

Results of Directional Survey

API number:	30-025-34789		
OGRID:		Operator:	DEVON ENERGY PROD CO LP
		Property:	GAUCHO UNIT # 6H

surface	ULSTR:	P	17	T	22S	R	34E
				660	FSL	660	FEL

BH Loc	ULSTR:	P	20	T	22S	R	34E
16716	MD	11352.9	TVD	333	FSL	590	FEL
				4947	FNL		

Top Perf/OH	ULSTR:	P	17	T	22S	R	34E
11730	MD	11347.3	TVD	31	FSL	699	FEL

Bot Perf/OH	ULSTR:	P	20	T	22S	R	34E
16542	MD	11345.8	TVD	506	FSL	593	FEL
				4774	FNL		

	MD	N/S	E/W	VD
	11667	-565.93	-37.06	11341.85
TOP PERFS/OH	11730	-628.65	-39.36	11347.30
	11763	-661.50	-40.57	11350.16
	16536	-5427.63	67.12	11345.55
BOT PERFS/OH	16542	-5433.63	67.20	11345.75
	16631	-5522.57	68.41	11348.74

NEXT TO LAST	16671	-5562.52	69.26	11350.57
LAST READING	16716	-5607.44	70.27	11352.93
TD	16716	-5607.44	70.27	11352.93

Surface Location	660	FS	660	FE
Projected BHL	4947	FN	590	FE
Location of				
Top Perfs/OH	31	FS	699	FE
Bottom Perfs/OH	4774	FN	593	FE

SUMMARY of Subsurface Locations

Surface Location	P-17-22S-34E	660	FS	660	FE	Vert. Depth
Top Perfs/OH	P-17-22S-34E	31	FS	699	FE	11347.30
Bottom Perfs/OH	P-20-22S-34E	4774	FN	593	FE	11345.75
Projected TD	P-20-22S-34E	4947	FN	590	FE	11352.93

JUL 11 2013



A GYRO TECHNOLOGIES INC. COMPANY

PO Box 261021
Corpus Christi, Texas 78426
(361) 767-0602 • (800) 606-GYRO • Fax (361) 767-0612

January 10, 2013

Devon Energy Production Co., L. P.
333 West Sheridan Ave
Oklahoma City, Oklahoma 73102-5010

HOBBS OCD

JUN 27 2013

Attn: Patti Riechers

RECEIVED

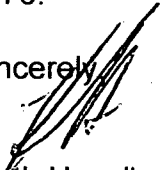
Re: Gaucho Unit No. 006

30-025-34789

Please find enclosed a copy of the survey from 0.00' to 10870.00' ran on the above referenced well.

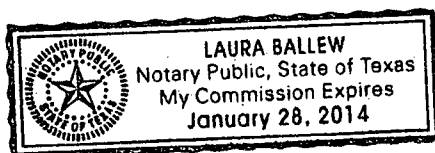
If I can be of any further service please do not hesitate to call me at 800-606-4976.

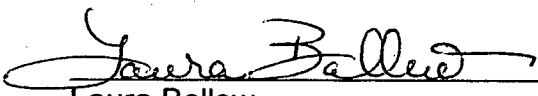
Sincerely,


Keith Havelka
Operations

STATE OF TEXAS §
§
COUNTY OF NUECES §

This instrument was acknowledged before me on the 10th day of January
A.D., 2012, by Keith Havelka.




Laura Ballew
Notary Public, State of Texas



Company: Devon Energy Production Co., LP

Lease/Well: Gaucho Unit / No. 006

30-025-34789

Rig Name: H&P 416

State/County: New Mexico / Lea

Latitude: 32.38, Longitude: -103.48

GRID North is 0.46 Degrees East of True North

VS-Azi: 0.00 Degrees



HOBBS OCD

JUN 27 2013

RECEIVED

Depth Reference : RKB = 25'

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: gyro survey.ut

Minimum Curvature Method

Report Date/Time: 1/10/2013 / 15:22

Vaughn Energy Services

Midland, Texas

432-563-5444

Surveyor: Tim Dillon

Gaucho Unit No. 006 / API 30-025-34789

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.28	330.25	100.00	0.21	-0.12	0.21	0.24	330.25	0.28
200.00	0.59	340.75	200.00	0.91	-0.41	0.91	0.99	335.63	0.32
300.00	1.09	321.02	299.99	2.13	-1.18	2.13	2.43	331.06	0.57
400.00	1.28	311.61	399.96	3.61	-2.61	3.61	4.45	324.13	0.27
500.00	1.55	299.63	499.93	5.01	-4.61	5.01	6.81	317.38	0.40
600.00	1.96	286.33	599.89	6.16	-7.43	6.16	9.65	309.68	0.57
700.00	2.12	278.45	699.82	6.91	-10.89	6.91	12.90	302.40	0.32
800.00	2.01	274.70	799.76	7.33	-14.47	7.33	16.22	296.86	0.17
900.00	2.06	273.12	899.70	7.57	-18.01	7.57	19.54	292.80	0.07
1000.00	1.97	268.47	999.64	7.62	-21.52	7.62	22.83	289.50	0.19
1100.00	1.98	266.29	1099.58	7.46	-24.96	7.46	26.06	286.64	0.08
1200.00	1.84	265.59	1199.52	7.23	-28.29	7.23	29.20	284.33	0.15
1300.00	1.86	264.43	1299.47	6.95	-31.51	6.95	32.27	282.43	0.04
1400.00	1.84	260.56	1399.42	6.53	-34.71	6.53	35.32	280.65	0.13
1500.00	1.83	257.08	1499.36	5.91	-37.85	5.91	38.31	278.87	0.11
1600.00	1.78	254.84	1599.31	5.14	-40.90	5.14	41.23	277.17	0.09
1700.00	1.68	253.62	1699.27	4.32	-43.81	4.32	44.02	275.64	0.11
1800.00	1.60	250.24	1799.23	3.44	-46.52	3.44	46.65	274.23	0.12

