



McVAY DRILLING COMPANY
P.O. Box 2450
Hobbs, New Mexico 88241
(575) 397-3311
FAX: 39-DRILL

30-025-41353
HOBBS OCD

AUG 04 2015

Well Name and Num: Godfather 36 State Com #2H
Location: Sec 36, T22S, R34E
Operator: GMT
Drilling Contractor: McVay Drilling Company

RECEIVED

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>
0.10	368	0.10	6548	88.95	11774
0.20	692	0.50	7217	90.06	11938
0.30	856	2.84	7502	89.69	12501
0.30	1258	2.60	7977	89.63	12880
0.20	1440	0.43	8452	89.63	13445
0.10	1633	0.75	8736	89.65	13821
0.16	1838	1.19	9021	89.65	14199
0.45	2126	0.84	9211	89.91	14482
0.56	2318	1.09	9400	90.06	14850
0.70	2797	0.50	9685	90.09	15737
0.47	3277	0.63	9969	90.00	15529
0.47	3660	0.84	10349	89.51	15994
0.64	4043	1.35	10698		
0.07	4523	30.12	11068		
0.07	4907	52.73	11362		
0.70	5174	67.63	11498		
0.07	6068	79.31	11584		

By: *Handy Crum*

Subscribed and sworn to before me this 6th day of October, 2014

Tina Flemens
Notary Public, Lea County, New Mexico



AUG 13 2015

gm

GMT Exploration Company
Well Bore Schematic - Not to Scale - Horizontal Well

HOBBS OCD

AUG 04 2015

RECEIVED

Well Name : Godfather State Com #2H
API No. : 30-025-41353
OGRID No. : 260511
Property Code : 40077
Surface Location : 40' FNL & 1670' FWL
S/T/R : 36-225-34E
Field : Ojo Chiso; Bone Spring South
Pool Code : 97293
County : Lea
State : New Mexico

Spud Date : 9/2/2014
Completion Date :
G.L. Elevation : 3432
K.B. Elevation : 3451.5
Diagram Date : 6/25/2015
Revisions : WL

Casing Design

Type	Hole Size	Csg Size	Weight	Grade	Depth	Jts.	Cementing Details
							Lead: Class "C", 850 sx, 12.9 ppg, 10.54 gal/sk. Additives: 3 Extender, 2% CaCl, 3#/sk Kolite, .13#/sk Poly Flake, .2% Anti Slurry Tail: Class "C", 455 sx, 14.8 ppg, 6.36 gals/sk. Additives: .5% Extender, m2% Anti Foam
Surface	17 1/2	13 3/8	54.5	J-55	1805	43	Lead: TXI Liteweight, 200 sx, 12.4 ppg, ? gals/sk. Additives: Bentonite, 5# Kolite, .125# Poly Flake, .2 Anti Foam, .3% Ret Tail: Class "C", 200 sx, 14.8 ppg, 6.33 gals/sk. Additives: .01 Anti Foam, .125 Poly Flake
Intermediate	11	8 5/8	32	J55 & HCL8C	5113	116	Lead: Class H, 600 sx, 11.8 ppg, ? gals/sk. Additives: 42 pps Extender, 5% salt, 8% D020 gel, 0.5% D207 FLA, 3 pps Kolite, Flake, 0.2% D046 Anti Foamer, 0.1% D208 Viscosifier, 0.5% Tail: Acid Soluble Cement 100 sx, 13.5 ppg, 7.98 gals/sk. A D174 Expanding Agent, 0.2% D046 Anti Foamer, 0.4% D800 D238 Fluid Loss, .1% D208 Viscosifier, .2% Dispersant
Production	7 7/8	5 1/2	20	P110	16017	362	

Tubing String Design

Size	Weight	Grade	No. of Jts	Length	Depth	Type
2 7/8	6.5	N80	321	10627.00	10,627	8RD TBG
2				12.00	10,639	
2 7/8	6.5	N80	1	33.15	10,672	8RD TBG

End of Tubing
Seating Nipple
TAC
Gas Sep ID
Gas Sep OD
Desander ID
Desander OD

Rods String Design

Rods	Length	Item

Kick off Point 10,737 MD 10,737 TVD
Lateral TD 15,981 MD 11,310 TVD
Float Collar 15,993 MD

See Frac Details Tab for Stimulation

Packer set at 10,693

[Handwritten signature]



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

HOBBS OCD

AUG 04 2015

RECEIVED

GMT Exploration Co, LLC
125 W. Missouri Ave, Ste. 450
Midland, TX 79701

Date: March 2, 2015

Attention: Sarah Heger

Re: GMT Exploration Co, LLC
Well: Godfather State Com 2H
Lea 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:

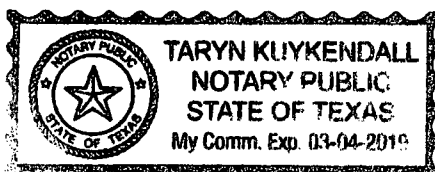
Name & Title Of Surveyor	Well Number	Surveyed Depths	Dates Performed	Type of Survey
Jesus Hernandez MWD Supervisor	2H	1838 MD 15994 MD	9/6/2014 10/2/2014	Measurement While Drilling

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.

