



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Confidentiality Requested:
 Yes No

OPERATOR: License # _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____
CONTRACTOR: License # _____
Name: _____
Wellsite Geologist: _____
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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-_____-
 _____ Sec. _____ Twp. _____ S. R. _____ East West
 _____ Feet from North / South Line of Section
 _____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Shell Gulf of Mexico Inc.
Well Name	Harris Farms 3407 8-2H
Doc ID	1106918

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
1	5012 - 5352	168168 gals fluids, 77129# prop	
2	5460 - 5752	168168 gals fluids, 77656# prop	
3	5855 - 6122	167034 gals fluids, 76025# prop	
4	6220 - 6512	166782 gals fluids, 72710# prop	
5	6640 - 6972	167286 gals fluids, 72496# prop	
6	7080 - 7352	174066 gals fluids, 73210# prop	
7	7840 - 8092	156996 gals fluids, 73880# prop	
8	8240 - 8502	170520 gals fluids, 76748# prop	
9	8600 - 8992	283416 gals fluids, 75462# prop	

Form	ACO1 - Well Completion
Operator	Shell Gulf of Mexico Inc.
Well Name	Harris Farms 3407 8-2H
Doc ID	1106918

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	26	18	47.44	60	1/2 Portland cement	30	15 % Fly Ash
Surface	12.25	9.625	36	850	Class C	500	See attached
Intermediate	8.75	7	23	4923	Class C	205	See attached
Liner	6.125	4.5	11.6	9095	Class H	385	See attached

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 30-AUG-12	F.R. # 1001931879	SERV. SUPV. JUSTIN D STAMPER
LEASE & WELL NAME HARRIS FARMS 3407 #8-2H - API 15077218470000	LOCATION 8-34S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG #	TYPE OF JOB Surface	

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
9-5/8" Top Cem Plug, Nitrile cvr, Phe	No Shoe						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
WATER			8.34				20	
C+2%CACL2+.25#CELLOFLK		500	14.8	1.35	6.34	02:45	119.89	75.45
Water			8.34				61	
Available Mix Water <u>1000</u> Bbl.		Available Displ. Fluid <u>1000</u> Bbl.		TOTAL			<u>200.89</u>	<u>75.45</u>

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25		850	8.921	9.625	36	CSG	836	836	J-55	836	795	

LAST CASING					PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
										9.625	8RD	WATER BASED MU	9

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	RIG
61	BBLS	Water	8.34	250					3160	1500	RIG

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 3600 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
16:00						ARRIVE ON LOCATION	
20:00						SAFETY MEETING	
20:35	3600				WATER	TEST LINES, START SPACER	
20:40	180		5	20	SPACER	FINISH SPACER, START SLUURY	
21:06	200		5	120	SLURRY	FINISH SLURRY, SHUT DOWN, DROP PLUG AND DISPLACE	
21:20	350		5	51	WATER	SLOW TO BUMP PLUG	
21:22	300		3	10	WATER	BUMP PLUG, PRESSURE TO 920 PSI	
21:53	0					BLEED OFF RECIVED .25 BBLS BACK TO TRUCK	
						THANK YOU FOR USING BHI	
						JUSTIN STAMPER AND CREW	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	920	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	40	201	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 28-SEP-12	F.R. # 1001937590	SERV. SUPV. JUSTIN D STAMPER
LEASE & WELL NAME HARRIS FARMS 3407 #8-2H - API 15077218470000	LOCATION 8-34S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG #		TYPE OF JOB Intermediate

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
7" Top Cem Plug, Nitrile cvr, Phen	Shoe PROVIDED BY CUSTOMER						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
SEAL BOND			8.45				40	
15:85:8(POZ,C,GEL)+10%SALT+.5%SMS+4PPS KOLS		120	12.4	2.45	13.51		52.29	38.55
50:50:2(POZ,C,GEL)+4#KOLSL+.15%SMS+.3%FL52		85	14.2	1.32	5.66		20	11.46
WATER			8.34				195	
Available Mix Water <u>500</u> Bbl.		Available Displ. Fluid <u>500</u> Bbl.		TOTAL			<u>307.29</u>	<u>50.01</u>

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
8.75		4971	6.366	7	23	CSG	4923	4700	L-80	4923	4831	

LAST CASING				PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.9	9.625	36		800	800			4600	4600	7	8RD	WATER BASED MU	9.2

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	
195.3	BBLS	WATER	8.34	600					5072	3500	RIG

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: ARRIVE ON LOCATION, RIG UP, WAIT ON CASING