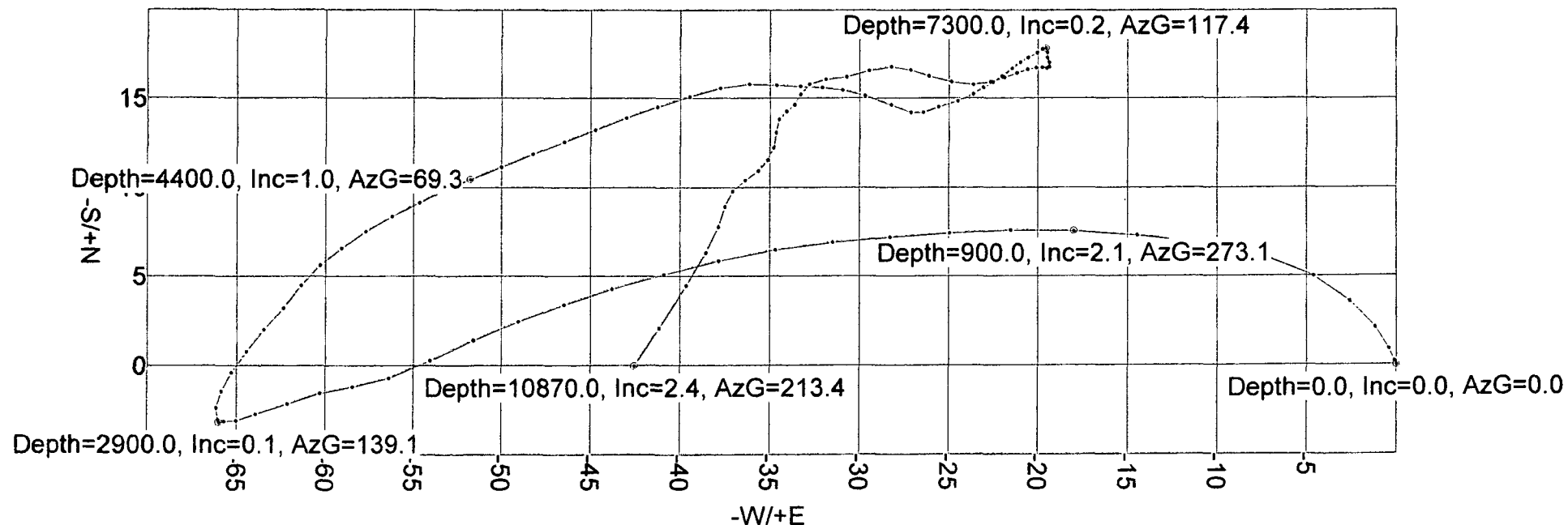
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1900.00	1.53	249.54	1899.19	2.50	-49.09	2.50	49.15	272.92	0.07
2000.00	1.57	245.01	1999.15	1.46	-51.58	1.46	51.60	271.62	0.13
2100.00	1.57	245.69	2099.12	0.31	-54.07	0.31	54.07	270.33	0.02
2200.00	1.33	248.66	2199.09	-0.67	-56.40	-0.67	56.40	269.32	0.25
2300.00	1.14	266.01	2299.06	-1.16	-58.47	-1.16	58.48	268.86	0.42
2400.00	1.05	250.84	2399.04	-1.53	-60.32	-1.53	60.34	268.54	0.30
2500.00	1.20	253.58	2499.03	-2.13	-62.19	-2.13	62.22	268.04	0.16
2600.00	0.95	249.68	2599.01	-2.71	-63.96	-2.71	64.02	267.57	0.26
2700.00	0.37	256.37	2699.00	-3.07	-65.06	-3.07	65.13	267.30	0.58
2800.00	0.41	276.14	2799.00	-3.11	-65.73	-3.11	65.80	267.29	0.14
2900.00	0.13	139.13	2899.00	-3.16	-66.01	-3.16	66.09	267.26	0.51
3000.00	0.32	330.61	2999.00	-3.00	-66.07	-3.00	66.14	267.40	0.44
3100.00	0.48	6.74	3098.99	-2.35	-66.16	-2.35	66.20	267.97	0.29
3200.00	0.63	24.53	3198.99	-1.43	-65.88	-1.43	65.90	268.76	0.23
3300.00	0.76	32.26	3298.98	-0.36	-65.30	-0.36	65.30	269.68	0.16
3400.00	0.87	36.27	3398.97	0.81	-64.50	0.81	64.50	270.72	0.12
3500.00	0.94	40.74	3498.96	2.04	-63.51	2.04	63.55	271.84	0.10
3600.00	0.93	42.61	3598.95	3.26	-62.43	3.26	62.51	272.99	0.03
3700.00	0.93	35.86	3698.93	4.52	-61.40	4.52	61.56	274.21	0.11
3800.00	0.88	51.28	3798.92	5.66	-60.32	5.66	60.59	275.36	0.25
3900.00	0.90	53.46	3898.91	6.61	-59.09	6.61	59.46	276.38	0.04
4000.00	1.01	57.49	3998.90	7.55	-57.72	7.55	58.21	277.45	0.12
4100.00	0.96	63.91	4098.88	8.39	-56.23	8.39	56.85	278.48	0.12
4200.00	1.03	62.55	4198.87	9.17	-54.68	9.17	55.44	279.52	0.07
4300.00	0.82	65.89	4298.85	9.88	-53.23	9.88	54.14	280.51	0.22
4400.00	1.04	69.34	4398.84	10.49	-51.73	10.49	52.78	281.46	0.23
4500.00	1.08	66.94	4498.82	11.18	-50.01	11.18	51.25	282.60	0.06
4600.00	1.09	67.82	4598.80	11.90	-48.27	11.90	49.71	283.85	0.02
4700.00	1.05	69.33	4698.79	12.59	-46.53	12.59	48.20	285.14	0.04
4800.00	1.11	68.20	4798.77	13.27	-44.77	13.27	46.69	286.51	0.06
4900.00	1.05	69.76	4898.75	13.94	-43.02	13.94	45.22	287.96	0.07
5000.00	1.07	71.10	4998.73	14.56	-41.28	14.56	43.77	289.43	0.03
5100.00	1.08	73.31	5098.72	15.13	-39.49	15.13	42.30	290.97	0.04
5200.00	0.97	75.46	5198.70	15.62	-37.77	15.62	40.87	292.46	0.11
5300.00	0.91	89.73	5298.69	15.83	-36.16	15.83	39.47	293.65	0.24
5400.00	0.82	94.73	5398.68	15.78	-34.65	15.78	38.07	294.49	0.11
5500.00	0.69	91.21	5498.67	15.71	-33.32	15.71	36.84	295.24	0.14
5600.00	0.70	95.33	5598.66	15.64	-32.11	15.64	35.71	295.97	0.05
5700.00	0.60	97.91	5698.65	15.51	-30.98	15.51	34.65	296.59	0.11

