

**CONFIDENTIAL****WELL COMPLETION FORM****Form Must Be Typed**  
Form must be Signed  
All blanks must be Filled**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 34574  
 Name: Shell Gulf of Mexico Inc.  
 Address 1: 150 N DAIRY-ASHFORD (77079)  
 Address 2: PO BOX 576 (77001-0576)  
 City: HOUSTON State: TX Zip: 77001 + 0576  
 Contact Person: Damonica Pierson  
 Phone: ( 832 ) 337-2172  
 CONTRACTOR: License # 34718  
 Name: Nabors Drilling USA, LP  
 Wellsite Geologist: Bess Colberg

Purchaser: \_\_\_\_\_

## Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SIOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core. Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD  
 Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

<u>08/31/2012</u>	<u>10/19/2012</u>	<u>12/15/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-077-21846-01-00

Spot Description: \_\_\_\_\_

W2 NE NE NW Sec. 8 Twp. 34 S. R. 7  East  West  
330 Feet from  North /  South Line of Section  
2180 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

 NE  NW  SE  SWCounty: HarperLease Name: Harris Farms 3407 Well #: 8-1HField Name: WildcatProducing Formation: MississippiElevation: Ground: 1347 Kelly Bushing: 1375Total Depth: 9152 Plug Back Total Depth: \_\_\_\_\_Amount of Surface Pipe Set and Cemented at: 829 FeetMultiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 0 bblsDewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Plumb Thicket LandfillLease Name: N/A License #: 99999Quarter SW Sec. 4 Twp. 31 S. R. 6  East  WestCounty: Harper Permit #: KDHE Permit No. 0842**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

**Submitted Electronically****KCC Office Use ONLY**

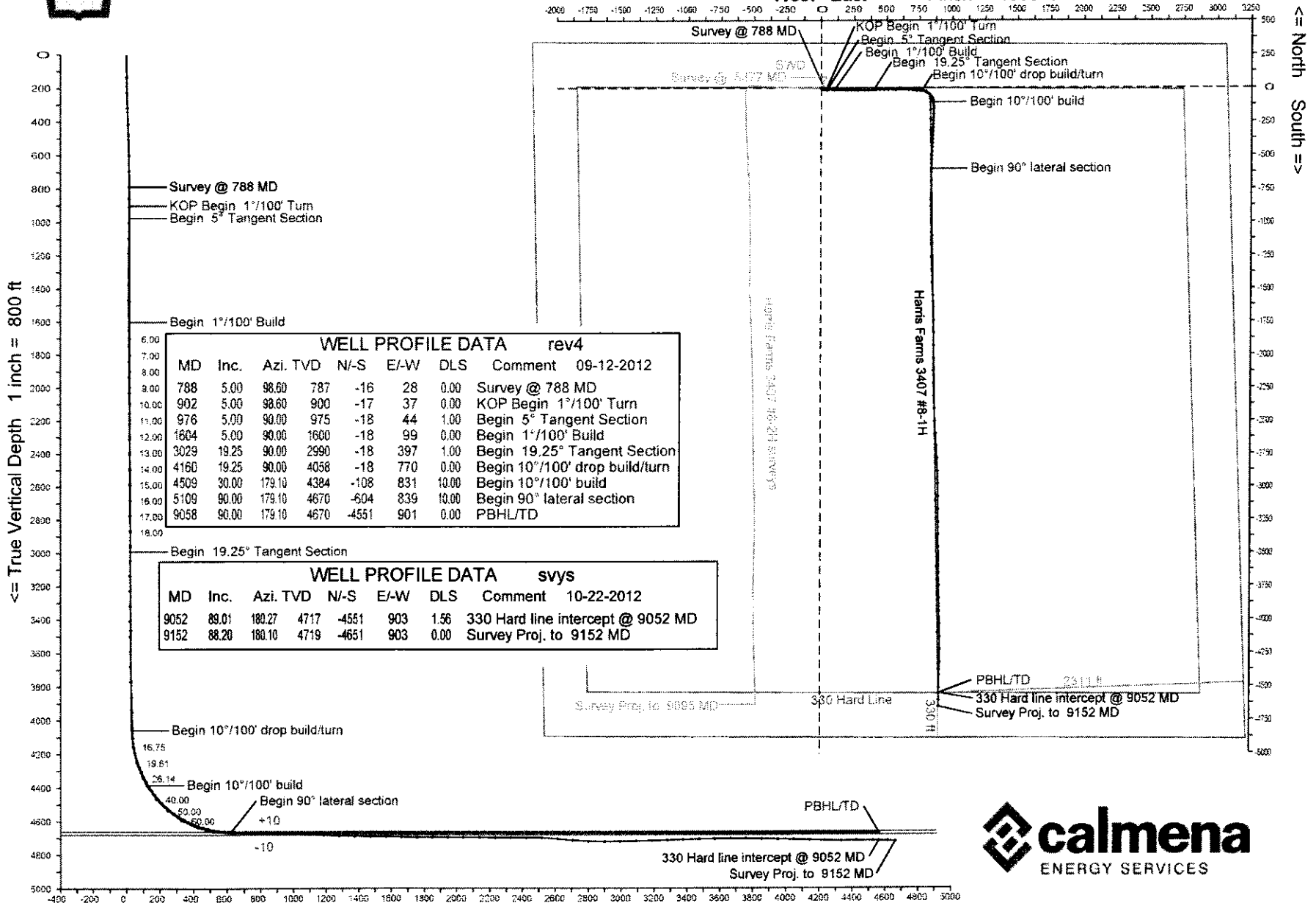
- Letter of Confidentiality Received  
 Date: 07/06/2012
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: NACMI JAMES Date: 01/11/2013