Jesus Aguilar
MWD Ops Coordinator

On this, the 2nd day of March, 2015, before me a notary public, the undersigned officer, personally appeared Jesus 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.

Notary Public

Godfather State Com #2H

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 Godfather State Com #2H	Units : US ft	North Reference : Grid	Convergence Angle : 0.49			
	Position	Northing : 494187.60 US ft	Latitude : 32° 21' 19.20"			
		Easting : 821245.10 US ft	Longitude : -103° 25' 36.75"			
	Elevation above Mean Sea Level: 3429.00 US ft					
	Comment :					
Slot Name Godfather State Com #2H	Position (Offsets relative to Site Centre)					
	+N / -S : 0.00 US ft	Northing : 494187.60 US ft	Latitude : 32°21'19.20"			
	+E / -W : 0.00 US ft	Easting : 821245.10 US ft	Longitude : -103°25'36.75"			
	Slot TVD Reference : Ground Elevation					
	Elevation above Mean Sea Level : 3429.00 US ft					
	Comment :					
Well Name Godfather State Com #2H	Type : Main well		UWI :		Comment :	
	Rig Height Kelly Bushing : 20.00 US ft		Relative to Mean Sea Level: 3449.00 US ft			
	Closure Distance : 4907.23 US ft		Closure Azimuth : 179.648°			
	Vertical Section (Position of Origin Relative to Slot)					
	+N / -S : 0.00 US ft	+E / -W : 0.00 US ft	Az : 179.64°			

Target Set

Name : Godfather State Com #2H
Number of Targets : 1

Comment :

Target Name: PBHL Shape: Cuboid	Position (Relative to Slot centre)		
	+N / -S : -4917.30US ft	Northing : 489270.30 US ft	Latitude : 32°20'30.55"
	+E / -W : 31.00 US ft	Easting : 821276.10US ft	Longitude : -103°25'36.87"
	TVD (Kelly Bushing) : 11394.00 US ft		
	Orientation Azimuth : 179.64°	Inclination : 0.00°	
	Dimensions Length : 8688.88 US ft	Breadth : 100.00 US ft	Height : 0.00 US ft

Survey Name :MWD Svys

Date : 08/Sep/2014 **Survey Tool :** MWD **Comment :** **Company :** Wft

Magnetic Model

Model Name: BGGM **Date:** 01/Oct/2014 **Field Strength:** 48369.1 nT **Declination:** 7.28° **Dip:** 60.25°

Tie Point

MD: 0 **Inclination:** 0 **Azimuth:** 0 **TVD:** 0 **North Offset:** 0 **East Offset:** 0