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5800.00	0.91	108.66	5798.64	15.18	-29.71	15.18	33.37	297.07	0.34
5900.00	0.86	110.09	5898.63	14.67	-28.25	14.67	31.83	297.44	0.05
6000.00	0.47	112.42	5998.63	14.25	-27.16	14.25	30.67	297.69	0.39
6100.00	0.41	64.68	6098.62	14.25	-26.45	14.25	30.04	298.31	0.36
6200.00	0.62	73.26	6198.62	14.56	-25.60	14.56	29.45	299.62	0.22
6300.00	0.69	73.91	6298.61	14.88	-24.50	14.88	28.67	301.28	0.07
6400.00	0.42	52.20	6398.61	15.27	-23.63	15.27	28.14	302.88	0.34
6500.00	0.37	62.64	6498.61	15.65	-23.06	15.65	27.87	304.16	0.09
6600.00	0.35	57.64	6598.60	15.96	-22.52	15.96	27.60	305.32	0.04
6700.00	0.33	54.54	6698.60	16.29	-22.02	16.29	27.39	306.48	0.02
6800.00	0.48	53.19	6798.60	16.70	-21.46	16.70	27.19	307.90	0.14
6900.00	0.20	52.53	6898.60	17.06	-20.98	17.06	27.04	309.11	0.27
7000.00	0.38	60.74	6998.60	17.33	-20.55	17.33	26.88	310.14	0.19
7100.00	0.27	63.46	7098.59	17.60	-20.05	17.60	26.68	311.27	0.11
7200.00	0.15	33.18	7198.59	17.81	-19.77	17.81	26.61	312.02	0.16
7300.00	0.18	117.40	7298.59	17.86	-19.56	17.86	26.48	312.40	0.23
7400.00	0.20	201.62	7398.59	17.62	-19.48	17.62	26.27	312.12	0.26
7500.00	0.18	156.89	7498.59	17.31	-19.49	17.31	26.07	311.61	0.15
7600.00	0.15	162.17	7598.59	17.05	-19.39	17.05	25.82	311.33	0.03
7700.00	0.13	197.94	7698.59	16.82	-19.39	16.82	25.66	310.94	0.09
7800.00	0.12	283.72	7798.59	16.73	-19.53	16.73	25.71	310.59	0.17
7900.00	0.17	274.41	7898.59	16.77	-19.78	16.77	25.93	310.29	0.06
8000.00	0.22	263.10	7998.59	16.76	-20.12	16.76	26.18	309.79	0.06
8100.00	0.31	254.78	8098.59	16.66	-20.58	16.66	26.48	308.99	0.10
8200.00	0.41	248.46	8198.59	16.46	-21.17	16.46	26.82	307.86	0.10
8300.00	0.45	251.82	8298.58	16.21	-21.87	16.21	27.22	306.54	0.05
8400.00	0.49	253.17	8398.58	15.96	-22.66	15.96	27.71	305.17	0.04
8500.00	0.65	268.13	8498.58	15.82	-23.63	15.82	28.44	303.80	0.21
8600.00	0.80	283.08	8598.57	15.96	-24.87	15.96	29.55	302.68	0.24
8700.00	0.69	286.92	8698.56	16.29	-26.13	16.29	30.79	301.94	0.12
8800.00	0.57	290.75	8798.55	16.64	-27.17	16.64	31.86	301.49	0.12
8900.00	0.68	270.43	8898.55	16.82	-28.24	16.82	32.87	300.79	0.25
9000.00	0.79	250.12	8998.54	16.59	-29.48	16.59	33.83	299.37	0.28
9100.00	0.71	259.39	9098.53	16.24	-30.75	16.24	34.77	297.85	0.15
9200.00	0.63	268.66	9198.52	16.12	-31.91	16.12	35.75	296.80	0.14
9300.00	0.52	234.74	9298.52	15.84	-32.83	15.84	36.45	295.76	0.35
9400.00	0.41	200.81	9398.52	15.25	-33.32	15.25	36.65	294.59	0.29
9500.00	0.36	220.49	9498.51	14.68	-33.65	14.68	36.71	293.57	0.14
9600.00	0.31	240.16	9598.51	14.31	-34.09	14.31	36.97	292.76	0.12

