

Cimarex Energy Co.

Eddy County (NM83E)

Sec 10 - T71S - R30E

Hydrus 10 Fed #9

Wellbore #1

Survey: MWD Survey

Standard Survey Report

03 December, 2009

MR

Cimarex Energy Co.

Project Eddy County (NM83E)
Site Sec 10 - T71S - R30E
Well Hydrus 10 Fed #9
Wellbore Wellbore #1
Design Plan #1

WELL DETAILS: Hydrus 10 Fed #9

+N/-S	+E/-W	Northing	Ground Level: 0.0	Easting	Latitude	Longitude
0.0	0.0	671303.20	657713.00	32° 50' 41.509 N	103° 57' 15.838 W	

SHL: 1133' FSL / 990' FEL
BHL: 990' FSL / 2310' FEL



Azimuths to Grid North

Total Correction: 7.78°

Magnetic Field
Strength: 49161.1nT
Dip Angle: 60.75°
Date: 2009/11/19
Model: IGRF200510

SECTION DETAILS

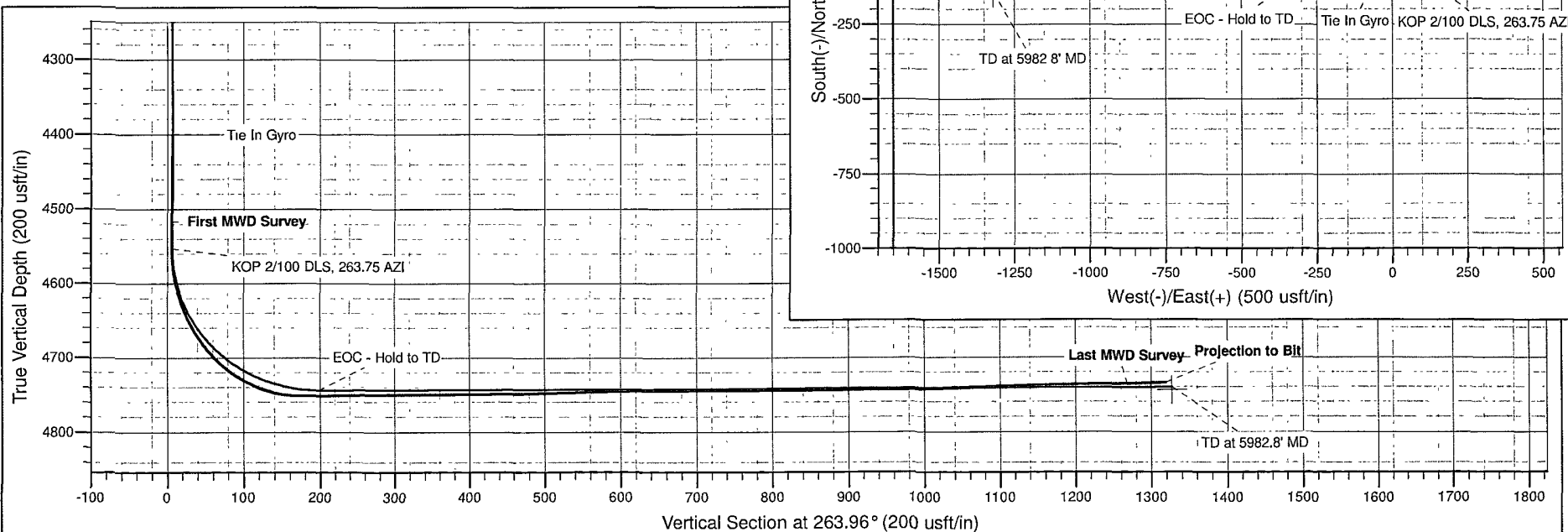
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	4400.0	0.93	3.54	4399.7	-1.5	-7.0	0.00	0.00	7.2	
2	4553.0	0.93	3.54	4552.7	1.0	-6.9	0.00	0.00	6.8	
3	4853.9	90.20	263.75	4744.0	-16.8	-197.6	30.03	-99.79	198.3	
4	5982.8	90.20	263.75	4740.1	-139.7	-1319.7	0.00	0.00	1327.1	Hydrus #9 PBHL