5D Survey Report

Wellpath 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)	Survey Tool	Comment
0.00	0.00	0.00	0.00	0.00	0.00	-0.00	0.00	494187.60	821245.10	MWD	
1838.00	0.16	44.89	1838.00	1.82	1.81	-1.81	0.01	494189.42	821246.91	MWD	First Wft Svy
1934.00	0.25	9.36	1934.00	2.12	1.94	-2.11	0.16	494189.72	821247.04	MWD	
2030.00	0.29	24.31	2030.00	2.55	2.07	-2.53	0.08	494190.15	821247.17	MWD	
2126.00	0.45	41.05	2125.99	3.05	2.42	-3.04	0.20	494190.65	821247.52	MWD	
2222.00	0.49	34.49	2221.99	3.68	2.90	-3.66	0.07	494191.28	821248.00	MWD	
2318.00	0.56	38.64	2317.99	4.38	3.43	-4.36	0.08	494191.98	821248.53	MWD	
2413.00	0.55	34.83	2412.98	5.12	3.98	-5.09	0.04	494192.72	821249.08	MWD	
2509.00	0.70	43.99	2508.98	5.92	4.65	-5.89	0.19	494193.52	821249.75	MWD	
2605.00	0.63	52.53	2604.97	6.66	5.47	-6.63	0.13	494194.26	821250.57	MWD	
2701.00	0.64	58.90	2700.96	7.26	6.35	-7.22	0.07	494194.86	821251.45	MWD	
2797.00	0.70	56.26	2796.96	7.86	7.30	-7.82	0.07	494195.46	821252.40	MWD	
2894.00	0.60	52.77	2893.95	8.50	8.20	-8.45	0.11	494196.10	821253.30	MWD	
2990.00	0.56	60.37	2989.95	9.03	9.00	-8.98	0.09	494196.63	821254.10	MWD	
3085.00	0.56	47.33	3084.94	9.58	9.75	-9.52	0.13	494197.18	821254.85	MWD	
3181.00	0.63	54.56	3180.94	10.20	10.52	-10.14	0.11	494197.80	821255.62	MWD	
3277.00	0.47	52.88	3276.93	10.75	11.27	-10.67	0.17	494198.35	821256.37	MWD	
3373.00	0.66	56.63	3372.93	11.29	12.04	-11.21	0.20	494198.89	821257.14	MWD	
3468.00	0.91	71.82	3467.92	11.82	13.22	-11.74	0.34	494199.42	821258.32	MWD	
3564.00	1.02	66.27	3563.91	12.41	14.72	-12.31	0.15	494200.01	821259.82	MWD	
3660.00	0.47	84.48	3659.90	12.79	15.90	-12.69	0.62	494200.39	821261.00	MWD	
3756.00	0.43	89.38	3755.89	12.83	16.65	-12.72	0.06	494200.43	821261.75	MWD	
3852.00	0.73	72.03	3851.89	13.02	17.59	-12.91	0.36	494200.62	821262.69	MWD	
3948.00	0.84	88.96	3947.88	13.22	18.88	-13.10	0.27	494200.82	821263.98	MWD	
4044.00	0.64	96.50	4043.87	13.18	20.11	-13.05	0.23	494200.78	821265.21	MWD	
4139.00	0.38	87.08	4138.87	13.13	20.95	-13.00	0.29	494200.73	821266.05	MWD	
4235.00	0.29	97.18	4234.87	13.12	21.51	-12.98	0.11	494200.72	821266.61	MWD	
4331.00	0.14	136.20	4330.87	13.00	21.84	-12.86	0.21	494200.60	821266.94	MWD	
4427.00	0.10	124.56	4426.87	12.87	21.99	-12.73	0.05	494200.47	821267.09	MWD	
4523.00	0.07	309.22	4522.87	12.86	22.01	-12.72	0.18	494200.46	821267.11	MWD	
4620.00	0.10	274.38	4619.87	12.90	21.88	-12.77	0.06	494200.50	821266.98	MWD	
4715.00	0.07	229.99	4714.87	12.87	21.75	-12.74	0.07	494200.47	821266.85	MWD	
4811.00	0.07	91.25	4810.87	12.83	21.77	-12.70	0.14	494200.43	821266.87	MWD	
4907.00	0.07	18.61	4906.87	12.89	21.84	-12.75	0.09	494200.49	821266.94	MWD	
5002.00	0.21	73.95	5001.86	12.99	22.03	-12.85	0.19	494200.59	821267.13	MWD	
5046.00	0.07	97.24	5045.86	13.01	22.13	-12.87	0.34	494200.61	821267.23	MWD	
5174.00	0.07	145.46	5173.86	12.94	22.26	-12.80	0.04	494200.54	821267.36	MWD	
5206.00	0.21	250.89	5205.86	12.90	22.21	-12.76	0.74	494200.50	821267.31	MWD	
5300.00	0.21	241.77	5299.86	12.76	21.90	-12.62	0.04	494200.36	821267.00	MWD	
5395.00	0.16	304.18	5394.86	12.75	21.63	-12.62	0.21	494200.35	821266.73	MWD	
5492.00	0.20	189.85	5491.86	12.66	21.49	-12.53	0.31	494200.26	821266.59	MWD	
5588.00	0.00	0.00	5587.86	12.50	21.46	-12.36	0.21	494200.10	821266.56	MWD	
5684.00	0.29	223.22	5683.86	12.32	21.30	-12.19	0.30	494199.92	821266.40	MWD	
5780.00	0.36	193.41	5779.86	11.85	21.06	-11.72	0.19	494199.45	821266.16	MWD	
5876.00	0.14	238.54	5875.86	11.50	20.89	-11.37	0.29	494199.10	821265.99	MWD	
5972.00	0.14	270.47	5971.86	11.44	20.67	-11.31	0.08	494199.04	821265.77	MWD	
6068.00	0.07	37.03	6067.86	11.48	20.59	-11.35	0.20	494199.08	821265.69	MWD	
6164.00	0.16	141.80	6163.86	11.43	20.71	-11.30	0.20	494199.03	821265.81	MWD	
6260.00	0.22	190.90	6259.86	11.14	20.76	-11.01	0.17	494198.74	821265.86	MWD	
6356.00	0.16	257.39	6355.86	10.93	20.59	-10.80	0.22	494198.53	821265.69	MWD	
6452.00	0.16	229.67	6451.86	10.81	20.36	-10.68	0.08	494198.41	821265.46	MWD	
6548.00	0.10	236.33	6547.86	10.68	20.19	-10.55	0.06	494198.28	821265.29	MWD	
6644.00	0.07	193.70	6643.86	10.58	20.10	-10.45	0.07	494198.18	821265.20	MWD	
6740.00	0.43	279.09	6739.86	10.58	19.73	-10.45	0.45	494198.18	821264.83	MWD	
6836.00	0.45	300.99	6835.85	10.83	19.06	-10.71	0.18	494198.43	821264.16	MWD	
6932.00	0.36	262.86	6931.85	10.98	18.43	-10.87	0.29	494198.58	821263.53	MWD	

