

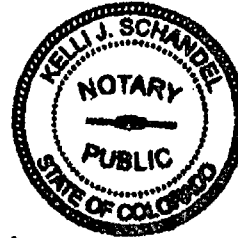
Oil Conservation Division
Case No.
Exhibit No. 7

Dan Spancers
Dan Spancers

SUBSCRIBED AND SWORN TO before me this 18th day of February, 2008 by Dan Spancers.

My Commission Expires: 8/23/2009

Kelli J. Schandel
Notary Public



My Commission Expires Aug. 23, 2009

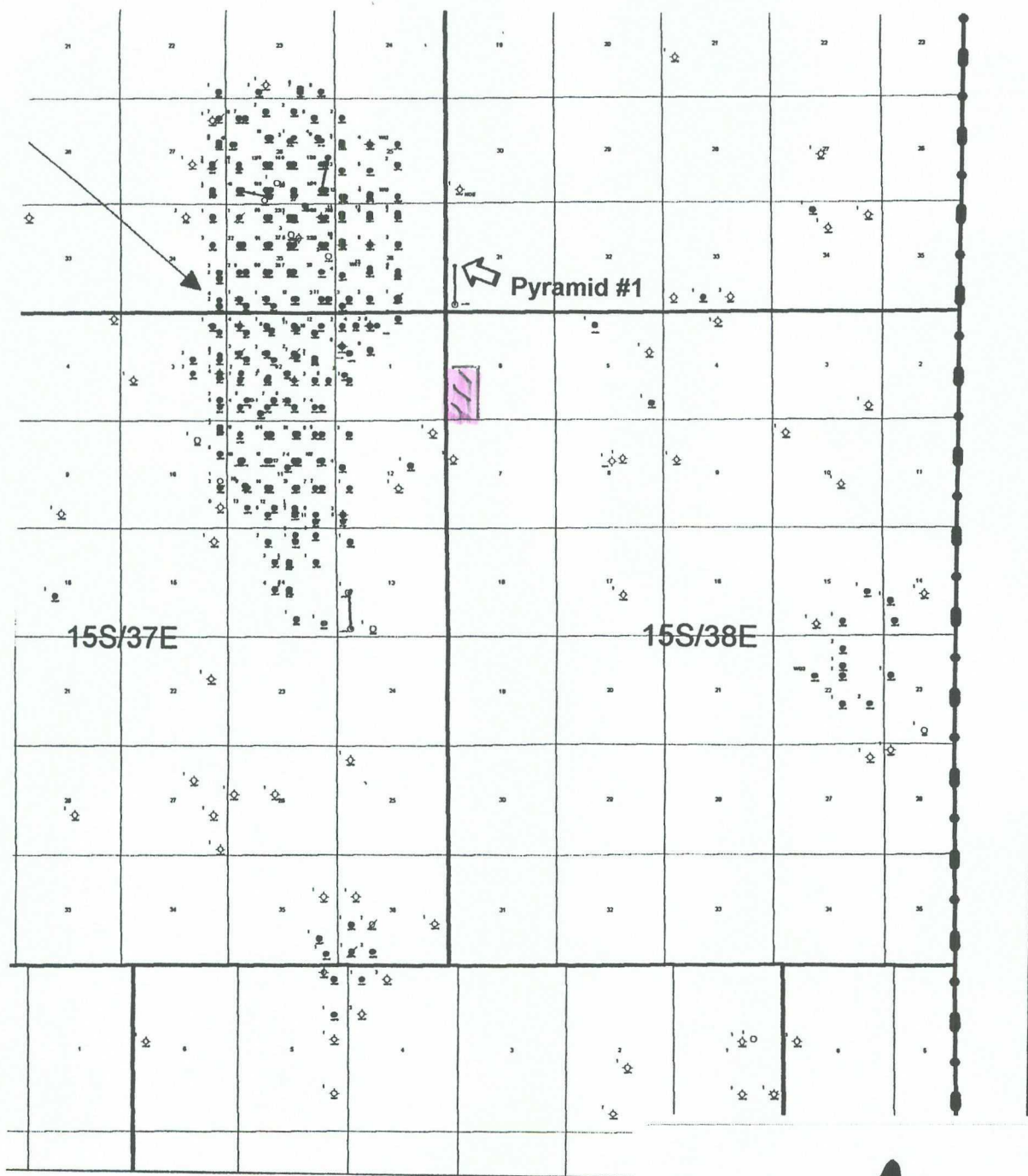


EXHIBIT **A**

ft

<i>Cimarex Energy Co.</i>		
Caudill / Denton Area Base Map Northern Lea Co, NM		
Author: Dave Rittersbacher	Date: 17 May, 2007	
Scale: 1"=8000'		

