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January 29, 2008

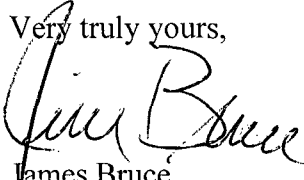
David K. Brooks
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Case No. 14,038/ Cimarex Energy Co./Huron 13 Fee Well No. 4

Dear Mr. Brooks:

You requested information on the Wolfcamp entry point of the well. Attached is the directional drilling plan for the well, with certain portions highlighted. The well's surface location is 430 feet FNL and 1750 feet FWL of Section 13. The top of the Wolfcamp is at 9326 TVD, which will be encountered approximately 115 feet south of the surface location. Therefore, the penetration point is $430 + 115 = 545$ feet FNL (and 1750 feet FWL) of Section 13.

Very truly yours,



James Bruce

Attorney for Cimarex Energy Co.

[Faint, illegible text at the bottom of the page, likely a carbon copy or bleed-through from the reverse side.]



Weatherford[®]

Drilling Services

30-025-38601

Proposal



HURON 13 FEE #4

LEA COUNTY, NEW MEXICO

WELL FILE: **PLAN 1**

NOVEMBER 23, 2007

Weatherford International, Ltd.

P.O. Box 61028

Midland, TX 79711 USA

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HURON 13 FEE #4
LEA COUNTY, NEW MEXICO



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SECTION DETAILS

Sec	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	180.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	9151.01	0.00	180.00	9151.01	0.00	0.00	0.00	0.00	0.00	
3	9451.01	90.00	180.00	9342.00	-190.99	0.00	30.00	180.00	190.99	PBHL
4	11470.03	90.00	180.00	9342.00	-2210.00	0.00	0.00	0.00	2210.00	PBHL

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#4	0.00	0.00	738078.00	902022.50	33°01'24.317N	105°09'23.651W	N/A

TARGET DETAILS

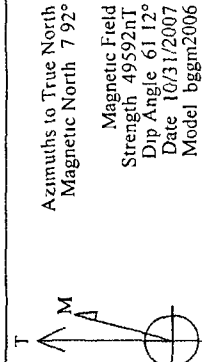
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape	Point
PBHL	8535.00	517.64	-1931.85	4178183.34	694468.21		

FIELD DETAILS

Lea Co., NM (NAD 83)
Geodetic System
Ellipsoid
GRS 1980
Zone
New Mexico, Eastern Zone
Magnetic Model
bggm2006
System Datum
Local North
Mean Sea Level
True North

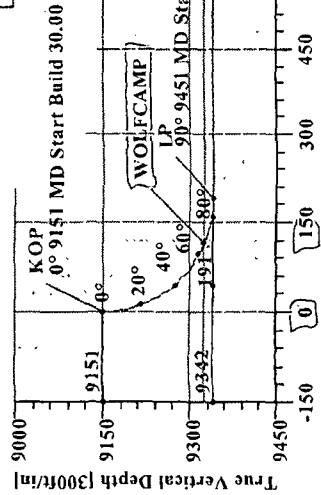
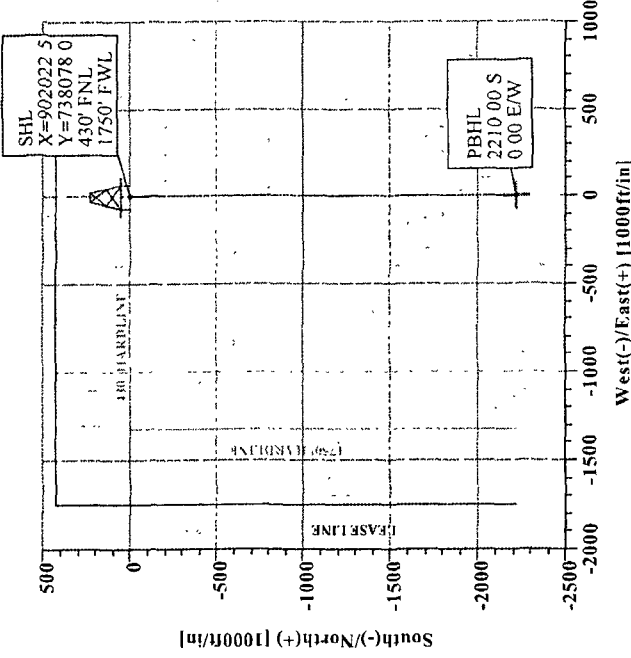
SITE DETAILS