PRESSURE/RATE DETAIL						EXPLANATION					
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>					
	PIPE	ANNULUS				TEST LINES 4200 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input checked="" type="checkbox"/>					
06:00						ARRIVE ON LOCATION					
18:00						SAFETY MEETING					
18:44	4200				WATER	TEST LINES, START LEAD SLURRY					
19:03	80		4	52	LEAD	FINISH LEAD, START TAIL					
19:09	100			20	TAIL	FINISH TAIL SLURRY, SHUT DOWN, DROP PLUG AND DISPLACE					
19:47	700		5	180	WATER	SLOW TO BUMP PLUG					
19:51	700		3	10	WATER	BUMP PLUG PRESSURE TO 1230 PSI					
20:21	0					BLEED OFF RECEIVED 1 BBLS BACK TO TRUCK					
						FLOATS HOLDING					
						THANK YOU FOR USING BHI					
						JUSTIN STAMPER AND CREW					

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1200	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	262	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 11-OCT-12	F.R. # 1001938735	SERV. SUPV. JONATHAN M SCHULZ III
LEASE & WELL NAME HARRIS FARMS 3407 #8-2H - API 15077218470000	LOCATION 8-34S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG #		TYPE OF JOB Liner

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
	Provided by Baker Oil Tool;s						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
SealBond Spacer			8.45				40	
H50:50 + 3%NaCl+ .6%SMS +.0% R-3+ .5%FI-52A		385	14.3	1.24	5.54		84	49.98
Displacement			8.34				112	
reverse out			8.34				150	

Available Mix Water	1000	Bbl.	Available Displ. Fluid	900	Bbl.	TOTAL	386	49.98
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HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
6.125		9095	3.34	4	14	DP	4410	4410	P-110			
			4	4.5	11.6	CSG	9095	4685	P-110			

LAST CASING					PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
6.4	7	23	CSG	4962	4962						2	1502	WATER BASED MU	8.5

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	
112	BBLS	Displacement	8.34	1500					8552	5000	Rig Tanks
		reverse out	8.34								

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive on location @ 1630

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	6800 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
16:30						Arrive on location	
22:15				40	SPACER	rig pumps 40bbbls sealbond spacer	
22:45	6800				WATER	test pumps & lines	
22:57	269		3		SLURRY	open well/start slurry 14.3ppg	
23:21	322		4	84	SLURRY	end slurry	
23:23					WATER	wash pumps & lines	
23:26	105		3		WATER	drop TRP/start displacement	
23:30	674		7	22	WATER	bbls pumped when caught cement	
23:33	1100		3	41	WATER	bbls pumped shear first plug	
23:50	1803		3	112	WATER	bump plug/shutdown	
23:53	4500					test casing	
23:58	0			-2		bleed off pressure check floats/ holding/bbls back	
00:16	4520					test backside pressure	
00:26	4430				WATER	good test bleed off pressure	
00:44	564		6		WATER	begin reverse out	
01:12	722		6	150	WATER	end reverse out	
						Calculated top of cement @ 4828'	
						36bbbls of spacer return/ no cement returns	
						Thanks for using BHI Pressure pumping	