Pyramid 80 acre unit

Pyramid #1

Lateral currently producing

Harvard 6 Fee #2

Lateral currently producing

Type Log

proposed 80 acre unit

Humboldt 6 State
COM #1

Antero 12 Fee 5

proposed 80 acre unit

Missouri Unit
13 Fee #5

proposed 80 acre unit

Sunshine #1

proposed 80 acre unit

proposed 80 acre unit

Redcloud 13 Fee #2

EXHIBIT

B

Proposed Pooled Live Interest

-5400

-5400

-5500

-5500

-5600

-5600

-5700

-5700

WOLFCAMP
9256
-5459

Pyramid #1
Horizontal Target
Zone

C

EXHIBIT

WOLFCAMP B
9514

30-025-38603



Weatherford

Drilling Services

Proposal



HUMBOLDT 6 STATE COM #1

LEA COUNTY, NEW MEXICO

WELL FILE: **PLAN 1**

NOVEMBER 09, 2007

Weatherford International, Ltd.

P.O. Box 61028

Midland, TX 79711 USA

+1.432.561.8892 Main

+1.432.561.8895 Fax

www.weatherford.com

EXHIBIT **D**



HUMBOLDT 6 STATE COM #1
LEA COUNTY, NEW MEXICO



Weatherford

SECTION DETAILS

Sec	MD	Inc	A ₂	TVD	+N/-S	+E/-W	Dleg	Tface	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	9188.01	0.00	0.00	9188.01	0.00	0.00	0.00	0.00	0.00	
3	9488.01	0.00	0.00	9379.00	190.99	0.00	0.00	190.99	0.00	
4	11607.03	0.00	0.00	9379.00	2310.00	0.00	0.00	2310.00	0.00	PBHL

WELL DETAILS

Name +N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#1 0.00	0.00	226847.31	276124.23	33°02'24.937N	103°08'37.068W	N/A

TARGET DETAILS

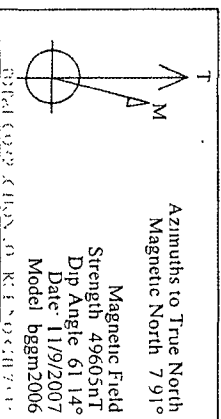
Name	TVD	+N/-S	+E/-W	Shape
PBHL	9379.00	2310.00	0.00	Point

FIELD DETAILS

Lea Co., NM (NAD 83)
Geoidetic System US State Plane Coordinate System 1983
Ellipsoid GRS 1980
Zone New Mexico, Eastern Zone
Magnetic Model bggm2006
System Datum Mean Sea Level
Local North True North

SITE DETAILS

HUMBOLDT 6 STATE COM
430' FSL, 430' FWL of SEC 6, T-15-S, R-38-E
Site Centre Northing 226847.31
Easting 276124.23
Ground Level 3782.00
Positional Uncertainty 0.00
Convergence 0.65



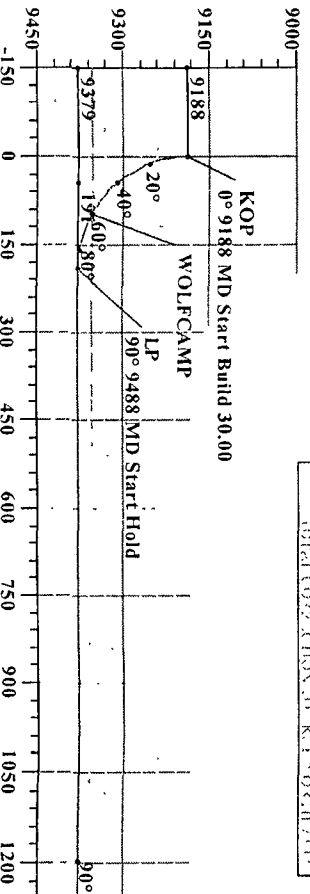
1 KB ELEV 3804'
2 GL ELEV 3782'