HURON 13 FEE #4
430' FNL 1750' FWL of SEC 13 T-15-S R-37-E
Site Centre Northing 738078.00
Easting 902022.50
Ground Level 3779.00
Positional Uncertainty 0.00
Convergence 0.64



FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	2123.00	2123.00	RUSTLER
2	3142.00	3142.00	VATES
3	3330.00	3320.00	SEVEN RIVERS
4	3932.00	3932.00	QUEEN
5	4272.00	4272.00	GRAYBURG
6	4413.00	4413.00	SAN ANDRES
7	6671.00	6671.00	GLORIETA
8	6905.00	6905.00	ELINEBERRY
9	7463.00	7463.00	THE TOP
10	7733.00	7733.00	DRINKARD
11	8142.00	8142.00	ARO
12	9326.00	9372.28	WOLF CAMP



Vertical Section at 180.00° [300ft/in]

Plan Plan #1 (#4/1)

Created By: Lindsey Maddux

Date: 11/1/2007



Weatherford International, Inc.

Proposal Plan Report



Weatherford

Company: Cimarex		Date: 11/1/2007	Time: 16:26:46	Page: 1						
Field: Lea Co., NM (NAD 83)		Co-ordinate(NE) Reference: Site: HURON 13 FEE #4, True North								
Site: HURON 13 FEE #4		Vertical (TVD) Reference: SITE 3802.0								
Well: #4		Section (VS) Reference: Well (0.00N, 0.00E, 180.00Azi)								
Wellpath: 1		Survey Calculation Method: Minimum Curvature		Db: Sybase						
Plan: Plan #1		Date Composed: 11/1/2007								
Principal: Yes		Version: 1								
		Tied-to: From Surface								
Field: Lea Co., NM (NAD 83)										
Map System: US State Plane Coordinate System 1983		Map Zone: New Mexico, Eastern Zone								
Geo Datum: GRS 1980		Coordinate System: Site Centre								
Sys Datum: Mean Sea Level		Geomagnetic Model: bggm2006								
Site: HURON 13 FEE #4										
430' FNL 1750' FWL of SEC 13 T-15-S R-37-E										
Site Position:	Northing: 738078.00 ft	Latitude: 33 1 24.317 N								
From: Map	Easting: 902022.50 ft	Longitude: 103 9 23.651 W								
Position Uncertainty: 0.00 ft		North Reference: True								
Ground Level: 3779.00 ft		Grid Convergence: 0.64 deg								
Well: #4										
Slot Name:										
Well Position: +N-S 0.00 ft	Northing: 738078.00 ft	Latitude: 33 1 24.317 N								
+E-W 0.00 ft	Easting: 902022.50 ft	Longitude: 103 9 23.651 W								
Position Uncertainty: 0.00 ft										
Wellpath: 1										
Current Datum: SITE	Height: 3802.00 ft	Drilled From: Surface								
Magnetic Data: 10/31/2007		Tie-on Depth: 0.00 ft								
Field Strength: 49592 nT		Above System Datum: Mean Sea Level								
Vertical Section: Depth From (TVD)	+N-S	Declination: 7.92 deg								
ft	ft	Mag Dip Angle: 61.12 deg								
		+E-W	Direction							
		ft	deg							
0.00	0.00	0.00	180.00							
Plan Section Information										
MD	Incl	Azim	TVD	N/S	E/W	DLS	Build	Turn	TFO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	
0.00	0.00	180.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9151.01	0.00	180.00	9151.01	0.00	0.00	0.00	0.00	0.00	0.00	
9451.01	90.00	180.00	9342.00	-190.99	0.00	30.00	30.00	0.00	180.00	
11470.03	90.00	180.00	9342.00	-2210.00	0.00	0.00	0.00	0.00	0.00	PBHL
Survey										
MD	Incl	Azim	TVD	N/S	E/W	VS	Build	Turn	DLS	Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	
9100.00	0.00	180.00	9100.00	0.00	0.00	0.00	0.00	0.00	0.00	
9151.01	0.00	180.00	9151.01	0.00	0.00	0.00	0.00	0.00	0.00	KOP
9160.00	2.70	180.00	9160.00	-0.21	0.00	0.21	30.00	0.00	30.00	
9170.00	5.70	180.00	9169.97	-0.94	0.00	0.94	30.00	0.00	30.00	
9180.00	8.70	180.00	9179.89	-2.20	0.00	2.20	30.00	0.00	30.00	
9190.00	11.70	180.00	9189.73	-3.97	0.00	3.97	30.00	0.00	30.00	
9200.00	14.70	180.00	9199.46	-6.25	0.00	6.25	30.00	0.00	30.00	
9210.00	17.70	180.00	9209.07	-9.04	0.00	9.04	30.00	0.00	30.00	
9220.00	20.70	180.00	9218.51	-12.32	0.00	12.32	30.00	0.00	30.00	
9230.00	23.70	180.00	9227.77	-16.10	0.00	16.10	30.00	0.00	30.00	
9240.00	26.70	180.00	9236.82	-20.36	0.00	20.36	30.00	0.00	30.00	
9250.00	29.70	180.00	9245.63	-25.08	0.00	25.08	30.00	0.00	30.00	
9260.00	32.70	180.00	9254.18	-30.26	0.00	30.26	30.00	0.00	30.00	
9270.00	35.70	180.00	9262.45	-35.88	0.00	35.88	30.00	0.00	30.00	
9280.00	38.70	180.00	9270.42	-41.93	0.00	41.93	30.00	0.00	30.00	
9290.00	41.70	180.00	9278.05	-48.38	0.00	48.38	30.00	0.00	30.00	
9300.00	44.70	180.00	9285.34	-55.22	0.00	55.22	30.00	0.00	30.00	