Depth FT	Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
9700.00	0.41	209.83	9698.51	13.86	-34.51	13.86	37.19	291.88	0.21
9800.00	0.50	179.49	9798.51	13.11	-34.68	13.11	37.08	290.71	0.26
9900.00	0.47	196.80	9898.50	12.28	-34.80	12.28	36.90	289.44	0.15
10000.00	0.43	214.12	9998.50	11.58	-35.13	11.58	36.98	288.24	0.14
10100.00	0.49	226.81	10098.50	10.97	-35.65	10.97	37.30	287.11	0.12
10200.00	0.54	239.50	10198.49	10.44	-36.37	10.44	37.84	286.02	0.13
10300.00	0.56	217.74	10298.49	9.82	-37.07	9.82	38.35	284.83	0.21
10400.00	0.57	193.99	10398.48	8.95	-37.49	8.95	38.54	283.43	0.23
10500.00	0.81	201.44	10498.48	7.82	-37.87	7.82	38.67	281.66	0.25
10600.00	1.04	208.89	10598.46	6.37	-38.56	6.37	39.09	279.37	0.26
10700.00	1.44	211.88	10698.44	4.51	-39.66	4.51	39.92	276.48	0.40
10800.00	1.79	212.94	10798.40	2.13	-41.18	2.13	41.23	272.96	0.36
10870.00	2.35	213.37	10868.36	0.01	-42.56	0.01	42.56	270.02	0.80



Vaughn Energy Services
Midland, Texas
432-563-5444
Surveyor: Tim Dillon
Gaucho Unit No. 006 / API 30-025-34789





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

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

Date: January 24, 2013

Attention: Kurtis Schmitz

HOBBS OCD

Re: Devon Energy
Well: Gaucho Unit #6 RE
Lea County, New Mexico

JUN 27 2013

RECEIVED

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
Dave Latch MWD Supervisor	6 RE	10942 MD 16671 MD	1/5/2013 1/21/2013	Measurement While Drilling

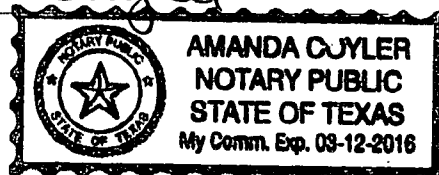
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesse Aguilar
MWD Coordinator

On this, the 24th day of January, 2013, 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.

Notary Public





Weatherford

Wft Survey Report X Y's.

**Weatherford**

Company: Devon Energy
Field: Lea County, New Mexico (NAD 83)
Site: Gaucho Unit #6 RE
Well: Gaucho Unit #6 RE
Wellpath: 1

Date: 1/21/2013 Time: 07:20:53 Page: 1
Co-ordinate(NE) Reference: Well: Gaucho Unit #6 RE, Grid North
Vertical (TVD) Reference: SITE 3500.0
Section (VS) Reference: Well (0.00N,0.00E,179.72Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Wft Svy

Start Date: 1/10/2013

Company: Weatherford
Tool: MWD;MWD - Standard

Engineer: Russell W. Joyner
Tied-to: User Defined

Site: Gaucho Unit #6 RE

Site Position: Northing: 505288.56 ft Latitude: 32 23 10.515 N
From: Map Easting: 802997.20 ft Longitude: 103 29 8.459 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 3475.00 ft Grid Convergence: 0.45 deg

Well: Gaucho Unit #6 RE

Slot Name:

Well Position: +N/-S 0.00 ft Northing: 505288.56 ft Latitude: 32 23 10.515 N
+E/-W 0.00 ft Easting: 802997.20 ft Longitude: 103 29 8.459 W
Position Uncertainty: 0.00 ft

Wellpath: 1

Current Datum: SITE Height 3500.00 ft
Magnetic Data: 1/5/2013
Field Strength: 48593 nT
Vertical Section: Depth From (TVD) +N/-S
ft ft
0.00 0.00 0.00 179.72

Drilled From: Surface
Tie-on Depth: 0.00 ft
Above System Datum: Mean Sea Level
Declination: 7.37 deg
Mag Dip Angle: 60.31 deg
+E/-W Direction
ft deg
0.00 0.00 0.00 179.72

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
10800.00	1.79	212.94	10798.40	2.13	-41.18	0.00	-2.33	505290.69	802956.02	Tie On VES First Wft Svy
10942.00	18.31	156.42	10937.84	-20.35	-33.40	12.24	20.18	505268.21	802963.80	
10973.00	23.47	152.81	10966.80	-30.31	-28.63	17.15	30.17	505258.25	802968.57	
11005.00	24.80	156.15	10996.00	-42.12	-23.01	5.96	42.00	505246.44	802974.19	
11037.00	26.89	160.54	11024.80	-55.08	-17.88	8.85	54.99	505233.48	802979.32	
11069.00	30.00	168.38	11052.94	-69.75	-13.86	15.17	69.68	505218.81	802983.34	
11100.00	34.65	174.97	11079.14	-86.13	-11.52	18.80	86.07	505202.43	802985.68	
11132.00	37.62	176.58	11104.98	-104.95	-10.14	9.74	104.90	505183.61	802987.06	
11163.00	41.55	176.99	11128.87	-124.67	-9.03	12.71	124.62	505163.89	802988.17	
11195.00	45.67	178.83	11152.03	-146.72	-8.24	13.47	146.67	505141.84	802988.96	
11227.00	49.06	181.89	11173.71	-170.25	-8.41	12.71	170.21	505118.31	802988.79	
11259.00	52.29	184.33	11193.99	-194.96	-9.76	11.69	194.91	505093.60	802987.44	
11287.00	54.69	183.90	11210.64	-217.41	-11.38	8.66	217.35	505071.15	802985.82	
11319.00	55.94	183.59	11228.85	-243.66	-13.09	3.99	243.59	505044.90	802984.11	
11351.00	58.16	184.13	11246.26	-270.45	-14.90	7.08	270.38	505018.11	802982.30	
11382.00	58.81	184.74	11262.46	-296.80	-16.95	2.69	296.71	504991.76	802980.25	
11414.00	61.16	185.68	11278.47	-324.39	-19.47	7.77	324.29	504964.17	802977.73	
11446.00	63.18	185.25	11293.41	-352.56	-22.16	6.42	352.45	504936.00	802975.04	
11477.00	67.44	185.24	11306.35	-380.60	-24.73	13.74	380.48	504907.96	802972.47	
11509.00	72.04	185.08	11317.43	-410.49	-27.43	14.38	410.35	504878.07	802969.77	
11541.00	76.92	184.73	11325.99	-441.20	-30.07	15.29	441.05	504847.36	802967.13	
11573.00	82.98	183.51	11331.57	-472.62	-32.33	19.31	472.45	504815.94	802964.87	
11667.00	84.47	182.30	11341.85	-565.93	-37.06	2.04	565.74	504722.63	802960.14	
11763.00	85.59	181.91	11350.16	-661.50	-40.57	1.23	661.29	504627.06	802956.63	
11890.00	92.59	180.63	11352.18	-788.37	-43.38	5.60	788.15	504500.19	802953.82	
11984.00	91.75	179.43	11348.62	-882.30	-43.43	1.56	882.08	504406.26	802953.77	
12079.00	90.63	178.35	11346.65	-977.26	-41.59	1.64	977.05	504311.30	802955.61	
12174.00	89.79	176.66	11346.30	-1072.17	-37.46	1.99	1071.97	504216.39	802959.74	
12269.00	91.54	177.62	11345.20	-1167.04	-32.72	2.10	1166.86	504121.52	802964.48	
12363.00	93.93	179.64	11340.71	-1260.89	-30.47	3.33	1260.73	504027.67	802966.73	