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
4399.7	4400.0	0.93	3.54	-1.5	-7.0	7.2	0.0	Tie In Gyro
4552.7	4553.0	0.93	3.54	1.0	-6.9	6.8	2.5	KOP 2/100 DLS, 263.75 AZI
4744.0	4853.9	90.20	263.75	-16.8	-197.6	198.3	194.1	EOC - Hold to TD
4740.1	5982.8	90.20	263.75	-139.7	-1319.7	1327.1	1323.0	TD at 5982.8' MD

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
Hydrus #9 PBHL	4744.0	-144.5	-1319.2	671158.74	656393.77



Great White Directional Services

Survey Report

Company:	Cimarex Energy Co.	Local Co-ordinate Reference:	Well Hydrus 10 Fed #9
Project:	Eddy County (NM83E)	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Sec 10 - T71S - R30E	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Hydrus 10 Fed #9	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Project:	Eddy County (NM83E)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site:	Sec 10 - T71S - R30E		
Site Position:		Northing:	670,879.30 usft
From:	Map	Easting:	657,054.40 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 50' 37.337 N
		Longitude:	103° 57' 23.575 W
		Grid Convergence:	0.20 °

Well:	Hydrus 10 Fed #9		
Well Position	+N/-S	0.0 usft	Northing: 671,303.20 usft
	+E/-W	0.0 usft	Easting: 657,713.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 50' 41.509 N
		Longitude:	103° 57' 15.838 W
		Ground Level:	0.0 usft

Wellbore:	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF200510	2009/11/19	7.99
			Dip Angle
			(°)
			60.75
			Field Strength
			(nT)
			49,161

Design:	Wellbore #1		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			263.96

Survey Program:	Date 2009/12/03		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
100.0	4,400.0	Gyro (Wellbore #1)	MWD
4,517.0	5,997.0	MWD Survey (Wellbore #1)	MWD
			Description
			MWD - Standard
			MWD - Standard

Survey									
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn
Depth	(°)	(°)	Depth	(usft)	(usft)	Section	Rate	Rate	Rate
(usft)			(usft)			(usft)	(°/100ft)	(°/100ft)	(°/100ft)
4,400.0	0.93	3.54	4,399.7	-1.5	-7.0	7.2	0.00	0.00	0.00
4,517.0	2.00	6.50	4,516.7	1.5	-6.8	6.6	0.92	0.91	2.53
First MWD Survey									
4,556.0	0.20	232.60	4,555.6	2.1	-6.7	6.5	5.50	-4.62	-343.33
4,588.0	8.70	260.50	4,587.5	1.7	-9.2	8.9	26.64	26.56	87.19
4,619.0	17.00	263.70	4,617.7	0.8	-16.0	15.8	26.86	26.77	10.32
4,651.0	24.70	268.60	4,647.6	0.1	-27.4	27.2	24.65	24.06	15.31
4,683.0	33.30	266.20	4,675.6	-0.6	-42.8	42.7	27.11	26.88	-7.50
4,714.0	43.00	273.10	4,699.9	-0.6	-61.9	61.7	34.14	31.29	22.26
4,746.0	54.30	275.50	4,721.0	1.2	-85.8	85.2	35.75	35.31	7.50