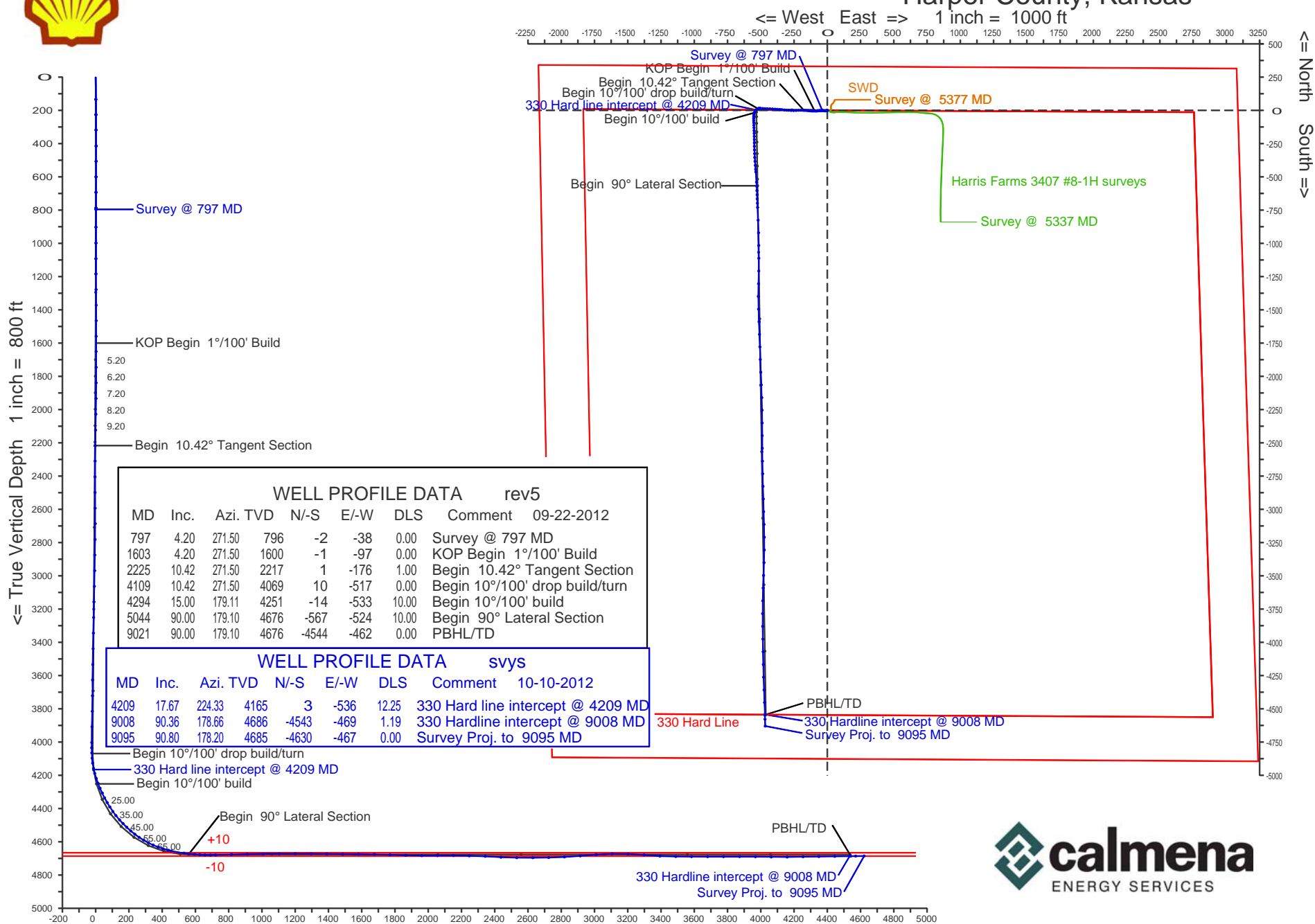
CEMENT JOB REPORT



PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 6800 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
Jonathan Schulz & Crew							
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	<u>SERVICE SUPERVISOR SIGNATURE:</u>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1786	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	396	0	Y <input checked="" type="checkbox"/> N	



Shell Exploration and Production Company Harris Farms 3407 #8-2H (F01) Harper County, Kansas



Calmena Energy Services

Company: Shell Exploration and Production Company
 Well: Harris Farms 3407 #8-2H
 Location: Harper County, Kansas Sect8-34S-7W

Date: 10-Oct-2012
 Surveys
 Page 1
 Job# : 6718

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
Surface Location								160780.94	2115535.11	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	160780.94	2115535.11	
134.00	0.70	198.70	134.00	-0.78	-0.26	0.52	0.77	160780.16	2115534.85	
226.00	1.60	257.40	225.98	-1.59	-1.70	1.49	1.56	160779.35	2115533.41	
318.00	3.10	261.80	317.90	-2.22	-5.41	1.64	2.14	160778.72	2115529.70	
415.00	3.90	264.40	414.72	-2.92	-11.29	0.84	2.74	160778.02	2115523.82	
507.00	4.30	273.60	506.48	-3.01	-17.85	0.84	2.73	160777.93	2115517.26	
601.00	3.90	274.40	600.24	-2.54	-24.55	0.43	2.16	160778.40	2115510.56	
694.00	3.80	268.90	693.03	-2.36	-30.79	0.41	1.87	160778.58	2115504.32	
788.00	4.20	271.50	786.80	-2.33	-37.34	0.47	1.74	160778.61	2115497.77	
797.00	4.20	271.50	795.78	-2.31	-38.00	0.00	1.71	160778.63	2115497.11	
904.00	3.80	268.60	902.52	-2.29	-45.46	0.42	1.58	160778.65	2115489.65	
1000.00	3.60	271.20	998.32	-2.31	-51.66	0.27	1.50	160778.63	2115483.45	
1094.00	3.70	271.10	1092.13	-2.19	-57.64	0.11	1.28	160778.75	2115477.47	
1186.00	3.50	265.00	1183.95	-2.38	-63.40	0.47	1.38	160778.56	2115471.71	
1280.00	3.50	261.30	1277.77	-3.06	-69.10	0.24	1.97	160777.88	2115466.01	
1374.00	3.00	254.80	1371.62	-4.14	-74.31	0.66	2.97	160776.80	2115460.80	
1468.00	4.40	274.40	1465.43	-4.51	-80.28	1.99	3.25	160776.43	2115454.83	
1562.00	3.80	268.90	1559.19	-4.29	-86.99	0.76	2.92	160776.65	2115448.12	
1654.00	5.60	270.40	1650.87	-4.32	-94.52	1.96	2.83	160776.62	2115440.59	
1749.00	5.30	267.40	1745.44	-4.48	-103.54	0.44	2.86	160776.46	2115431.57	
1843.00	5.90	270.50	1838.99	-4.64	-112.71	0.71	2.87	160776.30	2115422.40	
1938.00	7.50	276.00	1933.34	-3.95	-123.76	1.81	2.00	160776.99	2115411.35	
2033.00	7.40	274.00	2027.54	-2.87	-136.03	0.29	0.74	160778.07	2115399.08	
2129.00	8.80	276.80	2122.58	-1.57	-149.49	1.51	-0.77	160779.37	2115385.62	
2225.00	10.50	274.00	2217.22	-0.09	-165.51	1.84	-2.51	160780.85	2115369.60	
2319.00	9.80	270.40	2309.75	0.56	-182.05	1.00	-3.42	160781.50	2115353.06	
2415.00	10.80	271.40	2404.20	0.84	-199.21	1.06	-3.97	160781.78	2115335.90	
2511.00	10.00	266.90	2498.63	0.61	-216.53	1.19	-4.01	160781.55	2115318.58	
2607.00	11.60	267.30	2592.92	-0.30	-234.49	1.67	-3.38	160780.64	2115300.62	
2702.00	10.70	267.00	2686.13	-1.21	-252.84	0.95	-2.76	160779.73	2115282.27	