Weatherford International, Inc.

Proposal Plan Report



Weatherford

Company: Cimarex
Field: Lea Co., NM (NAD 83)
Site: HURON-13 FEE #4
Well: #4
Wellpath: 1

Date: 1/1/2007 Time: 16:26:46 Page: 2
Co-ordinate(NE) Reference: Site: HURON-13 FEE #4 True North
Vertical (TVD) Reference: SITE 3802.0
Section (YS) Reference: Well (0.00N, 0.00E, 180.00Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	Build deg/100ft	Turn deg/100ft	DLS deg/100ft	Comment
9310.00	47.70	180.00	9292.26	-62.44	0.00	62.44	30.00	0.00	30.00	
9320.00	50.70	180.00	9298.80	-70.01	0.00	70.01	30.00	0.00	30.00	
9330.00	53.70	180.00	9304.93	-77.91	0.00	77.91	30.00	0.00	30.00	
9340.00	56.70	180.00	9310.63	-86.12	0.00	86.12	30.00	0.00	30.00	
9350.00	59.70	180.00	9315.90	-94.62	0.00	94.62	30.00	0.00	30.00	
9360.00	62.70	180.00	9320.72	-103.38	0.00	103.38	30.00	0.00	30.00	
9370.00	65.70	180.00	9325.07	-112.38	0.00	112.38	30.00	0.00	30.00	
9372.28	66.38	180.00	9326.00	-114.46	0.00	114.46	30.00	0.00	30.00	WOLFCAMP
9380.00	68.70	180.00	9328.95	-121.60	0.00	121.60	30.00	0.00	30.00	
9390.00	71.70	180.00	9332.34	-131.00	0.00	131.00	30.00	0.00	30.00	
9400.00	74.70	180.00	9335.23	-140.58	0.00	140.58	30.00	0.00	30.00	
9410.00	77.70	180.00	9337.61	-150.29	0.00	150.29	30.00	0.00	30.00	
9420.00	80.70	180.00	9339.49	-160.11	0.00	160.11	30.00	0.00	30.00	
9430.00	83.70	180.00	9340.85	-170.01	0.00	170.01	30.00	0.00	30.00	
9440.00	86.70	180.00	9341.68	-179.98	0.00	179.98	30.00	0.00	30.00	
9450.00	89.70	180.00	9342.00	-189.97	0.00	189.97	30.00	0.00	30.00	
9451.01	90.00	180.00	9342.00	-190.99	0.00	190.99	30.00	0.00	30.00	LP
9500.00	90.00	180.00	9342.00	-239.97	0.00	239.97	0.00	0.00	0.00	
9600.00	90.00	180.00	9342.00	-339.97	0.00	339.97	0.00	0.00	0.00	
9700.00	90.00	180.00	9342.00	-439.97	0.00	439.97	0.00	0.00	0.00	
9800.00	90.00	180.00	9342.00	-539.97	0.00	539.97	0.00	0.00	0.00	
9900.00	90.00	180.00	9342.00	-639.97	0.00	639.97	0.00	0.00	0.00	
10000.00	90.00	180.00	9342.00	-739.97	0.00	739.97	0.00	0.00	0.00	
10100.00	90.00	180.00	9342.00	-839.97	0.00	839.97	0.00	0.00	0.00	
10200.00	90.00	180.00	9342.00	-939.97	0.00	939.97	0.00	0.00	0.00	