Great White Directional Services

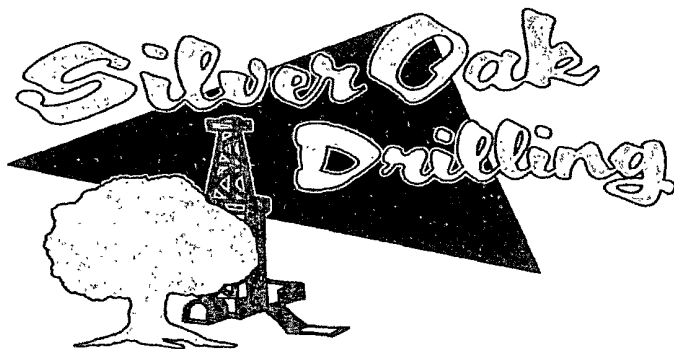
Survey Report

Company:	Cimarex Energy Co.	Local Co-ordinate Reference:	Well Hydrus 10 Fed #9
Project:	Eddy County (NM83E)	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Sec 10 - T71S - R30E	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Hydrus 10 Fed #9	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,778.0	65.20	277.50	4,737.1	4.4	-113.3	112.2	34.49	34.06	6.25	
4,809.0	77.40	278.70	4,747.1	8.5	-142.3	140.6	39.52	39.35	3.87	
4,841.0	89.10	278.10	4,750.8	13.2	-173.7	171.3	36.61	36.56	-1.88	
4,871.0	90.90	276.50	4,750.8	17.0	-203.4	200.5	8.03	6.00	-5.33	
4,936.0	90.50	273.40	4,750.0	22.6	-268.2	264.3	4.81	-0.62	-4.77	
5,031.0	90.30	270.00	4,749.4	25.4	-363.1	358.4	3.59	-0.21	-3.58	
5,125.0	90.80	266.60	4,748.4	22.6	-457.0	452.1	3.66	0.53	-3.62	
5,220.0	91.80	265.30	4,746.3	15.9	-551.8	547.0	1.73	1.05	-1.37	
5,315.0	90.40	261.90	4,744.5	5.3	-646.1	642.0	3.87	-1.47	-3.58	
5,409.0	89.90	258.90	4,744.2	-10.4	-738.8	735.8	3.24	-0.53	-3.19	
5,504.0	90.40	257.00	4,744.0	-30.2	-831.7	830.3	2.07	0.53	-2.00	
5,599.0	90.30	256.30	4,743.4	-52.1	-924.2	924.5	0.74	-0.11	-0.74	
5,694.0	91.40	256.20	4,742.0	-74.7	-1,016.4	1,018.6	1.16	1.16	-0.11	
5,788.0	91.80	256.50	4,739.4	-96.9	-1,107.7	1,111.8	0.53	0.43	0.32	
5,883.0	90.80	256.90	4,737.2	-118.7	-1,200.2	1,206.0	1.13	-1.05	0.42	
5,946.0	91.20	256.90	4,736.1	-133.0	-1,261.5	1,268.5	0.63	0.63	0.00	
Last MWD Survey										
5,997.0	91.30	256.90	4,735.0	-144.6	-1,311.2	1,319.1	0.20	0.20	0.00	
Projection to Bit - Hydrus #9 PBHL										

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
4,517.0	4,516.7	1.5	-6.8	First MWD Survey
5,946.0	4,736.1	-133.0	-1,261.5	Last MWD Survey
5,997.0	4,735.0	-144.6	-1,311.2	Projection to Bit

Checked By: _____ Approved By: _____ Date: _____



PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

December 11, 2009

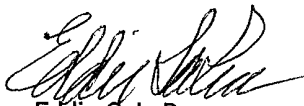
Cimarex Energy Co.
Attn: Jim Evans
600 N. Marienfeld, Suite 600
Midland, TX 79701

RE: Hydrus 10 Federal #9H
1133' FSL & 990' FEL
Sec. 10, T17S, R30E
Eddy County, New Mexico

Dear Sir,

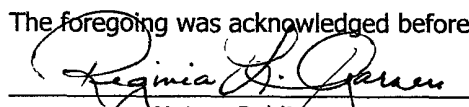
The attached is the Deviation Survey for the above captioned well.