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)	Survey Tool	Comment
7027.00	0.38	307.78	7026.85	11.14	17.89	-11.03	0.30	494198.74	821262.99	MWD	
7122.00	0.50	264.56	7121.85	11.29	17.23	-11.19	0.36	494198.89	821262.33	MWD	
7217.00	0.50	270.60	7216.84	11.26	16.40	-11.16	0.06	494198.86	821261.50	MWD	
7312.00	0.66	243.56	7311.84	11.02	15.49	-10.92	0.33	494198.62	821260.59	MWD	
7407.00	0.78	254.35	7406.83	10.60	14.38	-10.51	0.19	494198.20	821259.48	MWD	
7502.00	0.84	275.32	7501.82	10.49	13.07	-10.41	0.32	494198.09	821258.17	MWD	
7597.00	0.58	271.26	7596.82	10.57	11.89	-10.49	0.28	494198.17	821256.99	MWD	
7692.00	0.58	271.48	7691.81	10.59	10.93	-10.52	0.00	494198.19	821256.03	MWD	
7787.00	0.56	254.34	7786.81	10.48	10.00	-10.41	0.18	494198.08	821255.10	MWD	
7882.00	0.59	261.55	7881.80	10.28	9.07	-10.22	0.08	494197.88	821254.17	MWD	
7977.00	0.60	274.34	7976.80	10.25	8.09	-10.19	0.14	494197.85	821253.19	MWD	
8072.00	0.51	267.25	8071.79	10.26	7.17	-10.22	0.12	494197.86	821252.27	MWD	
8167.00	0.63	290.06	8166.79	10.42	6.26	-10.38	0.27	494198.02	821251.36	MWD	
8262.00	0.58	266.83	8261.78	10.57	5.29	-10.54	0.26	494198.17	821250.39	MWD	
8357.00	0.50	249.95	8356.78	10.41	4.42	-10.38	0.19	494198.01	821249.52	MWD	
8452.00	0.43	260.85	8451.77	10.21	3.68	-10.18	0.12	494197.81	821248.78	MWD	
8547.00	0.64	245.64	8546.77	9.93	2.84	-9.91	0.27	494197.53	821247.94	MWD	
8641.00	0.78	240.77	8640.76	9.40	1.81	-9.39	0.16	494197.00	821246.91	MWD	
8736.00	0.75	260.80	8735.76	8.99	0.63	-8.98	0.28	494196.59	821245.73	MWD	
8831.00	0.51	296.62	8830.75	9.08	-0.36	-9.08	0.47	494196.68	821244.74	MWD	
8926.00	0.98	297.82	8925.74	9.65	-1.46	-9.65	0.49	494197.25	821243.64	MWD	
9021.00	1.19	279.96	9020.72	10.20	-3.15	-10.21	0.42	494197.80	821241.95	MWD	
9116.00	0.85	293.81	9115.71	10.65	-4.77	-10.68	0.44	494198.25	821240.33	MWD	
9211.00	0.84	288.36	9210.70	11.15	-6.07	-11.19	0.09	494198.75	821239.03	MWD	
9305.00	0.91	274.01	9304.69	11.42	-7.47	-11.47	0.24	494199.02	821237.63	MWD	
9400.00	1.09	264.58	9399.67	11.39	-9.12	-11.45	0.26	494198.99	821235.98	MWD	
9495.00	1.29	248.31	9494.65	10.91	-11.01	-10.98	0.41	494198.51	821234.09	MWD	
9584.00	1.56	271.97	9583.63	10.58	-13.16	-10.66	0.72	494198.18	821231.94	MWD	
9685.00	0.85	277.20	9684.60	10.72	-15.27	-10.82	0.71	494198.32	821229.83	MWD	
9780.00	0.14	186.88	9779.60	10.70	-15.99	-10.80	0.91	494198.30	821229.11	MWD	
9875.00	0.49	255.78	9874.60	10.48	-16.39	-10.58	0.48	494198.08	821228.71	MWD	
9969.00	0.63	212.46	9968.59	9.95	-17.06	-10.05	0.46	494197.55	821228.04	MWD	
10064.00	0.78	240.91	10063.59	9.19	-17.91	-9.30	0.40	494196.79	821227.19	MWD	
10160.00	0.91	237.95	10159.58	8.47	-19.12	-8.59	0.14	494196.07	821225.98	MWD	
10254.00	0.75	236.04	10253.57	7.73	-20.27	-7.86	0.17	494195.33	821224.83	MWD	
10349.00	0.84	197.77	10348.56	6.72	-20.99	-6.85	0.56	494194.32	821224.11	MWD	
10444.00	1.16	152.48	10443.55	5.20	-20.76	-5.33	0.87	494192.80	821224.34	MWD	
10539.00	1.09	154.73	10538.53	3.53	-19.93	-3.66	0.09	494191.13	821225.17	MWD	
10634.00	0.84	134.09	10633.51	2.23	-19.05	-2.35	0.45	494189.83	821226.05	MWD	
10698.00	1.35	119.39	10697.50	1.53	-18.05	-1.65	0.90	494189.13	821227.05	MWD	
10730.00	1.39	106.61	10729.49	1.24	-17.35	-1.35	0.96	494188.84	821227.75	MWD	
10762.00	2.50	136.31	10761.48	0.62	-16.50	-0.73	4.58	494188.22	821228.60	MWD	
10793.00	5.07	159.13	10792.41	-1.15	-15.54	1.05	9.45	494186.45	821229.56	MWD	
10825.00	7.99	165.23	10824.20	-4.62	-14.47	4.53	9.37	494182.98	821230.63	MWD	
10856.00	11.23	167.39	10854.76	-9.65	-13.26	9.57	10.51	494177.95	821231.84	MWD	
10888.00	14.50	171.01	10885.95	-16.65	-11.96	16.57	10.52	494170.95	821233.14	MWD	
10920.00	17.49	172.59	10916.71	-25.38	-10.71	25.31	9.44	494162.22	821234.39	MWD	
10951.00	20.33	173.53	10946.03	-35.35	-9.50	35.29	9.21	494152.25	821235.60	MWD	
10983.00	24.01	175.12	10975.66	-47.36	-8.32	47.31	11.65	494140.24	821236.78	MWD	
11015.00	26.29	175.46	11004.63	-60.92	-7.21	60.87	7.14	494126.68	821237.89	MWD	
11046.00	28.13	176.36	11032.19	-75.05	-6.20	75.01	6.08	494112.55	821238.90	MWD	
11078.00	30.12	177.48	11060.15	-90.61	-5.37	90.57	6.45	494096.99	821239.73	MWD	
11109.00	32.53	178.13	11086.63	-106.71	-4.75	106.68	7.85	494080.89	821240.35	MWD	
11141.00	35.15	179.53	11113.20	-124.52	-4.40	124.49	8.54	494063.08	821240.70	MWD	
11173.00	37.11	179.75	11139.05	-143.39	-4.28	143.36	6.14	494044.21	821240.82	MWD	
11204.00	39.38	179.57	11163.39	-162.58	-4.17	162.55	7.33	494025.02	821240.93	MWD	
11236.00	41.93	178.72	11187.67	-183.42	-3.85	183.39	8.15	494004.18	821241.25	MWD	
11267.00	44.60	178.67	11210.24	-204.66	-3.37	204.63	8.61	493982.94	821241.73	MWD	