KOP 0° 9188 MD Start Build 30.00

WOLF CAMP

LP 90° 9488 MD Start Hold

True Vertical Depth [300ft/in]

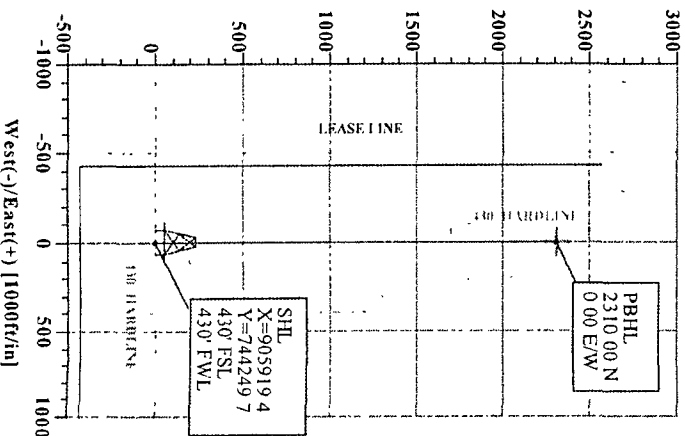


Vertical Section at 0.00° [300ft/in]

FORMATION TOP DETAILS

No.	TVD/Pair	MD/Pair	Formation
1	2187.00	2187.00	RUSTLER
2	3137.00	3137.00	YATES
3	3328.00	3328.00	SEVEN RIVERS
4	3925.00	3925.00	QUEEN
5	4260.00	4260.00	GRAYBURG
6	4416.00	4416.00	SAN ANDRES
7	6690.00	6690.00	GLORIETA
8	6930.00	6930.00	BLINDBRY
9	7496.00	7496.00	TUBB
10	7753.00	7753.00	DRINKARD
11	8165.00	8165.00	ABO
12	9389.19	9389.19	WOLF CAMP

South(-)/North(+) [1000ft/in]



SHL
X=905919.4
Y=744249.7
430' FSL
430' FWL



Weatherford International, Inc.

Proposal Plan Report



Weatherford

Company: Cimarex		Date: 11/12/2007	Time: 09 53:13	Page: 1						
Field: Lea Co , NM (NAD 83)		Co-ordinate(NE) Reference: Site HUMBOLDT 6 STATE COM, True North								
Site: HUMBOLDT 6 STATE COM		Vertical (TVD) Reference: SITE 3804.0								
Well: #1		Section (VS) Reference: Well (0.00N,0.00E,0.00Azi)								
Wellpath: 1		Survey Calculation Method: Minimum Curvature Db: Sybase								
Plan: Plan #1		Date Composed: 11/9/2007								
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: HUMBOLDT 6 STATE COM										
430' FSL 430' FWL of SEC 6, T-15-S, R-38-E										
Site Position:	Northing: 744249.70 ft	Latitude: 33 2 24.937 N								
From: Map	Easting: 905919.40 ft	Longitude: 103 8 37.068 W								
Position Uncertainty: 0.00 ft		North Reference: True								
Ground Level: 3782.00 ft		Grid Convergence: 0.65 deg								
Well: #1 Slot Name:										
Well Position: +N/-S 0.00 ft	Northing: 744249.70 ft	Latitude: 33 2 24.937 N								
+E/-W 0.00 ft	Easting: 905919.40 ft	Longitude: 103 8 37.068 W								
Position Uncertainty: 0.00 ft										
Wellpath: 1										
Current Datum: SITE	Height: 3804.00 ft	Drilled From: Surface								
Magnetic Data: 11/9/2007		Tie-on Depth: 0.00 ft								
Field Strength: 49605 nT		Above System Datum: Mean Sea Level								
Vertical Section: Depth From (TVD)	+N/-S	Declination: 7.91 deg								
ft	ft	Mag Dip Angle: 61.14 deg								
		+E/-W	Direction							
		ft	deg							
0.00	0.00	0.00	0.00							
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9188.01	0.00	0.00	9188.01	0.00	0.00	0.00	0.00	0.00	0.00	
9488.01	90.00	0.00	9379.00	190.99	0.00	30.00	30.00	0.00	0.00	
11607.03	90.00	0.00	9379.00	2310.00	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	
9000.00	0.00	0.00	9000.00	0.00	0.00	0.00	0.00	0.00	0.00	
9100.00	0.00	0.00	9100.00	0.00	0.00	0.00	0.00	0.00	0.00	
9188.01	0.00	0.00	9188.01	0.00	0.00	0.00	0.00	0.00	0.00	KOP
9190.00	0.60	0.00	9190.00	0.01	0.00	0.01	30.00	0.00	30.00	
9200.00	3.60	0.00	9199.99	0.38	0.00	0.38	30.00	0.00	30.00	
9210.00	6.60	0.00	9209.95	1.26	0.00	1.26	30.00	0.00	30.00	
9220.00	9.60	0.00	9219.85	2.67	0.00	2.67	30.00	0.00	30.00	
9230.00	12.60	0.00	9229.66	4.60	0.00	4.60	30.00	0.00	30.00	
9240.00	15.60	0.00	9239.36	7.03	0.00	7.03	30.00	0.00	30.00	
9250.00	18.60	0.00	9248.92	9.97	0.00	9.97	30.00	0.00	30.00	
9260.00	21.60	0.00	9258.31	13.41	0.00	13.41	30.00	0.00	30.00	
9270.00	24.60	0.00	9267.51	17.33	0.00	17.33	30.00	0.00	30.00	
9280.00	27.60	0.00	9276.48	21.73	0.00	21.73	30.00	0.00	30.00	
9290.00	30.60	0.00	9285.22	26.59	0.00	26.59	30.00	0.00	30.00	
9300.00	33.60	0.00	9293.69	31.90	0.00	31.90	30.00	0.00	30.00	
9310.00	36.60	0.00	9301.87	37.65	0.00	37.65	30.00	0.00	30.00	
9320.00	39.60	0.00	9309.74	43.82	0.00	43.82	30.00	0.00	30.00	