Calmena Energy Services

Company: Shell Exploration and Production Company
 Well: Harris Farms 3407 #8-2H
 Location: Harper County, Kansas Sect8-34S-7W

Date: 10-Oct-2012
 Surveys
 Page 2
 Job# : 6718

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
2799.00	11.20	275.90	2781.37	-0.71	-271.21	1.82	-3.55	160780.23	2115263.90	
2894.00	10.90	273.80	2874.61	0.83	-289.35	0.53	-5.37	160781.77	2115245.76	
2990.00	10.20	270.20	2968.99	1.46	-306.90	1.00	-6.28	160782.40	2115228.21	
3086.00	10.80	279.30	3063.38	2.94	-324.28	1.83	-8.04	160783.88	2115210.83	
3181.00	10.30	276.30	3156.78	5.31	-341.51	0.78	-10.68	160786.25	2115193.60	
3276.00	10.40	273.10	3250.23	6.71	-358.51	0.61	-12.34	160787.65	2115176.60	
3372.00	10.80	275.30	3344.60	8.01	-376.12	0.59	-13.92	160788.95	2115158.99	
3468.00	10.60	273.50	3438.93	9.38	-393.89	0.41	-15.57	160790.32	2115141.22	
3564.00	12.00	275.00	3533.06	10.79	-412.64	1.49	-17.27	160791.73	2115122.47	
3659.00	11.40	272.20	3626.09	12.01	-431.86	0.87	-18.79	160792.95	2115103.25	
3756.00	10.80	268.70	3721.28	12.17	-450.53	0.93	-19.25	160793.11	2115084.58	
3851.00	11.10	275.90	3814.55	12.91	-468.53	1.47	-20.27	160793.85	2115066.58	
3946.00	10.40	273.30	3907.88	14.34	-486.18	0.90	-21.98	160795.28	2115048.93	
4042.00	9.80	276.00	4002.40	15.70	-502.96	0.80	-23.59	160796.64	2115032.15	
4074.00	9.30	267.60	4033.95	15.87	-508.25	4.62	-23.85	160796.81	2115026.86	
4106.00	10.60	259.70	4065.47	15.24	-513.73	5.88	-23.31	160796.18	2115021.38	
4138.00	13.10	249.80	4096.79	13.46	-520.03	10.04	-21.63	160794.40	2115015.08	
4169.00	15.40	239.00	4126.84	10.12	-526.86	11.31	-18.40	160791.06	2115008.25	
4201.00	17.20	227.20	4157.56	4.72	-533.97	11.75	-13.11	160785.66	2115001.14	
4209.00	17.67	224.33	4165.19	3.05	-535.69	12.25	-11.46	160783.99	2114999.42	330 Hard line intercept
4233.00	19.30	216.60	4187.96	-2.74	-540.60	12.25	-5.75	160778.20	2114994.51	
4265.00	19.50	204.10	4218.16	-11.87	-545.94	12.97	3.29	160769.07	2114989.17	
4297.00	22.40	196.00	4248.04	-22.61	-549.80	12.79	13.97	160758.33	2114985.31	
4329.00	23.90	187.20	4277.48	-34.91	-552.29	11.77	26.23	160746.03	2114982.82	
4361.00	24.80	181.20	4306.63	-48.05	-553.25	8.22	39.35	160732.89	2114981.86	
4393.00	27.30	179.60	4335.38	-62.10	-553.34	8.11	53.40	160718.84	2114981.77	
4425.00	30.00	179.10	4363.46	-77.44	-553.16	8.47	68.74	160703.50	2114981.95	
4456.00	32.10	178.10	4390.02	-93.42	-552.77	6.98	84.73	160687.52	2114982.34	
4489.00	35.10	177.40	4417.50	-111.67	-552.04	9.17	102.98	160669.27	2114983.07	
4520.00	38.90	177.80	4442.25	-130.30	-551.27	12.28	121.63	160650.64	2114983.84	