10300.00	90.00	180.00	9342.00	-1039.97	0.00	1039.97	0.00	0.00	0.00	
10400.00	90.00	180.00	9342.00	-1139.97	0.00	1139.97	0.00	0.00	0.00	
10500.00	90.00	180.00	9342.00	-1239.97	0.00	1239.97	0.00	0.00	0.00	
10600.00	90.00	180.00	9342.00	-1339.97	0.00	1339.97	0.00	0.00	0.00	
10700.00	90.00	180.00	9342.00	-1439.97	0.00	1439.97	0.00	0.00	0.00	
10800.00	90.00	180.00	9342.00	-1539.97	0.00	1539.97	0.00	0.00	0.00	
10900.00	90.00	180.00	9342.00	-1639.97	0.00	1639.97	0.00	0.00	0.00	
11000.00	90.00	180.00	9342.00	-1739.97	0.00	1739.97	0.00	0.00	0.00	
11100.00	90.00	180.00	9342.00	-1839.97	0.00	1839.97	0.00	0.00	0.00	
11200.00	90.00	180.00	9342.00	-1939.97	0.00	1939.97	0.00	0.00	0.00	
11300.00	90.00	180.00	9342.00	-2039.97	0.00	2039.97	0.00	0.00	0.00	
11400.00	90.00	180.00	9342.00	-2139.97	0.00	2139.97	0.00	0.00	0.00	
11470.03	90.00	180.00	9342.00	-2210.00	0.00	2210.00	0.00	0.00	0.00	PBHL

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec	Longitude Deg Min Sec
PBHL			9342.00	-2210.00	0.00	735868.14	902047.24	33 1 2 453 N	103 9 23 650 W

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
2123.00	2123.00	RUSTLER		0.00	0.00
3142.00	3142.00	YATES		0.00	0.00
3320.00	3320.00	SEVEN RIVERS		0.00	0.00
3932.00	3932.00	QUEEN		0.00	0.00



Weatherford International, Inc.

Proposal Plan Report



Weatherford

Company: Cimarex Date: 11/1/2007 Time: 16:26:46 Page: 3
Field: Lea Co., NM (NAD 83) Co-ordinate(NE) Reference: Site: HURON 13 FEE #4, True North
Site: HURON 13 FEE #4 Vertical (TVD) Reference: SITE-3802.0
Well: #4 Section (VS) Reference: Well: (0.00N, 0.00E, 180.00Azi)
Wellpath: 1 Survey Calculation Method: Minimum Curvature Db: Sybase

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4272.00	4272.00	GRAYBURG		0.00	0.00
4413.00	4413.00	SAN ANDRES		0.00	0.00
6671.00	6671.00	GLORIETA		0.00	0.00
6905.00	6905.00	BLINEBRY		0.00	0.00
7466.00	7466.00	TUBB		0.00	0.00
7733.00	7733.00	DRINKARD		0.00	0.00
8142.00	8142.00	ABO		0.00	0.00
9372.28	9326.00	WOLFCAMP		0.00	0.00
	0.00	WOLFCAMP B		0.00	0.00

Annotation

MD ft	TVD ft	
9151.01	9151.01	KOP
9451.01	9342.00	LP
11470.02	9342.00	PBHL

Casing Points

MD	TVD	Diameter	Hole Size	Name