5D Survey Report

Survey Points (Relative to Slot centre, TVD relative to Kelly Bushing)											
ID (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)	Survey Tool	Comment
11299.00	47.64	179.08	11232.42	-227.72	-2.92	227.70	9.54	493959.88	821242.18	MWD	
11331.00	50.26	180.56	11253.43	-251.85	-2.85	251.82	8.90	493935.75	821242.25	MWD	
11362.00	52.73	181.19	11272.73	-276.10	-3.22	276.08	8.12	493911.50	821241.88	MWD	
11394.00	55.78	181.42	11291.42	-302.06	-3.81	302.03	9.55	493885.54	821241.29	MWD	
11426.00	59.86	181.01	11308.46	-329.14	-4.38	329.10	12.80	493858.46	821240.72	MWD	
11457.00	63.24	179.89	11323.23	-356.39	-4.59	356.35	11.36	493831.21	821240.51	MWD	
11489.00	67.53	178.78	11336.55	-385.47	-4.25	385.43	13.77	493802.13	821240.85	MWD	
11521.00	71.78	177.83	11347.68	-415.45	-3.36	415.42	13.57	493772.15	821241.74	MWD	
11552.00	76.59	176.51	11356.12	-445.23	-1.88	445.21	16.05	493742.37	821243.22	MWD	
11584.00	79.31	175.66	11362.80	-476.45	0.25	476.44	8.89	493711.15	821245.35	MWD	
11616.00	81.45	175.77	11368.15	-507.91	2.61	507.92	6.70	493679.69	821247.71	MWD	
11647.00	83.12	175.92	11372.31	-538.55	4.84	538.57	5.41	493649.05	821249.94	MWD	
11679.00	84.26	175.91	11375.83	-570.27	7.10	570.31	3.56	493617.33	821252.20	MWD	
11710.00	85.45	176.36	11378.61	-601.08	9.18	601.12	4.10	493586.52	821254.28	MWD	
11742.00	87.48	176.78	11380.58	-632.96	11.09	633.02	6.48	493554.64	821256.19	MWD	
11774.00	88.95	176.85	11381.58	-664.89	12.87	664.96	4.60	493522.71	821257.97	MWD	
11844.00	89.94	176.74	11382.26	-734.78	16.78	734.87	1.42	493452.82	821261.88	MWD	
11938.00	90.06	179.38	11382.26	-828.72	19.97	828.83	2.81	493358.88	821265.07	MWD	
12032.00	90.09	179.91	11382.13	-922.71	20.55	922.83	0.56	493264.89	821265.65	MWD	
12124.00	90.31	179.95	11381.81	-1014.71	20.66	1014.82	0.24	493172.89	821265.76	MWD	
12218.00	90.31	179.13	11381.30	-1108.71	21.42	1108.82	0.87	493078.89	821266.52	MWD	
12314.00	90.12	178.57	11380.94	-1204.69	23.34	1204.81	0.62	492982.91	821268.44	MWD	
12408.00	90.31	178.17	11380.59	-1298.65	26.02	1298.79	0.47	492888.95	821271.12	MWD	
12501.00	89.69	179.43	11380.59	-1391.63	27.96	1391.77	1.51	492795.97	821273.06	MWD	
12596.00	89.57	181.43	11381.20	-1486.62	27.25	1486.76	2.11	492700.98	821272.35	MWD	
12690.00	89.69	179.25	11381.81	-1580.61	26.69	1580.74	2.32	492606.99	821271.79	MWD	
12785.00	89.57	178.03	11382.42	-1675.58	28.95	1675.73	1.29	492512.02	821274.05	MWD	
12880.00	89.63	180.42	11383.09	-1770.56	30.23	1770.71	2.52	492417.04	821275.33	MWD	