Calmena Energy Services

Company: Shell Exploration and Production Company
 Well: Harris Farms 3407 #8-2H
 Location: Harper County, Kansas Sect8-34S-7W

Date: 10-Oct-2012
 Surveys
 Page 3
 Job# : 6718

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
4553.00	42.00	178.00	4467.36	-151.70	-550.48	9.40	143.03	160629.24	2114984.63	
4584.00	44.50	177.90	4489.94	-172.92	-549.72	8.07	164.27	160608.02	2114985.39	
4616.00	46.00	178.70	4512.47	-195.64	-549.05	5.01	186.99	160585.30	2114986.06	
4648.00	49.10	179.60	4534.06	-219.24	-548.70	9.91	210.60	160561.70	2114986.41	
4680.00	52.40	179.40	4554.31	-244.02	-548.49	10.32	235.37	160536.92	2114986.62	
4712.00	56.50	179.30	4572.91	-270.05	-548.19	12.82	261.40	160510.89	2114986.92	
4744.00	60.10	178.60	4589.72	-297.26	-547.69	11.40	288.62	160483.68	2114987.42	
4776.00	62.60	177.70	4605.06	-325.33	-546.78	8.19	316.70	160455.61	2114988.33	
4808.00	65.40	176.90	4619.09	-354.06	-545.42	9.03	345.44	160426.88	2114989.69	
4840.00	68.90	175.80	4631.51	-383.48	-543.54	11.39	374.89	160397.46	2114991.57	
4872.00	72.60	175.40	4642.06	-413.60	-541.22	11.62	405.04	160367.34	2114993.89	
4903.00	75.80	175.10	4650.50	-443.32	-538.75	10.36	434.80	160337.62	2114996.36	
4923.00	78.30	175.20	4654.98	-462.74	-537.11	12.51	454.24	160318.20	2114998.00	
5001.00	82.60	176.80	4667.92	-539.45	-531.75	5.87	531.03	160241.49	2115003.36	
5033.00	83.40	177.80	4671.82	-571.17	-530.25	3.98	562.78	160209.77	2115004.86	
5065.00	84.50	177.80	4675.19	-602.97	-529.03	3.44	594.59	160177.97	2115006.08	
5097.00	85.60	177.80	4677.96	-634.83	-527.81	3.44	626.46	160146.11	2115007.30	
5128.00	88.00	177.70	4679.69	-665.75	-526.59	7.75	657.40	160115.19	2115008.52	
5160.00	90.50	177.90	4680.10	-697.73	-525.36	7.84	689.39	160083.21	2115009.75	
5192.00	91.40	177.90	4679.57	-729.70	-524.19	2.81	721.38	160051.24	2115010.92	
5288.00	92.10	177.40	4676.64	-825.57	-520.26	0.90	817.30	159955.37	2115014.85	
5383.00	90.80	178.80	4674.24	-920.49	-517.11	2.01	912.25	159860.45	2115018.00	
5478.00	90.60	179.20	4673.08	-1015.46	-515.45	0.47	1007.24	159765.48	2115019.66	
5574.00	90.70	180.20	4671.99	-1111.46	-514.95	1.05	1103.23	159669.48	2115020.16	
5670.00	89.90	180.30	4671.49	-1207.45	-515.37	0.84	1199.21	159573.49	2115019.74	
5766.00	89.60	181.50	4671.91	-1303.44	-516.88	1.29	1295.16	159477.50	2115018.23	
5861.00	88.90	180.50	4673.15	-1398.41	-518.53	1.28	1390.10	159382.53	2115016.58	
5957.00	89.50	177.50	4674.49	-1494.38	-516.86	3.19	1486.08	159286.56	2115018.25	
6052.00	90.30	178.10	4674.66	-1589.31	-513.21	1.05	1581.05	159191.63	2115021.90	
6147.00	88.30	177.70	4675.82	-1684.23	-509.73	2.15	1676.02	159096.71	2115025.38	

Calmena Energy Services

Company: Shell Exploration and Production Company
 Well: Harris Farms 3407 #8-2H
 Location: Harper County, Kansas Sect8-34S-7W