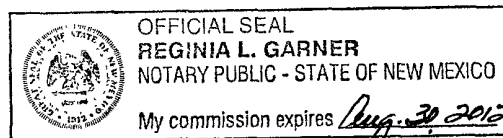
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

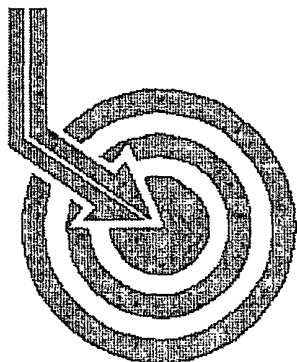
The foregoing was acknowledged before me this 11th day of December, 2009.


Regina L. Garner
Notary Public



Hydrus 10 Fed #9H.xls

Date	Depth	Dev	Dir	TVD
11/17/2009	315	1.00		
11/19/2009	790	0.20		
11/21/2009	1,300	1.10		
11/22/2009	1,737	0.40		
11/22/2009	2,188	0.70		
11/23/2009	2,582	0.60		
11/23/2009	2,987	1.20		
11/24/2009	3,391	0.60		
11/24/2009	3,829	0.60		
11/25/2009	4,294	0.40		
11/26/2009	4,455	1.20		
11/29/2009	4,517	2.00	6.50	
11/29/2009	4,556	0.20	232.60	
11/29/2009	4,588	8.70	260.50	
11/29/2009	4,619	1.70	263.70	
11/30/2009	4,683	33.30	266.20	
11/30/2009	4,714	43.00	273.10	
11/30/2009	4,746	54.30	275.50	
12/1/2009	4,841	89.10	278.10	
12/1/2009	5,031	90.30	270.00	
12/1/2009	4,934	90.50	273.40	
12/1/2009	5,125	90.80	266.60	
12/2/2009	5,315	90.40	261.90	4,744.47
12/2/2009	5,409	89.90	258.90	4,744.23
12/2/2009	5,504	90.40	257.00	4,742.81
12/2/2009	5,599	90.30	256.30	
12/2/2009	5,692	91.40	256.20	
12/2/2009	5,788	91.80	256.50	



Scientific Drilling

CIMAREX ENERGY

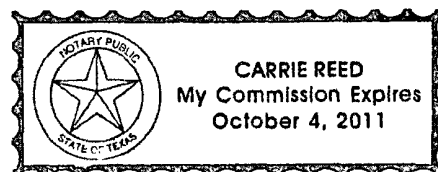
Field: Loco Hills
Site: Eddy County, NM
Well: Hydrus 10 Federal #9
Wellpath: VH - Job #32K1109517
Survey: 11/28/09

This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*[Signature]*..... Company Representative

Notorized this date 10th of December, 2009.

[Signature]
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: CIMAREX ENERGY
Field: Loco Hills
Site: Eddy County, NM
Well: Hydrus 10 Federal #9
Wellpath: VH - Job #32K1109517

Date: 11/30/2009 **Time:** 15:04:11 **Page:** 1
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,258.17Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Survey: 11/28/09 **Start Date:** 11/28/2009
Company: Scientific Drilling Internatio **Engineer:** Madrid w/Gray
Tool: Keeper;Keeper Gyro **Tied-to:** From Surface