12975.00	89.75	181.54	11383.60	-1865.54	28.61	1865.69	1.19	492322.06	821273.71	MWD	
13068.00	89.69	181.11	11384.06	-1958.52	26.46	1958.64	0.47	492229.08	821271.56	MWD	
13163.00	89.81	181.16	11384.47	-2053.50	24.58	2053.61	0.14	492134.10	821269.68	MWD	
13257.00	89.75	181.50	11384.83	-2147.47	22.39	2147.57	0.37	492040.13	821267.49	MWD	
13351.00	89.57	180.02	11385.39	-2241.46	21.15	2241.55	1.59	491946.14	821266.25	MWD	
13445.00	89.63	178.82	11386.05	-2335.45	22.10	2335.54	1.28	491852.15	821267.20	MWD	
13539.00	89.94	179.24	11386.40	-2429.43	23.69	2429.54	0.56	491758.17	821268.79	MWD	
13634.00	89.63	179.48	11386.75	-2524.43	24.75	2524.53	0.41	491663.17	821269.85	MWD	
13728.00	89.69	180.08	11387.31	-2618.42	25.11	2618.53	0.64	491569.18	821270.21	MWD	
13821.00	89.65	180.44	11387.85	-2711.42	24.69	2711.52	0.39	491476.18	821269.79	MWD	
13914.00	89.81	181.02	11388.29	-2804.41	23.51	2804.51	0.65	491383.19	821268.61	MWD	
14009.00	90.00	179.39	11388.44	-2899.41	23.17	2899.50	1.73	491288.19	821268.27	MWD	
14104.00	89.82	179.03	11388.59	-2994.40	24.48	2994.49	0.42	491193.20	821269.58	MWD	
14199.00	89.65	179.91	11389.03	-3089.39	25.35	3089.49	0.94	491098.21	821270.45	MWD	
14294.00	89.69	179.79	11389.58	-3184.39	25.60	3184.49	0.13	491003.21	821270.70	MWD	
14388.00	89.82	179.56	11389.98	-3278.39	26.14	3278.49	0.28	490909.21	821271.24	MWD	
14482.00	89.91	179.74	11390.20	-3372.39	26.71	3372.49	0.21	490815.21	821271.81	MWD	
14577.00	90.18	179.56	11390.13	-3467.39	27.29	3467.49	0.34	490720.21	821272.39	MWD	
14671.00	89.74	179.56	11390.19	-3561.38	28.01	3561.49	0.47	490626.22	821273.11	MWD	
14765.00	90.12	180.60	11390.31	-3655.38	27.88	3655.48	1.18	490532.22	821272.98	MWD	
14860.00	90.06	181.29	11390.16	-3750.37	26.31	3750.46	0.73	490437.23	821271.41	MWD	
14955.00	90.00	179.84	11390.11	-3845.36	25.38	3845.44	1.53	490342.24	821270.48	MWD	
15050.00	89.32	178.21	11390.67	-3940.34	26.99	3940.43	1.86	490247.26	821272.09	MWD	
15146.00	89.63	177.80	11391.55	-4036.28	30.34	4036.39	0.54	490151.32	821275.44	MWD	
15242.00	89.44	179.63	11392.33	-4132.25	32.49	4132.37	1.92	490055.35	821277.59	MWD	
15337.00	90.09	180.44	11392.72	-4227.24	32.43	4227.36	1.09	489960.36	821277.53	MWD	
15433.00	89.82	178.50	11392.80	-4323.24	33.32	4323.36	2.04	489864.36	821278.42	MWD	
15529.00	90.00	179.58	11392.95	-4419.22	34.93	4419.35	1.14	489768.38	821280.03	MWD	
15625.00	89.63	179.77	11393.26	-4515.22	35.47	4515.35	0.43	489672.38	821280.57	MWD	
15720.00	89.81	180.26	11393.72	-4610.22	35.45	4610.35	0.55	489577.38	821280.55	MWD	