# Shell Exploration and Production Company

## Harris Farms 3407 #8-1H (F01) Harper County, Kansas

<= West East => 1 inch = 1000 ft



**WELL PROFILE DATA rev4**

MD	Inc.	Azi.	TVD	N-S	E-W	DLS	Comment
788	5.00	98.60	787	-16	28	0.00	Survey @ 788 MD
902	5.00	98.60	900	-17	37	0.00	KOP Begin 1°/100' Turn
976	5.00	90.00	975	-18	44	1.00	Begin 5° Tangent Section
1604	5.00	90.00	1600	-18	99	0.00	Begin 1°/100' Build
3029	19.25	90.00	2990	-18	397	1.00	Begin 19.25° Tangent Section
4160	19.25	90.00	4058	-18	770	0.00	Begin 10°/100' drop build/turn
4509	30.00	179.10	4384	-108	831	10.00	Begin 10°/100' build
5109	90.00	179.10	4670	-604	839	10.00	Begin 90° lateral section
9058	90.00	179.10	4670	-4551	901	0.00	PBHL/TD

**WELL PROFILE DATA svys**

MD	Inc.	Azi.	TVD	N-S	E-W	DLS	Comment
9052	89.01	180.27	4717	-4551	903	1.56	330 Hard line intercept @ 9052 MD
9152	88.20	180.10	4719	-4651	903	0.00	Survey Proj. to 9152 MD

Vertical Section on 179.1 deg azimuth with reference 0.00 N, 0.00 E



### Calmena Energy Services

Company: Shell Exploration and Production Company  
 Well: Harris Farms 3407 #8-1H  
 Location: Harper County, Kansas Sect8-34S-7W

Date: 22-Oct-2012  
 Surveys  
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 Job# : 6717