Survey

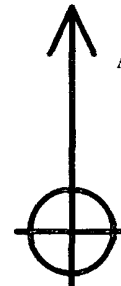
MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.22	254.17	100.00	0.19	-0.05	-0.18	0.22	0.19	254.17
200.00	0.44	239.24	200.00	0.75	-0.30	-0.70	0.23	0.76	246.71
300.00	0.29	217.19	300.00	1.30	-0.70	-1.18	0.20	1.37	239.40
400.00	0.08	190.82	400.00	1.52	-0.97	-1.35	0.22	1.66	234.29
500.00	0.11	4.82	500.00	1.52	-0.94	-1.35	0.19	1.65	235.16
600.00	0.14	0.88	600.00	1.46	-0.72	-1.34	0.03	1.53	241.67
700.00	0.19	335.49	699.99	1.47	-0.45	-1.41	0.09	1.48	252.25
800.00	0.40	30.69	799.99	1.27	0.00	-1.30	0.33	1.30	269.99
900.00	0.53	63.51	899.99	0.59	0.51	-0.71	0.29	0.87	305.53
1000.00	0.83	63.85	999.98	-0.56	1.03	0.36	0.30	1.09	19.00
1100.00	1.07	71.30	1099.97	-2.19	1.65	1.89	0.27	2.51	48.87
1200.00	1.10	75.06	1199.95	-4.07	2.20	3.70	0.08	4.30	59.31
1300.00	0.93	81.54	1299.94	-5.84	2.56	5.43	0.20	6.01	64.73
1400.00	0.73	84.86	1399.93	-7.28	2.74	6.87	0.21	7.40	68.25
1500.00	0.41	98.89	1499.92	-8.25	2.74	7.86	0.35	8.32	70.76
1600.00	0.32	118.07	1599.92	-8.80	2.56	8.46	0.15	8.83	73.19
1700.00	0.20	156.68	1699.92	-9.05	2.26	8.77	0.21	9.06	75.53
1800.00	0.15	161.97	1799.92	-9.10	1.98	8.88	0.05	9.10	77.44
1900.00	0.13	217.87	1899.92	-9.03	1.76	8.85	0.13	9.03	78.72
2000.00	0.17	221.74	1999.92	-8.82	1.56	8.68	0.04	8.82	79.79
2100.00	0.29	196.33	2099.92	-8.58	1.21	8.51	0.15	8.60	81.90
2200.00	0.30	217.55	2199.91	-8.26	0.76	8.28	0.11	8.32	84.75
2300.00	0.46	234.45	2299.91	-7.70	0.32	7.80	0.19	7.80	87.65
2400.00	0.59	228.65	2399.91	-6.88	-0.25	7.08	0.14	7.09	92.05
2500.00	0.82	230.34	2499.90	-5.80	-1.05	6.15	0.23	6.24	99.70
2600.00	0.80	238.90	2599.89	-4.51	-1.87	5.00	0.12	5.34	110.49
2700.00	0.86	238.32	2699.88	-3.14	-2.62	3.76	0.06	4.59	124.88
2800.00	0.94	228.26	2799.87	-1.73	-3.56	2.51	0.18	4.36	144.82
2900.00	1.00	235.60	2899.85	-0.21	-4.60	1.18	0.14	4.75	165.63
3000.00	1.04	237.32	2999.84	1.44	-5.58	-0.30	0.05	5.59	183.12
3100.00	1.08	237.63	3099.82	3.17	-6.58	-1.86	0.04	6.84	195.82
3200.00	1.17	236.37	3199.80	5.00	-7.65	-3.51	0.09	8.42	204.65
3300.00	1.05	241.36	3299.78	6.83	-8.65	-5.16	0.15	10.08	210.83
3400.00	0.98	241.13	3399.77	8.52	-9.51	-6.72	0.07	11.64	215.25
3500.00	0.73	250.75	3499.76	9.97	-10.13	-8.07	0.29	12.95	218.54
3600.00	0.89	335.55	3599.75	10.78	-9.63	-8.99	1.10	13.18	223.03
3700.00	0.69	1.58	3699.74	10.81	-8.32	-9.30	0.41	12.48	228.16
3800.00	0.57	40.90	3799.73	10.27	-7.35	-8.95	0.44	11.58	230.64
3900.00	0.75	29.91	3899.73	9.44	-6.40	-8.30	0.22	10.48	232.36
4000.00	0.80	30.56	3999.72	8.53	-5.23	-7.62	0.05	9.24	235.52
4100.00	0.72	31.66	4099.71	7.63	-4.10	-6.94	0.08	8.06	239.42
4200.00	0.48	1.85	4199.70	7.10	-3.14	-6.59	0.39	7.30	244.50
4300.00	0.39	310.09	4299.70	7.21	-2.51	-6.84	0.39	7.28	249.87
4400.00	0.93	3.54	4399.69	7.20	-1.48	-7.05	0.76	7.20	258.17