Date: 10-Oct-2012
 Surveys
 Page 4
 Job# : 6718

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
6241.00	88.20	178.70	4678.69	-1778.14	-506.78	1.07	1769.96	159002.80	2115028.33	
6336.00	88.60	177.90	4681.34	-1873.06	-503.96	0.94	1864.91	158907.88	2115031.15	
6432.00	89.00	177.70	4683.35	-1968.97	-500.28	0.47	1960.87	158811.97	2115034.83	
6527.00	91.20	177.60	4683.18	-2063.88	-496.38	2.32	2055.83	158717.06	2115038.73	
6623.00	89.30	178.10	4682.77	-2159.81	-492.78	2.05	2151.80	158621.13	2115042.33	
6718.00	89.10	179.20	4684.09	-2254.77	-490.54	1.18	2246.79	158526.17	2115044.57	
6814.00	87.00	180.00	4687.36	-2350.71	-489.87	2.34	2342.72	158430.23	2115045.24	
6909.00	86.90	179.60	4692.41	-2445.57	-489.54	0.43	2437.58	158335.37	2115045.57	
7004.00	89.50	179.60	4695.40	-2540.52	-488.88	2.74	2532.52	158240.43	2115046.23	
7101.00	90.20	179.20	4695.65	-2637.51	-487.86	0.83	2629.52	158143.43	2115047.25	
7196.00	91.00	178.70	4694.66	-2732.49	-486.12	0.99	2724.51	158048.45	2115048.99	
7291.00	93.50	178.30	4690.93	-2827.37	-483.64	2.66	2819.43	157953.57	2115051.47	
7386.00	94.10	178.70	4684.63	-2922.13	-481.16	0.76	2914.21	157858.81	2115053.95	
7482.00	94.70	178.40	4677.27	-3017.82	-478.74	0.70	3009.93	157763.12	2115056.37	
7578.00	91.00	178.40	4672.49	-3113.64	-476.06	3.85	3105.78	157667.30	2115059.05	
7674.00	87.80	178.70	4673.50	-3209.60	-473.63	3.35	3201.76	157571.35	2115061.48	
7770.00	85.50	181.20	4679.11	-3305.42	-473.54	3.54	3297.57	157475.52	2115061.57	
7866.00	86.80	181.60	4685.55	-3401.17	-475.88	1.42	3393.28	157379.77	2115059.23	
7962.00	89.50	182.10	4688.65	-3497.06	-478.98	2.86	3489.11	157283.88	2115056.13	
8057.00	90.20	182.10	4688.90	-3592.00	-482.46	0.74	3583.97	157188.95	2115052.65	
8153.00	89.60	181.30	4689.07	-3687.95	-485.31	1.04	3679.87	157092.99	2115049.80	
8249.00	90.40	179.90	4689.07	-3783.94	-486.32	1.68	3775.84	156997.00	2115048.79	
8345.00	89.80	179.30	4688.90	-3879.94	-485.65	0.88	3871.83	156901.00	2115049.46	
8441.00	89.10	178.90	4689.82	-3975.92	-484.14	0.84	3967.83	156805.02	2115050.97	
8536.00	89.30	179.00	4691.15	-4070.90	-482.40	0.24	4062.82	156710.04	2115052.71	
8632.00	90.40	179.20	4691.40	-4166.88	-480.89	1.16	4158.82	156614.06	2115054.22	
8727.00	91.30	178.50	4689.99	-4261.85	-478.98	1.20	4253.80	156519.09	2115056.13	
8823.00	90.30	177.40	4688.65	-4357.78	-475.55	1.55	4349.77	156423.16	2115059.56	
8918.00	91.20	178.00	4687.41	-4452.69	-471.74	1.14	4444.73	156328.25	2115063.37	
9008.00	90.36	178.66	4686.19	-4542.65	-469.11	1.19	4534.72	156238.29	2115066.00	330 Hardline intercept

Calmena Energy Services

Company: Shell Exploration and Production Company
 Well: Harris Farms 3407 #8-2H
 Location: Harper County, Kansas Sect8-34S-7W

Date: 10-Oct-2012
 Surveys
 Page 5
 Job# : 6718

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
9014.00	90.30	178.70	4686.15	-4548.64	-468.97	1.19	4540.72	156232.30	2115066.14	
9044.00	90.80	178.20	4685.86	-4578.63	-468.16	2.36	4570.71	156202.31	2115066.95	
9095.00	90.80	178.20	4685.15	-4629.60	-466.56	0.00	4621.70	156151.34	2115068.55	Survey Proj. to 9095 MD