Weatherford International, Inc.

Proposal Plan Report

**Weatherford**

Company: Cimarex Date: 11/12/2007 Time: 09:53:13 Page: 1 of 2
Field: Lea Co, NM (NAD 83) Co-ordinate(NE) Reference: Site HUMBOLDT 6 STATE COM, True North
Site: HUMBOLDT 6 STATE COM Vertical (TVD) Reference: SITE 3804.0
Well: #1 Section (VS) Reference: Well (0.00N,0.00E,0.00Azi)
Wellpath: Survey Calculation Method: Minimum Curvature Db: Sybase

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	
9330.00	42.60	0.00	9317.28	50.39	0.00	50.39	30.00	0.00	30.00	
9340.00	45.60	0.00	9324.46	57.35	0.00	57.35	30.00	0.00	30.00	
9350.00	48.60	0.00	9331.27	64.67	0.00	64.67	30.00	0.00	30.00	
9360.00	51.60	0.00	9337.68	72.34	0.00	72.34	30.00	0.00	30.00	
9370.00	54.60	0.00	9343.68	80.34	0.00	80.34	30.00	0.00	30.00	
9380.00	57.60	0.00	9349.26	88.64	0.00	88.64	30.00	0.00	30.00	
9389.19	60.35	0.00	9354.00	96.52	0.00	96.52	30.00	0.00	30.00	WOLFCAMP
9390.00	60.60	0.00	9354.40	97.22	0.00	97.22	30.00	0.00	30.00	
9400.00	63.60	0.00	9359.08	106.05	0.00	106.05	30.00	0.00	30.00	
9410.00	66.60	0.00	9363.29	115.12	0.00	115.12	30.00	0.00	30.00	
9420.00	69.60	0.00	9367.02	124.40	0.00	124.40	30.00	0.00	30.00	
9430.00	72.60	0.00	9370.26	133.86	0.00	133.86	30.00	0.00	30.00	
9440.00	75.60	0.00	9373.00	143.48	0.00	143.48	30.00	0.00	30.00	
9450.00	78.60	0.00	9375.23	153.22	0.00	153.22	30.00	0.00	30.00	
9460.00	81.60	0.00	9376.95	163.07	0.00	163.07	30.00	0.00	30.00	
9470.00	84.60	0.00	9378.15	173.00	0.00	173.00	30.00	0.00	30.00	
9480.00	87.60	0.00	9378.83	182.97	0.00	182.97	30.00	0.00	30.00	
9488.01	90.00	0.00	9379.00	190.99	0.00	190.99	30.00	0.00	30.00	LP
9500.00	90.00	0.00	9379.00	202.97	0.00	202.97	0.00	0.00	0.00	
9600.00	90.00	0.00	9379.00	302.97	0.00	302.97	0.00	0.00	0.00	
9700.00	90.00	0.00	9379.00	402.97	0.00	402.97	0.00	0.00	0.00	
9800.00	90.00	0.00	9379.00	502.97	0.00	502.97	0.00	0.00	0.00	
9900.00	90.00	0.00	9379.00	602.97	0.00	602.97	0.00	0.00	0.00	
10000.00	90.00	0.00	9379.00	702.97	0.00	702.97	0.00	0.00	0.00	
10100.00	90.00	0.00	9379.00	802.97	0.00	802.97	0.00	0.00	0.00	
10200.00	90.00	0.00	9379.00	902.97	0.00	902.97	0.00	0.00	0.00	