Scientific
Drilling

Field: Loco Hills
Site: Eddy County, NM
Well: Hydrus 10 Federal #9
Wellpath: VH - Job #32K1109517
Survey: 11/28/09

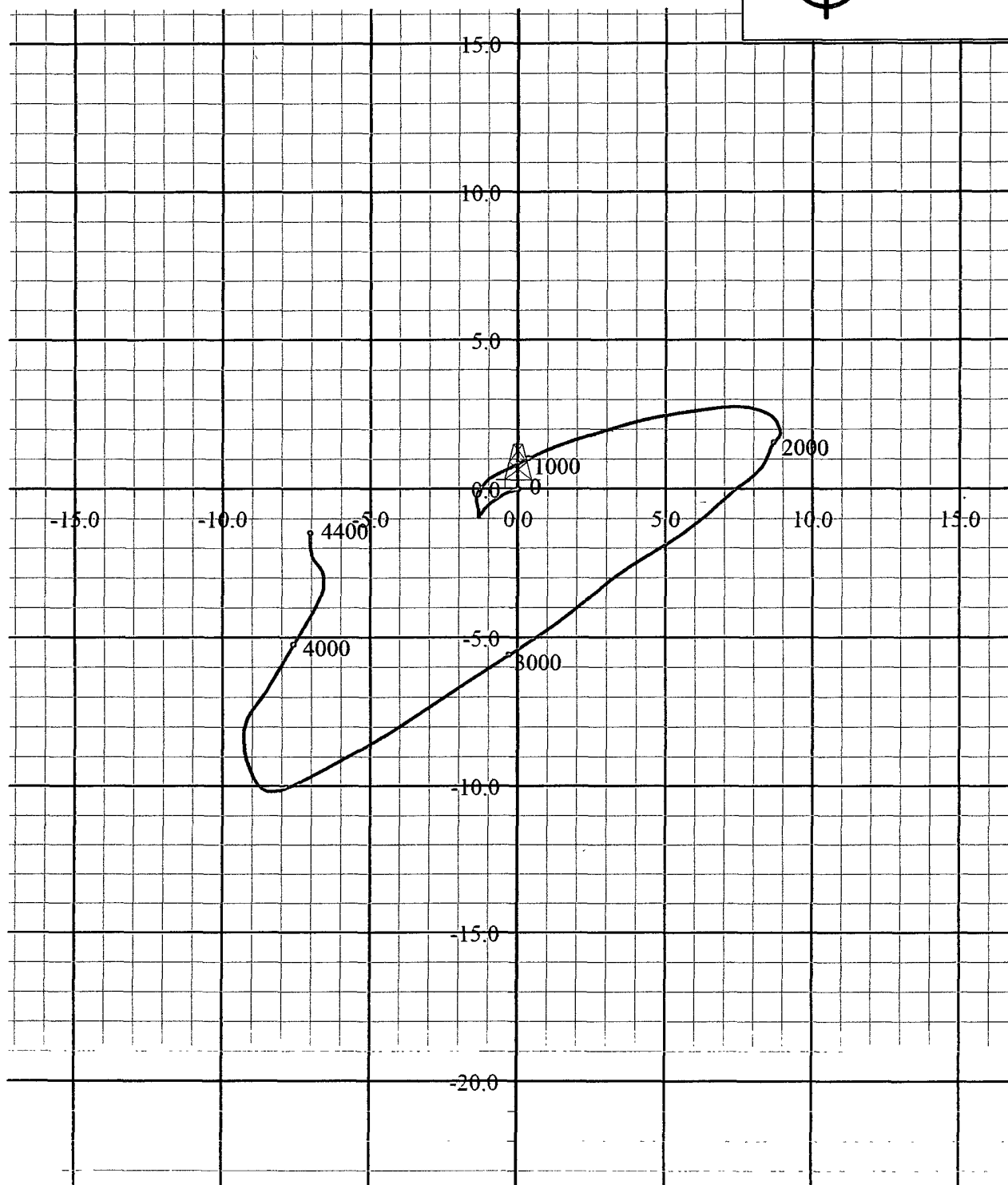
G/T/M



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 11/30/2009
Model: igrf2000

South(-)/North(+) [5ft/in]



West(-)/East(+) [5ft/in]

Top of RSB Packer 4378'

DOWN HOLE WELL PROFILE

WELL NAME	Hydrus 10 Fed 9H	DATE	1/5/07
SUPERVISOR	Lee Mermis	TOOL HAND	James D/Victor S
PHONE #	303-285-5925	PHONE #	432-664-6392
RIG #	Silver Oaks 11	FIELD TICKET #	7924

ELEVATIONS

KB ELEV	GL ELEV	KB TO THF	KB TO SCF	RIG KBD	PBTD
17					
CASING / OPEN HOLE LAYOUT		OD (IN)	LANDED DEPTH	WEIGHT (LB/FT)	TOP OF (FTKB)
CASING DESCRIPTION		5.5	4491.00	17#	
WINDOW DESCRIPTION					
OPEN HOLE DESCRIPTION		6.125		JUNCTION @	4491.00

DESCRIPTION

Bottom of 5 1/2" CSG at 4491

Top of curve 4555' . Btm of curve 4875'

STEERING DIRECTIONS

DOWNHOLE DESCRIPTION FROM BOTTOM UP (Tubing String)