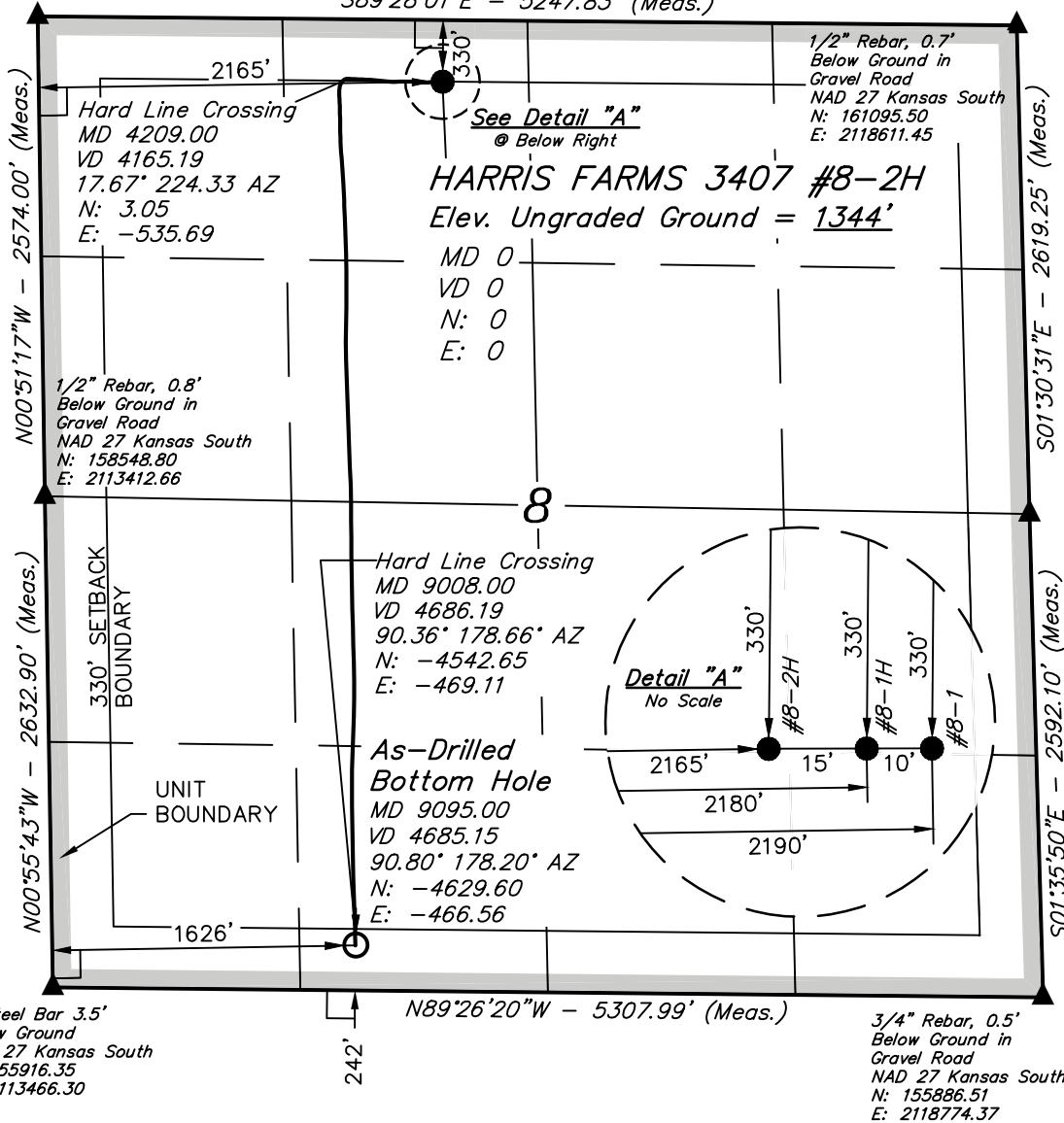
Pvt. Alum Cap,
 LS 1360, 0.5'
 Below Ground
 in Gravel Road
 NAD 27 Kansas South
 N: 161122.42
 E: 2113363.54

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

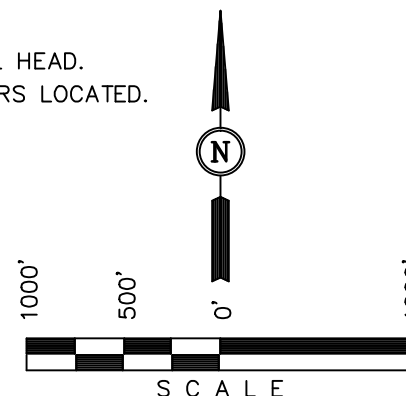
SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 22, T33S, R7W, 6th P.M. TAKEN FROM THE ANTHONY, QUADRANGLE, KANSAS, HARPER COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 1348 FEET.

BASIS OF BEARINGS

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

LEGEND:

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



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.