Weatherford

Wft Survey Report X Y's.



Company: Devon Energy	Date: 1/21/2013	Time: 07:20:53	Page: 2
Field: Lea County, New Mexico (NAD 83)	Co-ordinate(NE) Reference: Well: Gaucho Unit #6 RE, Grid North		
Site: Gaucho Unit #6 RE	Vertical (TVD) Reference: SITE 3500.0		
Well: Gaucho Unit #6 RE	Section (VS) Reference: Well (0.00N,0.00E,179.72Azi)		
Wellpath: 1	Survey Calculation Method: Minimum Curvature Db: Sybase		

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
12458.00	93.64	182.35	11334.44	-1355.66	-32.12	2.86	1355.49	503932.90	802965.08	
12553.00	93.64	182.60	11328.41	-1450.38	-36.21	0.26	1450.19	503838.18	802960.99	
12647.00	93.65	181.40	11322.43	-1544.13	-39.49	1.27	1543.92	503744.43	802957.71	
12743.00	92.80	181.32	11317.03	-1639.95	-41.76	0.89	1639.73	503648.61	802955.44	
12837.00	91.89	179.47	11313.18	-1733.86	-42.41	2.19	1733.64	503554.70	802954.79	
12932.00	90.21	179.84	11311.44	-1828.84	-41.84	1.81	1828.62	503459.72	802955.36	
13027.00	89.37	180.19	11311.79	-1923.84	-41.86	0.96	1923.61	503364.72	802955.34	
13122.00	89.58	180.78	11312.66	-2018.83	-42.67	0.66	2018.60	503269.73	802954.53	
13217.00	89.58	182.01	11313.36	-2113.80	-44.98	1.29	2113.56	503174.76	802952.22	
13312.00	89.93	181.75	11313.76	-2208.75	-48.09	0.46	2208.49	503079.81	802949.11	
13407.00	88.53	179.62	11315.04	-2303.73	-49.23	2.68	2303.46	502984.83	802947.97	
13502.00	87.69	178.70	11318.17	-2398.66	-47.84	1.31	2398.40	502889.90	802949.36	
13596.00	89.93	176.68	11320.13	-2492.55	-44.05	3.21	2492.31	502796.01	802953.15	
13691.00	91.54	176.28	11318.91	-2587.36	-38.22	1.75	2587.15	502701.20	802958.98	
13786.00	92.44	176.34	11315.61	-2682.11	-32.11	0.95	2681.92	502606.45	802965.09	
13881.00	92.17	176.67	11311.79	-2776.86	-26.32	0.45	2776.69	502511.70	802970.88	
13975.00	90.14	180.78	11309.89	-2870.79	-24.23	4.88	2870.64	502417.77	802972.97	
14070.00	87.76	180.41	11311.63	-2965.76	-25.22	2.54	2965.60	502322.80	802971.98	
14164.00	89.86	179.54	11313.59	-3059.73	-25.18	2.42	3059.57	502228.83	802972.02	
14259.00	87.35	180.99	11315.90	-3154.69	-25.62	3.05	3154.53	502133.87	802971.58	
14354.00	86.84	180.33	11320.71	-3249.57	-26.71	0.88	3249.40	502038.99	802970.49	
14448.00	87.27	179.61	11325.54	-3343.44	-26.66	0.89	3343.27	501945.12	802970.54	
14543.00	90.00	177.22	11327.81	-3438.36	-24.03	3.82	3438.20	501850.20	802973.17	
14638.00	91.40	177.01	11326.65	-3533.23	-19.25	1.49	3533.10	501755.33	802977.95	
14732.00	89.86	178.21	11325.61	-3627.14	-15.33	2.08	3627.02	501661.42	802981.87	
14827.00	88.81	177.98	11326.71	-3722.08	-12.17	1.13	3721.98	501566.48	802985.03	
14922.00	88.04	178.18	11329.33	-3816.99	-8.99	0.84	3816.90	501471.57	802988.21	
15017.00	87.77	178.42	11332.80	-3911.88	-6.18	0.38	3911.81	501376.68	802991.02	
15113.00	87.69	176.07	11336.60	-4007.69	-1.57	2.45	4007.64	501280.87	802995.63	
15208.00	86.14	175.23	11341.71	-4102.28	5.63	1.86	4102.25	501186.28	803002.83	
15302.00	87.54	174.17	11346.90	-4195.73	14.30	1.87	4195.75	501092.83	803011.50	
15398.00	88.18	174.73	11350.48	-4291.21	23.58	0.89	4291.27	500997.35	803020.78	
15493.00	88.67	175.17	11353.09	-4385.81	31.94	0.69	4385.91	500902.75	803029.14	
15588.00	88.88	174.69	11355.12	-4480.41	40.33	0.55	4480.56	500808.15	803037.53	
15682.00	91.12	176.92	11355.12	-4574.15	47.20	3.36	4574.32	500714.41	803044.40	
15777.00	90.77	179.30	11353.56	-4669.08	50.34	2.53	4669.27	500619.48	803047.54	
15873.00	91.54	180.11	11351.62	-4765.05	50.83	1.16	4765.25	500523.51	803048.03	
15967.00	91.12	178.28	11349.44	-4859.02	52.15	2.00	4859.21	500429.54	803049.35	
16062.00	91.26	179.48	11347.47	-4953.98	54.01	1.27	4954.18	500334.58	803051.21	
16157.00	91.26	180.22	11345.38	-5048.95	54.26	0.78	5049.16	500239.61	803051.46	
16252.00	90.70	178.30	11343.75	-5143.92	55.48	2.10	5144.13	500144.64	803052.68	
16347.00	90.14	177.87	11343.05	-5238.87	58.66	0.74	5239.09	500049.69	803055.86	
16441.00	89.23	176.12	11343.57	-5332.73	63.59	2.10	5332.98	499955.83	803060.79	
16536.00	88.39	179.61	11345.55	-5427.63	67.12	3.78	5427.89	499860.93	803064.32	
16631.00	87.76	178.84	11348.74	-5522.57	68.41	1.05	5522.84	499765.99	803065.61	
16671.00	86.99	178.71	11350.57	-5562.52	69.26	1.95	5562.79	499726.04	803066.46	Last Wft Svy
16716.00	86.99	178.71	11352.93	-5607.44	70.27	0.00	5607.72	499681.12	803067.47	Proj. To Bit