10300.00	90.00	0.00	9379.00	1002.97	0.00	1002.97	0.00	0.00	0.00	
10400.00	90.00	0.00	9379.00	1102.97	0.00	1102.97	0.00	0.00	0.00	
10500.00	90.00	0.00	9379.00	1202.97	0.00	1202.97	0.00	0.00	0.00	
10600.00	90.00	0.00	9379.00	1302.97	0.00	1302.97	0.00	0.00	0.00	
10700.00	90.00	0.00	9379.00	1402.97	0.00	1402.97	0.00	0.00	0.00	
10800.00	90.00	0.00	9379.00	1502.97	0.00	1502.97	0.00	0.00	0.00	
10900.00	90.00	0.00	9379.00	1602.97	0.00	1602.97	0.00	0.00	0.00	
11000.00	90.00	0.00	9379.00	1702.97	0.00	1702.97	0.00	0.00	0.00	
11100.00	90.00	0.00	9379.00	1802.97	0.00	1802.97	0.00	0.00	0.00	
11200.00	90.00	0.00	9379.00	1902.97	0.00	1902.97	0.00	0.00	0.00	
11300.00	90.00	0.00	9379.00	2002.97	0.00	2002.97	0.00	0.00	0.00	
11400.00	90.00	0.00	9379.00	2102.97	0.00	2102.97	0.00	0.00	0.00	
11500.00	90.00	0.00	9379.00	2202.97	0.00	2202.97	0.00	0.00	0.00	
11607.03	90.00	0.00	9379.00	2310.00	0.00	2310.00	0.00	0.00	0.00	PBHL

Targets

Name	Description	TVD	+N/-S	+E/-W	Map Northing	Map Easting	Latitude	Longitude
Dip.	Dir.	ft	ft	ft	ft	ft	Deg Min Sec	Deg Min Sec
PBHL		9379.00	2310.00	0.00	746559.55	905893.24	33 2 47 791 N	103 8 37 068 W



Weatherford International, Inc.
Proposal Plan Report



Weatherford

Company: Cimarex Date: 11/12/2007 Time: 09:53:13 Page: 3
Field: Lea Co., NM (NAD 83) Co-ordinate(NE) Reference: Site: HUMBOLDT 6 STATE COM, True North
Site: HUMBOLDT 6 STATE COM Vertical (TVD) Reference: SITE 3804 0
Well: #1 Section (VS) Reference: Well: (0 00N, 0 00E, 0 00Azi)
Wellpath: 1 Survey Calculation Method: Minimum Curvature Db: Sybase

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
2187.00	2187.00	RUSTLER		0.00	0.00
3137.00	3137.00	YATES		0.00	0.00
3328.00	3328.00	SEVEN RIVERS		0.00	0.00
3925.00	3925.00	QUEEN		0.00	0.00
4260.00	4260.00	GRAYBURG		0.00	0.00
4416.00	4416.00	SAN ANDRES		0.00	0.00
6690.00	6690.00	GLORIETA		0.00	0.00
6930.00	6930.00	BLINEBRY		0.00	0.00
7496.00	7496.00	TUBB		0.00	0.00
7753.00	7753.00	DRINKARD		0.00	0.00
8165.00	8165.00	ABO		0.00	0.00
9389.19	9354.00	WOLFCAMP		0.00	0.00

Annotation

MD ft	TVD ft	
9188.01	9188.01	KOP
9488.01	9379.00	LP
11607.02	9379.00	PBHL

Casing Points

MD	TVD	Diameter	Hole Size	Name