Robert J. ...
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 1451
 STATE OF KANSAS 21-20-12

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

NAD 83 (#8-2H AS-DRILLED BOTTOM HOLE) LATITUDE = 37°05'41.50" (37.094861) LONGITUDE = 98°06'20.82" (98.105783)	NAD 83 (#8-2H SURFACE LOCATION) LATITUDE = 37°06'27.28" (37.107578) LONGITUDE = 98°06'15.05" (98.104181)
NAD 27 (#8-2H AS-DRILLED BOTTOM HOLE) LATITUDE = 37°05'41.42" (37.094839) LONGITUDE = 98°06'19.59" (98.105442)	NAD 27 (#8-2H SURFACE LOCATION) LATITUDE = 37°06'27.19" (37.107553) LONGITUDE = 98°06'13.82" (98.103839)
STATE PLANE NAD 27 (KANSAS SOUTH) N: 156149.28 E: 2115087.84	STATE PLANE NAD 27 (KANSAS SOUTH) N: 160780.94 E: 2115535.11

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	

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

SHELL GULF OF MEXICO, INC. (34574)

Harris Farms 3407-8

**PETE MARTIN DRILLING (34645)
(SET THE CONDUCTOR)**

	2-H conductor	2-H mouse Hole
Call in DATE OF SPUD	6/19/2012	
spud in date	6/20/2012	6/24/2012
T.D date	6/21/2012	6/24/2012
Size Hole Drilled	26"	20"
Size Casing Set (in O.D)	18"	14"
conductor wall thickness	0.25	0.188
Weight Lbs./Ft.	47.44ppf	27.76
Setting Depth	60'	76'
Type of Cement	1/2 Portland cement	1/2 Portland cement
Cubic yards of cement	5cy.	6cy.
2500 PSI Grout Mix	yes	yes
Type and Percent of Additives	15% Fly ash	15% Fly ash
Comments	0-24-Dirt, 24-36' mud & water, 36' to 60' clay and water to 25'	0-24 Dirt, 24-36 mud & water 36-77' hard clay

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

January 09, 2013

Damonica Pierson
Shell Gulf of Mexico Inc.
150 N DAIRY-ASHFORD (77079)
PO BOX 576 (77001-0576)
HOUSTON, TX 77001-0576

Re: ACO1
API 15-077-21847-01-00
Harris Farms 3407 8-2H
NW/4 Sec.08-34S-07W
Harper County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Damonica Pierson

Summary of Changes

Lease Name and Number: Harris Farms 3407 8-2H

API/Permit #: 15-077-21847-01-00

Doc ID: 1106918

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	07/06/2012	01/10/2013
CasingAdd_Type_PctPDF_1	15 % Fly Ash	Attached
CasingNumbSacksUsedPDF_1	30	Attached
CasingPurposeOfStringPDF_1	Conductor	Attached
CasingSettingDepthPDF_1	60	Attached
CasingSizeCasingSetPDF_1	18	Attached
CasingSizeHoleDrilledPDF_1	26	Attached
CasingTypeOfCementPDF_1	1/2 Portland cement	Attached
CasingWeightPDF_1	47.44	Attached
Completion Or Recompletion Date	06/21/2012	12/28/2012

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Date Reached TD	06/21/2012	10/08/2012
Electric Log Run?	No	Yes
Electric Log Submitted Electronically?		Yes
Elogs_PDF		Triple Combo
Formation Top Source - Log	No	Yes
Liner Run?		Yes
Method Of Completion - Perf	No	Yes
Perf_Depth_1		Attached
Perf_Material_1		Attached
Perf_Record_1	CONDUCTOR ONLY	Attached
Perf_Shots_1		Attached
Producing Formation	CONDUCTOR ONLY	Mississippi
Purchaser's Name	CONDUCTOR ONLY	

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Save Link	../../../../kcc/detail/operatorEditDetail.cfm?docID=1086412	../../../../kcc/detail/operatorEditDetail.cfm?docID=1106918
Spud Or Recompletion Date	06/20/2012	08/29/2012
TopsDepth1		4081
TopsDepth2		4308
TopsDepth3		4339
TopsDepth4		4406
TopsDepth5		4549
TopsDepth6		4864
TopsName1	CONDUCTOR ONLY	Iola
TopsName2		Swope
TopsName3		Hushpuckney
TopsName4		Marmaton
TopsName5		Cherokee

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
TopsName6		Mississippi
Total Depth	60	9095
Tubing Packer At		N/A
Tubing Record - Set At		3733
Tubing Size		2.875

Summary of Attachments

Lease Name and Number: Harris Farms 3407 8-2H

API: 15-077-21847-01-00

Doc ID: 1106918

Correction Number: 1

Attachment Name

HARRIS FARMS 3407 #8-2H Surface cement

HARRIS FARMS 3407 #8-2H Intermediate cement

HARRIS FARMS 3407 #8-2H Liner cement

Harris Farms 3407 #8-2H directional survey

HARRIS FARM 3407 #8-2H - AS-DRILLED Plat

HARRIS FARMS 3407 #8-2H Conductor record

Two Year Confidentiality



CONFIDENTIAL

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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 #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

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: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____