Weatherford

Wft Survey Report X Y's.



Company: Devon Energy
Field: Lea County, New Mexico (NAD 83)
Site: Gaucho Unit #6 RE
Well: Gaucho Unit #6 RE
Wellpath: 1

Date: 1/21/2013 **Time:** 07:20:53 **Page:** 3
Co-ordinate(NE) Reference: Well: Gaucho Unit #6 RE, Grid North
Vertical (TVD) Reference: SITE 3500.0
Section (VS) Reference: Well (0.00N,0.00E,179.72Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Annotation

MD ft	TVD ft	
10800.00	10798.40	Tie On VES
10942.00	10937.84	First Wft Svy
16671.00	11350.57	Last Wft Svy
16716.00	11352.93	Proj. To Bit



Gaucha Unit #6 RE
Lea County, New Mexico

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	12889.00	91.39	178.45	11311.70	-1785.83	-41.46	0.00	0.00	1785.61	
2	12957.35	89.41	178.98	11311.22	-1854.16	-39.93	3.00	165.12	1853.95	
3	16712.35	89.41	178.98	11350.00	-5608.36	27.13	0.00	0.00	5608.43	PBHL

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Gaucha Unit #6 RE	0.00	0.00	505288.56	802997.20	32°23'10.515N	103°29'08.459W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	11350.00	-5608.36	27.13	499680.20	803024.33	Rectangle (3755x50)

SITE DETAILS

Gaucha Unit #6 RE

Site Centre Northing: 505288.56
Easting: 802997.20

Ground Level: 3475.00
Positional Uncertainty: 0.00
Convergence: 0.45

FIELD DETAILS

Lea County, New Mexico (NAD 83)

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: New Mexico, Eastern Zone
Magnetic Model: IGRF2010

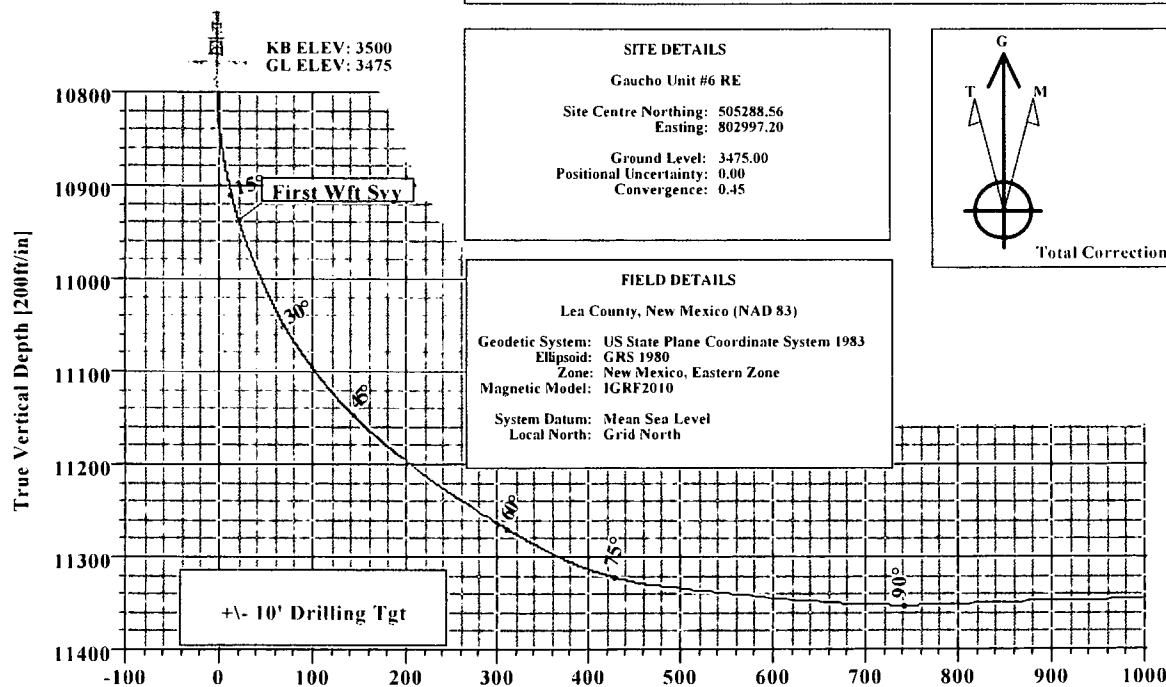
System Datum: Mean Sea Level
Local North: Grid North