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)	Survey Tool	Comment
15816.00	89.51	180.34	11394.29	-4706.21	34.94	4706.34	0.32	489481.39	821280.04	MWD	
15912.00	89.20	181.51	11395.37	-4802.19	33.39	4802.31	1.26	489385.41	821278.49	MWD	
15994.00	89.51	181.97	11396.30	-4884.15	30.90	4884.25	0.68	489303.45	821276.00	MWD	Last Wft Svy
16017.00	89.51	181.97	11396.49	-4907.14	30.11	4907.23	0.00	489280.46	821275.21	MWD	Projection

Godfather State Com #2H
Lea Co., New Mexico

Plan Data for Godfather State Com #2H

Site: Godfather State Com #2H
Unit: USFeet TVD Reference:
Company Name: GMT Exploration Co., LLC
Position: Northing: 494187.60USft Latitude: 32.355335°
Easting: 821245.10USft Longitude: -103.426874°
North Reference: Grid Grid Convergence: 0.49°
Elevation Above VRD: 3429.00USft

Plan Data for Godfather State Com #2H

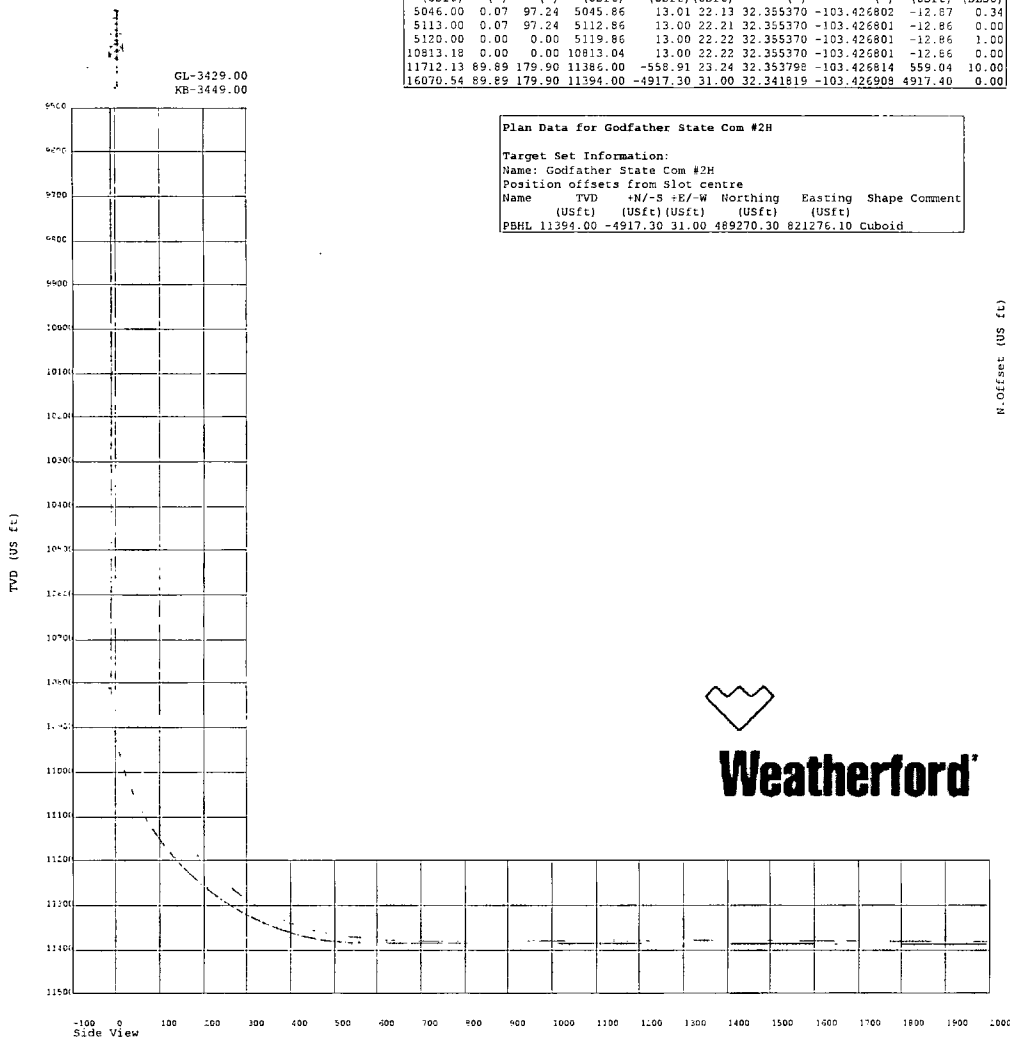
Plan Point Information:
DogLeg Severity Unit: °/100.00ft Position offsets from Slot centre