BOTTOM @	DESCRIPTION	LENGTH	ID	OD
5880.00	Pump Out Plug 2 7/8 8 Rd 1	0.78	0.750	3.750
5879.22	X.O. 3 1/2 8 RD BOX x 2 7/8 8 Rd Pin	0.75	2.441	4.500
5878.47	X.O. 3 1/2 UFJ BOX x 3 1/2 8 Rd Pin	0.80	2.990	3.750
5877.67	2 Jt 3 1/2 UFJ 9.3 # L-80 LINER (1-2)	64.13	2.750	3.500
5813.54	X.O. 2 7/8 8 RD BOX x 3 1/2 UFJ Pin	0.80	2.441	3.690
5812.74	4 1/2" Anchor w/centralizer #1 2	4.48	2.441	4.560
5808.26	X.O. 3 1/2 UFJ BOX x 2 7/8 8 Rd Pin	2.07	2.441	4.500
5806.19	1 Jt 3 1/2 UFJ 9.3 # L-80 LINER (3)	32.21	2.990	3.500
5773.98	X.O. 2 7/8 8 RD BOX x 3 1/2 UFJ Pin	0.77	2.441	3.690
5773.21	4.5 PEAK ISO PAK PKR(2)1 w/centralizer 3	6.17	2.375	4.625
5767.04	X.O. 3 1/2 UFJ BOX x 2 7/8 8 Rd Pin	1.58	2.441	4.500
5765.46	4 Jts 3 1/2 UFJ 9.3# L-80 Liner (4-7)	125.62	2.990	3.500
5639.84	X.O. 2 7/8 8 RD BOX x 3 1/2 UFJ Pin	1.91	2.441	4.500
5637.93	Strata Port 1.531" ID 4	2.94	1.531	4.250
5634.99	X.O. 3 1/2 UFJ BOX x 2 7/8 8 Rd Pin	2.07	2.441	3.750
5632.92	3 Jts 3 1/2 9.3# UFJ L-80 Liner (8-10)	94.30	2.990	3.500
5538.62	X.O. 2 7/8 8RD BOX x 3 1/2 UFJ Pin	0.77	2.441	3.690
5537.85	4.5 PEAK ISO PAK PKR(2)2 w/centralizer 5	6.17	2.375	4.625
5531.68	X.O. 3 1/2 UFJ BOX x 3 1/2 8 Rd Pin	1.58	2.441	4.500
5530.10	3 Jts 3 1/2 UFJ 9.3# L-80 LINER (11-13)	96.00	2.990	3.500
5434.10	X.O. 2 7/8 8 RD BOX x 3 1/2 UFJ Pin	0.80	2.441	3.690
5433.30	Strata Port 1.656" ID 6	2.94	1.656	4.250
5430.36	X.O. 3 1/2 UFJ BOX x 2 7/8 8 Rd Pin	2.07	2.441	4.500
5428.29	4 Jts 3 1/2 UFJ 9.3# L-80 Liner (14-17)	124.98	2.990	3.500