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N-S (feet)	E-W (feet)	DLS (deg/100')	VS @ 179.1° Az (feet)	Grid Y	NAD27 KS south gr elev=1343 RKB 1370.5 Grid X	Comments
<b>Surface Location</b>								<b>160780.92</b>	<b>2115550.07</b>	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	160780.92	2115550.07	
134.00	1.30	229.90	133.99	-0.98	-1.16	0.97	0.96	160779.94	2115548.91	
226.00	1.30	191.40	225.97	-2.67	-2.17	0.93	2.64	160778.25	2115547.90	
318.00	2.20	142.30	317.93	-5.09	-1.29	1.81	5.07	160775.83	2115548.78	
415.00	3.70	124.40	414.80	-8.34	2.43	1.80	8.37	160772.58	2115552.50	
507.00	4.10	121.50	506.58	-11.73	7.68	0.48	11.85	160769.19	2115557.75	
601.00	3.70	95.10	600.37	-13.76	13.57	1.94	13.97	160767.16	2115563.64	
694.00	4.30	97.40	693.15	-14.47	20.01	0.67	14.79	160766.45	2115570.08	
788.00	5.00	98.60	786.84	-15.54	27.56	0.75	15.97	160765.38	2115577.63	
858.00	5.00	96.80	856.57	-16.36	33.60	0.22	16.88	160764.56	2115583.67	
908.00	4.90	86.90	906.39	-16.50	37.90	1.72	17.09	160764.42	2115587.97	
1004.00	5.50	76.20	1001.99	-15.18	46.46	1.19	15.91	160765.74	2115596.53	
1098.00	5.30	77.30	1095.58	-13.15	55.07	0.24	14.01	160767.77	2115605.14	
1190.00	5.70	89.40	1187.16	-12.17	63.79	1.33	13.17	160768.75	2115613.86	
1284.00	6.40	88.80	1280.63	-12.01	73.69	0.75	13.17	160768.91	2115623.76	
1377.00	5.90	86.20	1373.10	-11.59	83.64	0.62	12.90	160769.33	2115633.71	
1471.00	5.30	99.00	1466.65	-11.94	92.75	1.47	13.40	160768.98	2115642.82	
1566.00	4.40	95.60	1561.31	-12.99	100.71	0.99	14.57	160767.93	2115650.78	
1658.00	6.00	90.70	1652.93	-13.39	109.03	1.80	15.10	160767.53	2115659.10	
1752.00	6.70	92.90	1746.35	-13.73	119.42	0.79	15.60	160767.19	2115669.49	
1846.00	6.30	92.10	1839.75	-14.19	130.05	0.44	16.23	160766.73	2115680.12	
1940.00	8.00	92.50	1933.01	-14.67	141.74	1.81	16.89	160766.25	2115691.81	
2036.00	9.10	92.30	2027.94	-15.26	156.00	1.15	17.71	160765.66	2115706.07	
2162.00	9.80	89.70	2152.23	-15.61	176.68	0.65	18.38	160765.31	2115726.75	
2228.00	11.50	91.80	2217.09	-15.78	188.88	2.64	18.75	160765.14	2115738.95	
2322.00	12.00	90.60	2309.12	-16.18	208.01	0.59	19.45	160764.74	2115758.08	
2418.00	12.60	93.30	2402.92	-16.89	228.45	0.87	20.48	160764.03	2115778.52	
2514.00	14.60	93.30	2496.23	-18.19	250.98	2.08	22.13	160762.73	2115801.05	
2610.00	15.90	90.00	2588.84	-18.88	276.21	1.63	23.22	160762.04	2115826.28	
2705.00	15.30	88.00	2680.35	-18.45	301.75	0.85	23.18	160762.47	2115851.82	

**Calmena Energy Services**

Date: 22-Oct-2012  
 Surveys  
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 Job#: 6717

Company: Shell Exploration and Production Company  
 Well: Harris Farms 3407 #8-1H  
 Location: Harper County, Kansas Sect8-34S-7W

