	9,065.84	3,307.12	-276.56	3,309.66	0.15	MWD	WEATHERFORD			
4/1/2015	12,211.00	89.58	89.83	9,065.55	3,402.12	-276.19	3,404.66	1.26	MWD	WEATHERFORD			
4/1/2015	12,306.00	89.09	90.18	9,066.65	3,497.11	-276.20	3,499.65	0.63	MWD	WEATHERFORD			
4/1/2015	12,402.00	90.56	88.03	9,066.94	3,593.10	-274.70	3,595.63	2.71	MWD	WEATHERFORD			
4/1/2015	12,496.00	89.79	89.64	9,066.66	3,687.08	-272.78	3,689.61	1.90	MWD	WEATHERFORD			
4/1/2015	12,591.00	89.93	89.55	9,066.89	3,782.08	-272.11	3,784.60	0.18	MWD	WEATHERFORD			
4/1/2015	12,686.00	89.93	90.22	9,067.00	3,877.08	-271.92	3,879.60	0.71	MWD	WEATHERFORD			
4/1/2015	12,781.00	90.14	90.52	9,066.95	3,972.07	-272.54	3,974.60	0.39	MWD	WEATHERFORD			
4/1/2015	12,876.00	90.63	90.66	9,066.31	4,067.05	-273.51	4,069.59	0.54	MWD	WEATHERFORD			
4/1/2015	12,972.00	90.49	90.22	9,065.37	4,163.03	-274.25	4,165.58	0.48	MWD	WEATHERFORD			
4/3/2015	13,066.00	90.70	89.52	9,064.39	4,257.03	-274.04	4,259.58	0.78	MWD	WEATHERFORD			
4/3/2015	13,162.00	90.98	89.17	9,062.99	4,353.01	-272.94	4,355.56	0.47	MWD	WEATHERFORD			
4/3/2015	13,257.00	91.40	89.08	9,061.01	4,447.99	-271.49	4,450.53	0.45	MWD	WEATHERFORD			
4/3/2015	13,353.00	90.77	89.03	9,059.20	4,543.97	-269.91	4,546.50	0.66	MWD	WEATHERFORD			
4/3/2015	13,449.00	90.98	88.68	9,057.73	4,639.95	-267.99	4,642.47	0.43	MWD	WEATHERFORD			
4/3/2015	13,544.00	91.68	88.77	9,055.52	4,734.92	-265.88	4,737.42	0.74	MWD	WEATHERFORD			
4/3/2015	13,639.00	92.45	89.39	9,052.10	4,829.85	-264.35	4,832.34	1.04	MWD	WEATHERFORD			
4/3/2015	13,698.00	92.87	89.16	9,049.36	4,888.79	-263.61	4,891.28	0.81	MWD	WEATHERFORD			
4/3/2015	13,775.00	92.87	89.16	9,045.51	4,965.69	-262.48	4,968.17	0.00	BIT	WEATHERFORD			

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