5303.31	X.O. 2 7/8 8RD BOX x 3 1/2 UFJ Pin	0.78	2.441	4.500
5302.53	4.5 PEAK ISO PAK PKR(2)3 w/centralizer 7	6.17	2.375	4.625
5296.36	X.O. 3 1/2 UFJ BOX x 2 7/8 8 Rd Pin	1.58	2.441	4.500
5294.78	3 Jts 3 1/2 UFJ 9.3# L-80 Liner (18-20)	92.77	2.990	3.500
5202.01	X.O. 2 7/8 8 RD BOX x 3 1/2 UFJ Pin	1.91	2.441	4.500
5200.10	Strata Port 1.781" ID 8	2.94	1.781	4.250
5197.16	X.O. 3 1/2 UFJ BOX x 2 7/8 8 Rd Pin	2.07	2.441	4.500
5195.09	4 Jts 3 1/2 UFJ 9.3# L-80 LINER (21-24)	126.73	2.990	3.500
5068.36	X.O. 2 7/8 8 RD BOX x 3 1/2 UFJ Pin	0.77	2.441	3.690
5067.59	4.5PEAK ISO PAK PKR(2)4 w/centralizer 9	6.17	2.375	4.625
5061.42	X.O. 3 1/2 UFJ BOX x 3 1/2 8 Rd Pin	1.58	2.441	4.500
5059.84	3 Jts 3 1/2 UFJ 9.3# L-80 LINER (25-27)	95.94	2.990	3.500
4963.90	X.O. 3 1/2 EUE BOX x 3 1/2 UFJ Pin	0.80	2.441	3.690
4963.10	Strata Port 2.156" ID 10	2.94	2.156	4.250
4960.16	X.O. 3 1/2 UFJ BOX x 3 1/2 8 Rd Pin	2.07	2.441	4.500
4958.09	18 Jts 3 1/2 UFJ 9 3# L-80 LINER (28-45)	572.98	2.990	3.500
4385.11	X.O. 3 1/2 8 RD Pin x 3 1/2 UFJ Pin	1.93	2.990	3.750
4383.18	5 1/2 17# RSB Liner Hanger Packer 11	4.89	3.000	4.625
4378.29	Hydraulic Setting Tool	5.02	1.500	4.500
4373.27	2 7/8 AOH Pup Jt	3.78	2.090	3.500
4369.49	139 Jts 2 7/8 AOH Drillpipe 10.4#	4394.96	2.150	3.500
-25.47	Stickup	0.00	0.000	0.000

WEIGHT OF STRING	200k	TOTAL STRING LENGTH	
PUSH / PULL TEST	25k	STICK-UP OFF RIG FLOOR	
LINER STRING WEIGHT	40k	TUBING BOTTOM	

*** CONFIDENTIAL ***
NOT TO BE DISCLOSED OUTSIDE

**** Cimarex Energy ****

TOTAL MEASURED DEPTH
@ 5997' FT