NAD27 KS south gr elev=1343 RKB 1370.5  
 Grid X  
 Comments

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N-S (feet)	E-W (feet)	DLS (deg/100')	VS @ 179.1° Az (feet)	Grid Y	Grid X	Comments
2801.00	16.90	90.70	2772.58	-18.18	328.37	1.84	23.33	160762.74	2115878.44	
2897.00	18.30	90.00	2864.08	-18.35	357.39	1.47	23.96	160762.57	2115907.46	
2993.00	17.60	87.90	2955.41	-17.81	386.97	0.99	23.89	160763.11	2115937.04	
3088.00	18.30	86.40	3045.79	-16.35	416.21	0.88	22.89	160764.57	2115966.28	
3184.00	18.30	88.20	3136.93	-14.93	446.31	0.59	21.94	160765.99	2115996.38	
3279.00	19.10	90.50	3226.92	-14.60	476.76	1.15	22.09	160766.32	2116026.83	
3375.00	19.80	89.20	3317.44	-14.51	508.73	0.86	22.50	160766.41	2116058.80	
3471.00	19.40	89.30	3407.88	-14.09	540.93	0.42	22.58	160766.83	2116091.00	
3567.00	20.70	89.80	3498.06	-13.83	573.84	1.37	22.84	160767.09	2116123.91	
3662.00	19.70	89.90	3587.21	-13.75	606.64	1.05	23.27	160767.17	2116156.71	
3758.00	17.90	92.50	3678.09	-14.36	637.56	2.07	24.37	160766.56	2116187.63	
3853.00	17.70	92.80	3768.54	-15.70	666.57	0.23	26.17	160765.22	2116216.64	
3949.00	18.90	97.30	3859.69	-18.39	696.57	1.93	29.33	160762.53	2116246.64	
4044.00	17.00	94.40	3950.06	-21.41	725.69	2.21	32.81	160759.51	2116275.76	
4140.00	15.10	90.70	4042.32	-22.64	752.18	2.25	34.46	160758.28	2116302.25	
4172.00	16.00	95.30	4073.15	-23.10	760.74	4.77	35.05	160757.82	2116310.81	
4204.00	18.40	99.60	4103.71	-24.35	770.12	8.48	36.44	160756.57	2116320.19	
4236.00	21.30	105.20	4133.81	-26.72	780.71	10.83	38.98	160754.20	2116330.78	
4268.00	24.40	111.10	4163.30	-30.62	792.49	12.04	43.07	160750.30	2116342.56	
4299.00	26.20	119.00	4191.34	-36.25	804.45	12.33	48.88	160744.67	2116354.52	
4331.00	26.50	127.90	4220.02	-44.06	816.27	12.37	56.88	160736.86	2116366.34	
4363.00	26.60	135.40	4248.66	-53.55	826.94	10.47	66.53	160727.37	2116377.01	
4396.00	26.90	144.50	4278.14	-64.89	836.46	12.43	78.02	160716.03	2116386.53	
4427.00	26.90	153.40	4305.79	-76.88	843.68	12.98	90.12	160704.04	2116393.75	
4459.00	27.60	162.00	4334.25	-90.41	849.21	12.49	103.73	160690.51	2116399.28	
4491.00	28.70	169.80	4362.48	-105.02	852.86	11.99	118.41	160675.90	2116402.93	
4523.00	31.00	174.60	4390.23	-120.79	855.00	10.36	134.21	160660.13	2116405.07	
4555.00	34.00	177.10	4417.22	-137.94	856.23	10.27	151.37	160642.98	2116406.30	
4587.00	37.60	180.10	4443.17	-156.64	856.67	12.51	170.08	160624.28	2116406.74	
4619.00	41.40	182.10	4467.86	-176.99	856.26	12.52	190.42	160603.93	2116406.33	

**Calmena Energy Services**

Date: 22-Oct-2012

Surveys

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Job#: 6717

Company: Shell Exploration and Production Company

Well: Harris Farms 3407 #8-1H

Location: Harper County, Kansas Sect8-34S-7W

NAD27 KS south gr elev=1343 RKB 1370.5

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N-S (feet)	E-W (feet)	DLS (deg/100')	VS @ 179.1° Az (feet)	Grid Y	Grid X	Comments
4651.00	44.80	182.40	4491.22	-198.83	855.40	10.64	212.24	160582.09	2116405.47	
4683.00	48.00	182.10	4513.29	-221.99	854.49	10.02	235.38	160558.93	2116404.56	
4715.00	51.50	182.80	4533.96	-246.38	853.44	11.06	259.76	160534.54	2116403.51	
4747.00	54.60	183.40	4553.19	-271.92	852.06	9.80	285.27	160509.01	2116402.13	
4779.00	57.90	183.30	4570.97	-298.47	850.50	10.32	311.80	160482.45	2116400.57	
4811.00	60.80	182.20	4587.28	-325.97	849.19	9.53	339.27	160454.95	2116399.26	
4843.00	63.90	181.50	4602.13	-354.29	848.28	9.88	367.57	160426.63	2116398.35	
4875.00	67.00	181.80	4615.42	-383.39	847.44	9.72	396.65	160397.53	2116397.51	
4906.00	70.70	182.20	4626.61	-412.28	846.43	12.00	425.52	160368.65	2116396.50	
4938.00	73.50	183.00	4636.44	-442.69	845.04	9.07	455.91	160338.23	2116395.11	
4970.00	76.50	183.50	4644.72	-473.55	843.29	9.50	486.73	160307.37	2116393.36	
5002.00	79.80	183.20	4651.29	-504.81	841.46	10.35	517.96	160276.11	2116391.53	
5033.00	83.50	182.00	4655.80	-535.44	840.07	12.53	548.57	160245.48	2116390.14	
5065.00	86.30	181.20	4658.64	-567.30	839.18	9.10	580.41	160213.62	2116389.25	
5097.00	87.70	180.80	4660.31	-599.25	838.62	4.55	612.35	160181.67	2116388.69	
5110.00	87.90	180.80	4660.81	-612.24	838.44	1.54	625.33	160168.68	2116388.51	
5129.00	88.50	180.90	4661.41	-631.23	838.16	3.20	644.31	160149.69	2116388.23	
5193.00	87.80	179.90	4663.48	-695.19	837.71	1.91	708.26	160085.73	2116387.78	
5289.00	88.60	180.30	4666.49	-791.14	837.55	0.93	804.20	159989.78	2116387.62	
5322.00	88.80	180.30	4667.24	-824.13	837.37	0.61	837.18	159956.79	2116387.44	
5337.00	88.30	180.10	4667.62	-839.13	837.32	3.59	852.18	159941.79	2116387.39	
5382.00	89.40	179.50	4668.52	-884.12	837.48	2.78	897.16	159896.80	2116387.55	
5478.00	86.60	179.60	4671.87	-980.05	838.23	2.92	993.09	159800.87	2116388.30	
5574.00	87.40	180.30	4676.90	-1075.91	838.32	1.11	1088.95	159705.01	2116388.39	
5669.00	86.70	178.70	4681.79	-1170.78	839.14	1.84	1183.82	159610.14	2116389.21	
5765.00	88.50	178.70	4685.81	-1266.67	841.32	1.88	1279.73	159514.25	2116391.39	
5861.00	88.60	177.60	4688.24	-1362.59	844.42	1.15	1375.68	159418.33	2116394.49	
5956.00	90.00	177.60	4689.40	-1457.49	848.40	1.47	1470.64	159323.43	2116398.47	
6051.00	89.40	177.50	4689.89	-1552.41	852.46	0.64	1565.60	159228.52	2116402.53	
6146.00	87.70	177.90	4692.30	-1647.29	856.27	1.84	1660.54	159133.63	2116406.34	