MD	Inc	Az	TVD	+N/-S +E/-W	Lat	Long	VSec	DLS
(USft)	(°)	(°)	(USft)	(USft)	(°)	(°)	(USft)	(DLSU)
5046.00	0.07	97.24	5045.86	13.01 22.13	32.355370	-103.426802	-12.67	0.34
5113.00	0.07	97.24	5112.86	13.00 22.21	32.355370	-103.426801	-12.86	0.00
5120.00	0.00	0.00	5119.86	13.00 22.22	32.355370	-103.426801	-12.86	1.00
10813.18	0.00	0.00	10813.04	13.00 22.22	32.355370	-103.426801	-12.86	0.00
11712.13	89.89	179.90	11386.00	-558.91 23.24	32.353798	-103.426814	559.04	10.00
16070.54	89.89	179.90	11394.00	-4917.30 31.00	32.341819	-103.426908	4917.40	0.00

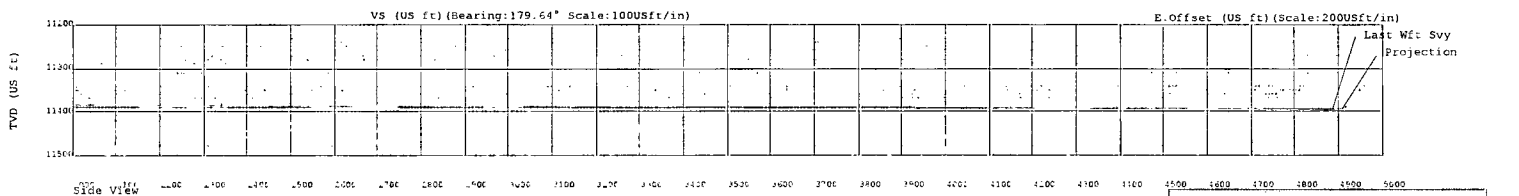
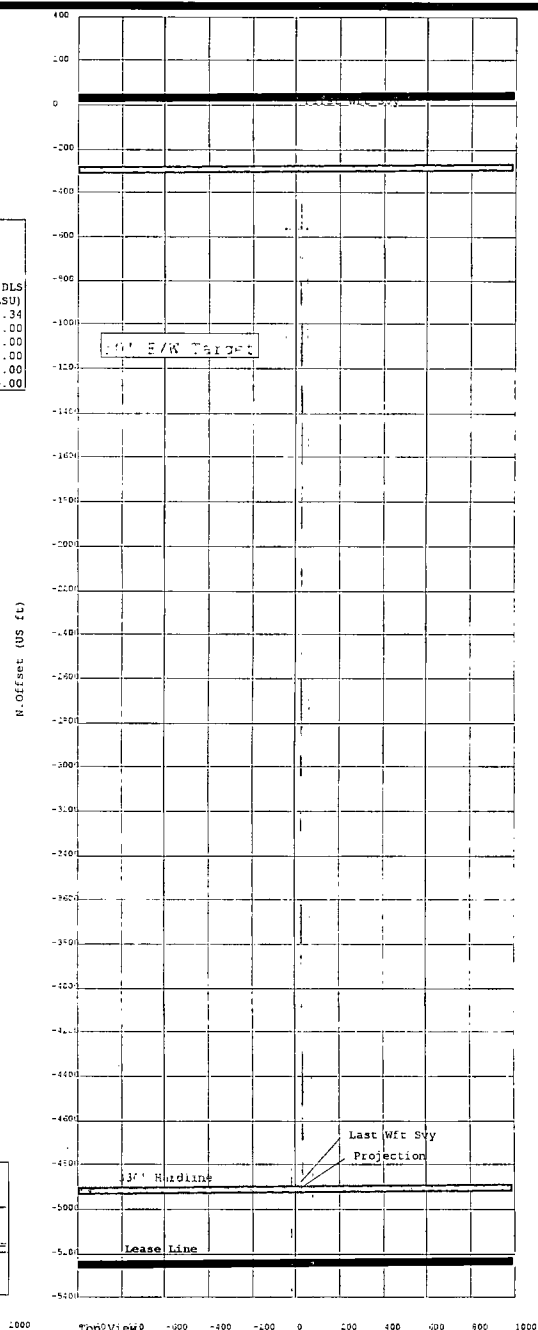
Plan Data for Godfather State Com #2H

Target Set Information:
Name: Godfather State Com #2H
Position offsets from Slot centre

Name	TVD	+N/-S +E/-W	Northing	Easting	Shape	Comment
(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	
PBHL	11394.00	-4917.30	31.00	489270.30	821276.10	Cuboid



Weatherford



Sign Off: Patrick Rudolph