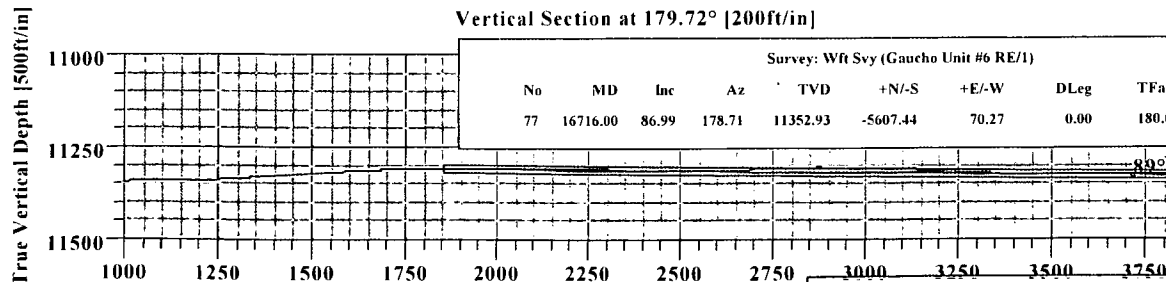
Azimuths to Grid North
True North: -0.45°
Magnetic North: 6.91°

Magnetic Field
Strength: 48593nT
Dip Angle: 60.31°
Date: 1/5/2013
Model: IGRF2010

Total Correction to Grid North: 6.91°



Vertical Section at 179.72° [200ft/in]

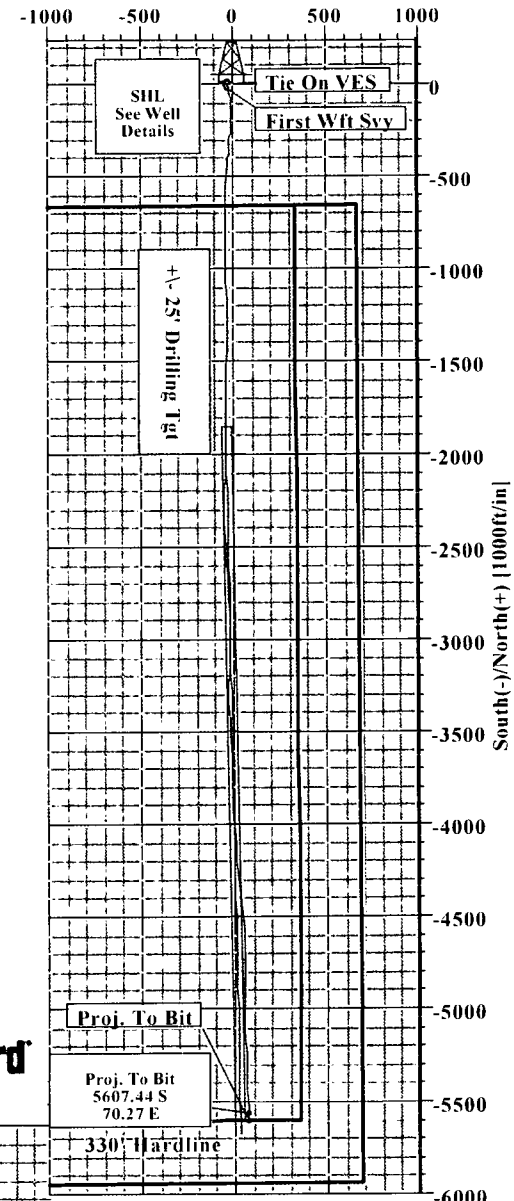


Vertical Section at 179.72° [500ft/in]

Survey: Wft Svy (Gaucha Unit #6 RE/1)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
77	16716.00	86.99	178.71	11352.93	-5607.44	70.27	0.00	180.00	5607.72

West(-)/East(+) [1000ft/in]



Survey: Wft Svy (Gaucha Unit #6 RE/1)