**Calmena Energy Services**

Company: Shell Exploration and Production Company  
 Well: Harris Farms 3407 #8-1H  
 Location: Harper County, Kansas Sect8-34S-7W

Date: 22-Oct-2012  
 Surveys  
 Page 4  
 Job#: 6717

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N/S (feet)	E/-W (feet)	DLS (deg/100')	VS @ 179.1° Az (feet)	Grid Y	Grid X	NAD27 KS south gr elev=1343 RKB 1370.5 Comments
6241.00	90.20	179.00	4694.04	-1742.23	858.84	2.87	1755.51	159038.69	2116408.91	
6335.00	90.00	180.10	4693.88	-1836.23	859.57	1.19	1849.51	158944.69	2116409.64	
6431.00	89.20	180.30	4694.54	-1932.23	859.24	0.86	1945.48	158848.69	2116409.31	
6526.00	90.60	179.90	4694.71	-2027.22	859.07	1.53	2040.47	158753.70	2116409.14	
6622.00	88.50	180.00	4695.46	-2123.22	859.16	2.19	2136.45	158657.71	2116409.23	
6718.00	90.20	179.10	4696.55	-2219.20	859.91	2.00	2232.43	158561.72	2116409.98	
6813.00	89.30	178.10	4696.97	-2314.17	862.23	1.42	2327.43	158466.75	2116412.30	
6908.00	89.40	178.00	4698.05	-2409.11	865.47	0.15	2422.41	158371.81	2116415.54	
7004.00	89.90	177.00	4698.63	-2505.01	869.65	1.16	2518.37	158275.91	2116419.72	
7100.00	82.90	175.80	4704.66	-2600.57	875.66	7.40	2614.01	158180.35	2116425.73	
7195.00	85.60	176.20	4714.17	-2694.86	882.25	2.87	2708.38	158086.06	2116432.32	
7290.00	88.10	177.00	4719.39	-2789.54	887.88	2.76	2803.14	157991.38	2116437.95	
7386.00	89.80	178.00	4721.15	-2885.43	892.06	2.05	2899.08	157895.49	2116442.13	
7482.00	91.10	179.40	4720.40	-2981.39	894.24	1.99	2995.07	157799.53	2116444.31	
7577.00	91.20	178.90	4718.49	-3076.37	895.65	0.54	3090.05	157704.56	2116445.72	
7673.00	92.10	180.20	4715.73	-3172.32	896.40	1.65	3186.01	157608.60	2116446.47	
7769.00	92.50	179.20	4711.88	-3268.24	896.91	1.12	3281.92	157512.68	2116446.98	
7865.00	92.00	180.10	4708.11	-3364.16	897.49	1.07	3377.84	157416.76	2116447.56	
7961.00	90.90	179.60	4705.68	-3460.13	897.74	1.26	3473.80	157320.79	2116447.81	
8056.00	90.90	179.80	4704.18	-3555.12	898.24	0.21	3568.79	157225.81	2116448.31	
8153.00	90.30	178.80	4703.17	-3652.10	899.43	1.20	3665.78	157128.82	2116449.50	
8248.00	89.40	178.90	4703.42	-3747.08	901.33	0.95	3760.78	157033.84	2116451.40	
8344.00	89.00	179.40	4704.76	-3843.06	902.76	0.67	3856.77	156937.86	2116452.83	
8440.00	88.90	178.60	4706.52	-3939.03	904.43	0.84	3952.75	156841.89	2116454.50	
8535.00	89.40	178.30	4707.93	-4033.98	907.00	0.61	4047.73	156746.94	2116457.07	
8631.00	87.30	178.90	4710.69	-4129.91	909.35	2.27	4143.68	156651.01	2116459.42	
8726.00	88.10	180.30	4714.50	-4224.83	910.01	1.70	4238.60	156556.09	2116460.08	
8821.00	90.30	182.00	4715.83	-4319.79	908.10	2.93	4333.52	156461.13	2116458.17	
8917.00	89.90	181.70	4715.66	-4415.74	905.00	0.52	4429.41	156365.18	2116455.07	
9013.00	89.60	180.40	4716.08	-4511.72	903.24	1.39	4525.35	156269.20	2116453.31	

**Calmena Energy Services**

Date: 22-Oct-2012

Surveys

Page 5

Job# : 6717

Company: Shell Exploration and Production Company

Well: Harris Farms 3407 #8-1H

Location: Harper County, Kansas Sect8-34S-7W

NAD27 KS south gr elev=1343 RKB 1370.5

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N-S (feet)	E-W (feet)	DLS (deg/100')	VS @ 179.1° Az (feet)	Grid Y	Grid X	Comments
9052.00	89.01	180.27	4716.56	-4550.72	903.01	1.56	4564.34	156230.20	2116453.08	330 Hard line intercept
9105.00	88.20	180.10	4717.85	-4603.70	902.84	1.56	4617.31	156177.22	2116452.91	
9152.00	88.20	180.10	4719.32	-4650.68	902.76	0.00	4664.28	156130.24	2116452.83	Survey Proj. to 9152 MD

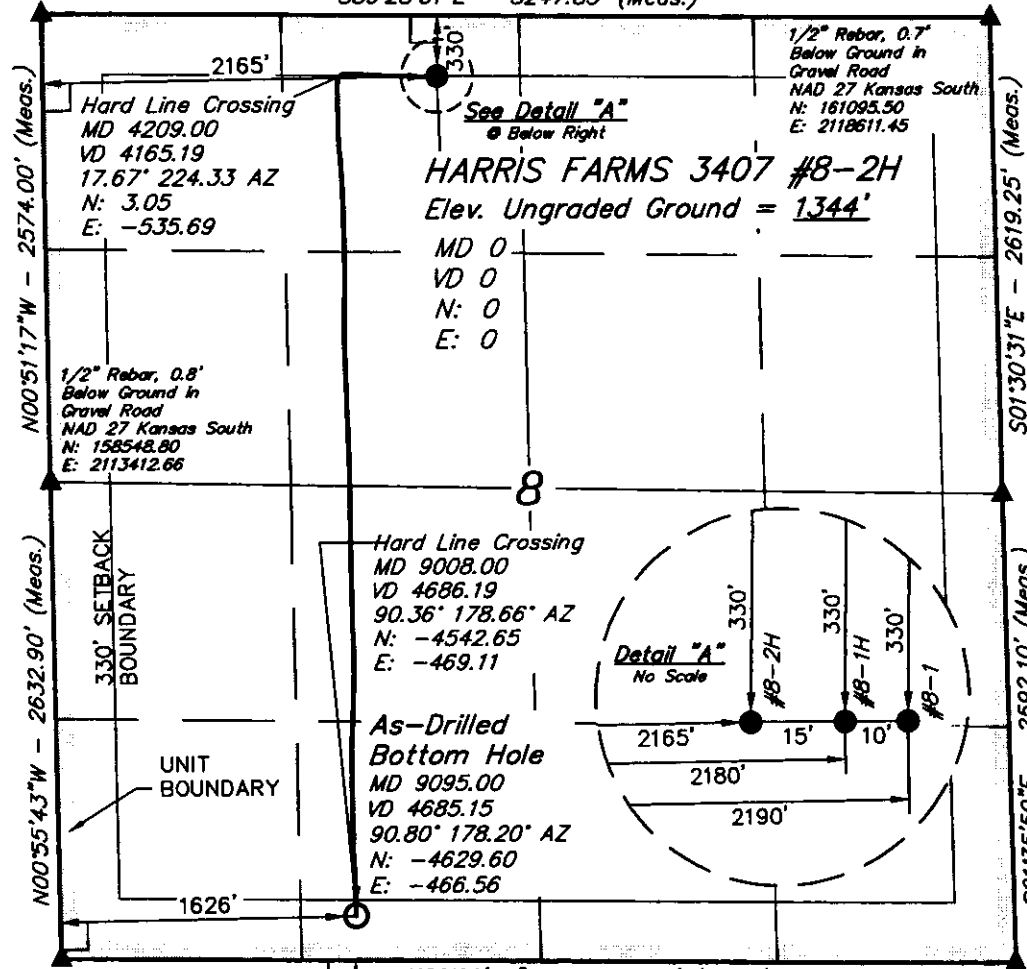
Pvt. Alum Cap.,  
LS 1360, 0.5"  
Below Ground  
in Gravel Road  
NAD 27 Kansas South  
N: 161122.42  
E: 2113363.54