Created By: Russell W. Joyner

Date: 1/21/2013



Stimulations Summary

District PERMIAN BASIN	County LEA	Field Name OJO CHISO			Project Group DELAWARE BASIN			State/Province NM		
Surface Legal Location 17-22-S 34-E-6		API/UWI 3002534789		Latitude (°) 32° 23' 10.522" N	Longitude (°) 103° 29' 8.44" W	Ground Elev... 3,457.00	KB - GL (ft) 25.00	Orig KB Elev (ft) 3,482.00	Tubing Head Elevation (ft) 0.00	
PUMP STIM - ACID SPO , 9/25/2008 07:00 , MORROW, OH , 13,077.0 ftkB - 13,096.0 ftkB, BJ SERVICES , 0; BALL SEALERS, 7 0										
Proppant De... 0.0	Total Clean Volu... 0.0	Pre Trt S/I Prs (psi) 0.0	Pst Trt S/I Prs (psi) 4,445.0	P Break (psi) 0.0	ISIP (psi) 4,835.0	Avg Treat Pressur... 5,600.0	Q Treat Avg (bbl/... 0	P Max (psi) 6,406.0	Q Treat Max (bbl/... 0	Conc Max...
HYDRAULIC FRAC , 2/11/2013 09:35 , 3RD BONE SPRINGS, ST01 , 16,170.0 ftkB - 16,540.0 ftkB, HALLIBURTON , CRC Resin Coated Sand (Borde										
Proppant De... 188,250.0	Total Clean Volu... 3831.95	Pre Trt S/I Prs (psi) 	Pst Trt S/I Prs (psi) 4,755.0	P Break (psi) 	ISIP (psi) 4,755.0	Avg Treat Pressur... 8,189.0	Q Treat Avg (bbl/... 30	P Max (psi) 9,107.0	Q Treat Max (bbl/... 37	Conc Max... 4.00
HYDRAULIC FRAC , 2/13/2013 22:33 , 3RD BONE SPRINGS, ST01 , 15,615.0 ftkB - 15,985.0 ftkB, HALLIBURTON , 100 Mesh Bulk Sand 690.46 SA										
Proppant De... 339,000.0	Total Clean Volu... 6609.69	Pre Trt S/I Prs (psi) 	Pst Trt S/I Prs (psi) 4,940.0	P Break (psi) 	ISIP (psi) 4,940.0	Avg Treat Pressur... 8,494.0	Q Treat Avg (bbl/... 35	P Max (psi) 9,509.0	Q Treat Max (bbl/... 45	Conc Max... 4.00
HYDRAULIC FRAC , 2/16/2013 03:47 , 3RD BONE SPRINGS, ST01 , 15,060.0 ftkB - 15,430.0 ftkB, HALLIBURTON , 100 Mesh Bulk Sand 95.93 SAC										
Proppant De... 339,000.0	Total Clean Volu... 6505.07	Pre Trt S/I Prs (psi) 	Pst Trt S/I Prs (psi) 4,840.0	P Break (psi) 	ISIP (psi) 4,840.0	Avg Treat Pressur... 8,566.0	Q Treat Avg (bbl/... 44	P Max (psi) 9,762.0	Q Treat Max (bbl/... 50	Conc Max... 11.50
HYDRAULIC FRAC , 2/17/2013 00:02 , 3RD BONE SPRINGS, ST01 , 14,505.0 ftkB - 14,875.0 ftkB, HALLIBURTON , 100 Mesh Bulk Sand 597.3 SAC										
Proppant De... 339,000.0	Total Clean Volu... 6613.91	Pre Trt S/I Prs (psi) 	Pst Trt S/I Prs (psi) 4,598.0	P Break (psi) 	ISIP (psi) 4,598.0	Avg Treat Pressur... 8,675.0	Q Treat Avg (bbl/... 50	P Max (psi) 9,499.0	Q Treat Max (bbl/... 55	Conc Max... 4.00
HYDRAULIC FRAC , 2/17/2013 05:29 , 3RD BONE SPRINGS, ST01 , 13,950.0 ftkB - 14,320.0 ftkB, HALLIBURTON , 100 Mesh Bulk Sand 514.59 SA										
Proppant De... 339,000.0	Total Clean Volu... 6541.81	Pre Trt S/I Prs (psi) 	Pst Trt S/I Prs (psi) 4,843.0	P Break (psi) 	ISIP (psi) 4,843.0	Avg Treat Pressur... 8,630.0	Q Treat Avg (bbl/... 40	P Max (psi) 9,210.0	Q Treat Max (bbl/... 51	Conc Max... 4.00
HYDRAULIC FRAC , 2/17/2013 09:34 , 3RD BONE SPRINGS, ST01 , 13,395.0 ftkB - 13,765.0 ftkB, HALLIBURTON , 100 Mesh Bulk Sand 659.55 SA										
Proppant De... 339,000.0	Total Clean Volu... 7476.62	Pre Trt S/I Prs (psi) 	Pst Trt S/I Prs (psi) 4,673.0	P Break (psi) 	ISIP (psi) 4,673.0	Avg Treat Pressur... 8,744.0	Q Treat Avg (bbl/... 49	P Max (psi) 9,736.0	Q Treat Max (bbl/... 54	Conc Max... 4.00
HYDRAULIC FRAC , 2/18/2013 06:01 , 3RD BONE SPRINGS, ST01 , 12,840.0 ftkB - 13,210.0 ftkB, HALLIBURTON , 100 Mesh Bulk Sand 723.53 SA										
Proppant De... 339,000.0	Total Clean Volu... 6438.79	Pre Trt S/I Prs (psi) 	Pst Trt S/I Prs (psi) 4,848.0	P Break (psi) 	ISIP (psi) 4,848.0	Avg Treat Pressur... 8,765.0	Q Treat Avg (bbl/... 51	P Max (psi) 9,572.0	Q Treat Max (bbl/... 56	Conc Max... 4.00
HYDRAULIC FRAC , 2/18/2013 12:35 , 3RD BONE SPRINGS, ST01 , 12,285.0 ftkB - 12,655.0 ftkB, HALLIBURTON , 100 Mesh Bulk Sand 641.34 SA										
Proppant De... 339,000.0	Total Clean Volu... 6919.41	Pre Trt S/I Prs (psi) 	Pst Trt S/I Prs (psi) 4,925.0	P Break (psi) 	ISIP (psi) 4,925.0	Avg Treat Pressur... 8,593.0	Q Treat Avg (bbl/... 54	P Max (psi) 9,231.0	Q Treat Max (bbl/... 55	Conc Max... 4.00
HYDRAULIC FRAC , 2/18/2013 21:07 , 3RD BONE SPRINGS, ST01 , 11,730.0 ftkB - 12,100.0 ftkB, HALLIBURTON , 100 Mesh Bulk Sand 628.84 SA										
Proppant De... 339,000.0	Total Clean Volu... 6613.21	Pre Trt S/I Prs (psi) 	Pst Trt S/I Prs (psi) 4,948.0	P Break (psi) 	ISIP (psi) 4,948.0	Avg Treat Pressur... 8,519.0	Q Treat Avg (bbl/... 50	P Max (psi) 8,974.0	Q Treat Max (bbl/... 50	Conc Max... 4.00