# T34S, R7W, 6th P.M.

## SGOMI

Well location, HARRIS FARMS 3407 #8-2H, located as shown in the NE 1/4 NW 1/4 of Section 8, T34S, R7W, 6th P.M., Harper County, Kansas.

S89°28'01"E - 5247.83' (Meas.)



### BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 22, T33S, R7W, 6th P.M. TAKEN FROM THE ANTHONY, QUADRANGLE, KANSAS, HARPER COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 1348 FEET.

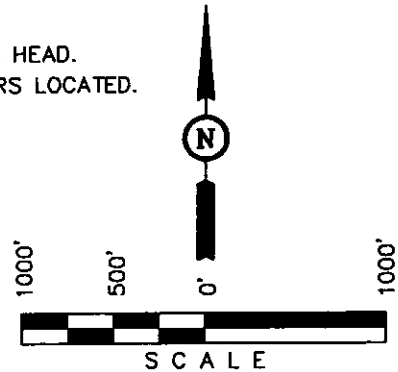
### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

5/8" Rebar, 0.9"  
Below Ground in  
Gravel Road  
NAD 27 Kansas South  
N: 158477.37  
E: 2118691.32



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 11551  
STATE OF KANSAS  
11-20-12

1" Steel Bar 3.5"  
Below Ground  
NAD 27 Kansas South  
N: 155916.35  
E: 2113466.30

N89°26'20"W - 5307.99' (Meas.)

3/4" Rebar, 0.5"  
Below Ground in  
Gravel Road  
NAD 27 Kansas South  
N: 155886.51  
E: 2118774.37

NOTE:  
AS-DRILLED WELL BORE PATH  
AND INFORMATION  
PROVIDED BY SGOMI.

NAD 83 (#8-2H AS-DRILLED BOTTOM HOLE)	NAD 83 (#8-2H SURFACE LOCATION)
LATITUDE = 37°05'41.50" (37.094861)	LATITUDE = 37°06'27.28" (37.107578)
LONGITUDE = 98°06'20.82" (98.105783)	LONGITUDE = 98°06'15.05" (98.104181)
NAD 27 (#8-2H AS-DRILLED BOTTOM HOLE)	NAD 27 (#8-2H SURFACE LOCATION)
LATITUDE = 37°05'41.42" (37.094839)	LATITUDE = 37°06'27.19" (37.107553)
LONGITUDE = 98°06'19.59" (98.105442)	LONGITUDE = 98°06'13.82" (98.103839)
STATE PLANE NAD 27 (KANSAS SOUTH)	STATE PLANE NAD 27 (KANSAS SOUTH)
N: 158149.28 E: 2115087.84	N: 160780.94 E: 2115535.11

### UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-10-12	DATE DRAWN: 11-20-12
PARTY L.S. J.P. C.C.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE SGOMI	