



**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
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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

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: \_\_\_\_\_



1098243

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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:  
 Flowing    Pumping    Gas Lift    Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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 (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Shell Gulf of Mexico Inc.
Well Name	Chain Land 3509 11-1H
Doc ID	1098243

#### Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
1	P-Sleeve @ 9185'	141834 gals fluids, 73298# proppant	9185'
1	P-Sleeve @ 8823'	136920 gals fluids, 72211# proppant	8823'
1	P-Sleeve @ 8418'	160482 gals fluids, 74658# proppant	8418'
1	P-Sleeve @ 8012'	139818 gals fluids, 75535# proppant	8012'
1	P-Sleeve @ 7577'	151410 gals fluids, 73860# proppant	7577'
1	P-Sleeve @ 7197'	115920 gals fluids, 75071# proppant	7197'
1	P-Sleeve @ 6200'	132300 gals fluids, 75619# proppant	6200'
1	P-Sleeve @ 5815'	127974 gals fluids, 75505# proppant	5815'
1	P-Sleeve @ 5303'	124656 gals fluids, 75569# proppant	5303'

Form	ACO1 - Well Completion
Operator	Shell Gulf of Mexico Inc.
Well Name	Chain Land 3509 11-1H
Doc ID	1098243

#### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Tyep and Percent Additives
Conductor	26	18	47.44	60	1/2 Portland Cmt.	42	15 % Fly Ash
Surface	12.25	9.625	36	800	Class C	500	See attached
Intermedia te	8.75	7	23	5164	Class C	755	See attached
Liner	6.125	4.5	11.7	9393	N/A	0	

**SHELL GULF OF MEXICO, INC. (34574)**

**Chain Land 3509 11**

<p><b>PETE MARTIN DRILLING (34645)</b>  <b>(SET THE CONDUCTOR)</b></p>		
	1-H Conductor	1-H Mouse Hole
Call in DATE OF SPUD	5/14/2012	
spud in date	5/16/2012	5/23/2012
T.D date	5/17/2012	5/23/2012
Size Hole Drilled	26"	20"
Size Casing Set (in O.D )	18"	14"
conductor wall thickness	.250	.188
Weight Lbs./Ft.	47.44ppf	27.76
Setting Depth	60'	76'
Type of Cement	type 1/2 portland cement	type 1/2 portland cement
Cubic yards of cement	7cy	5cy
2500 PSI Grout Mix	yes	yes
Type and Percent of Additives	15%flyash	15% fly ash
Comments	0-10'-dirt10'-32' sand/water 32'-60'clay water@8'	0-7' dirt 7'-32' sand 32'-76' clay

# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 06-JUN-12	F.R. # 1001912758	SERV. SUPV. JUAN D MAESTAS
LEASE & WELL NAME CHAIN LAND 3509 #11-1H - API 15077218110000	LOCATION 11-35S-9W		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	Float Shoe 9-5/8 - 8rd						

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
C + Additives		500	14.8	1.35	6.34	02:45	119.89	75.45
Displacement			8.34				58.76	
Water			8.34				20	
Available Mix Water <u>450</u> Bbl.		Available Displ. Fluid <u>500</u> Bbl.		TOTAL		<u>198.64</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		800	8.921	9.625	36	CSG	800	800		835	793	

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.	
17.	18	84		60	60					9.625	8 RND	WATER BASED MU	8.8	

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
58.6	BBLs	Displacement	8.34	327	0	0	0	0	3520	2816	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 2500 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
08:30	0	0	0	0	0	ARRIVED ON LOCATION					
08:35	0	0	0	0	0	HAZARD ASSESMENT WALK AROUND					
08:30	0	0	0	0	0	CIRCULATEING ALREADY					
11:15	0	0	0	0	0	HELD SAFTY MEETING WITH RIG CREW					
11:56	0	0	0	0	0	TEST C 174 PUMP AND LINES TO 2500 PSI					
12:05	230	0	5.5	20	H2O	PUMP FRESHWATER SPACER					
12:09	250	0	5.6	120	CMT	PUMP SLURRY @ 14.8 PPG					
12:36	0	0	0	0	CMT	SHUT DOWN					
12:38	200	0	2	0	H2O	DROP TOP PLUG AND DISPLACE CEMENT TO SURFACE					
12:41	420	0	5	10	H2O	INCREASE RATE					
12:49	330	0	2.8	50	H2O	SLOW RATE					
12:54	500	0	2.8	60	H2O	BUMP TOP PLUG TO 1000 PSI					
12:59	0	0	0	0	H2O	BLEED PRESSURE .5 BBL RTN FLOAT HELD					
	0	0	0	0	H2O	BLEED PRESSURE BBLs RTN FLOAT HELD					

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 type="checkbox"/> Y <input type="checkbox"/> N	400	<input type="checkbox"/> Y <input type="checkbox"/> N	60	199	0	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<i>Juan D Maestas</i>

# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 08-JUL-12	F.R. # 1001920754	SERV. SUPV. GREGORY S WRIGHT
LEASE & WELL NAME CHAIN LAND 3509 #11-1H - API 15077218110000	LOCATION 11-35S-9W		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	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
Sealbond Spacer (w/45lb bag)			8.45				40	
C15:85:8 + 10%bwowNaCl+ .25pps Celloflake+4ppsKo		655	12.4	2.45	13.51	05:33	265	195.35
C50:50:2 + 5%NaCl + 4ppsKolseal+.25ppsCelloflake+.		100	14.2	1.32	5.66	04:48	24	13.76
Fresh water displacement			8.34				201	
fresh water			8.34				5	

Available Mix Water 1000 Bbl. Available Displ. Fluid 700 Bbl. TOTAL 535 209.11

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
8.75		5164	6.366	7	23	CSG	5149	4782	L-80			

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	CSG	800	800			4600	4600	7	8RD	WATER BASED MU	9.4

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	
199.4	BBLS	Fresh water displacem	8.34	1060						3500	Rig Tank

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive on location @ 0330, start to run 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	5899 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
03:30						Arrive on location	
19:00				40	SPACER	rig pumps seal bond spacer	
19:33	5899				WATER	test pumps & lines	
19:35	149		2		WATER	open well/start water spacer	
19:36	301		3	5	WATER	end water spacer/start lead slurry@ 12.4ppg	
21:13	52		3	265	LEAD	end lead slurry/start tail slurry@ 14.2ppg	
21:24	94		3	24	TAIL	end tail slurry/drop TRP/start displacement	
21:33	270		4	40	WATER	bbls pumped when caught cement/slow rate	
22:25	1147		3	193	WATER	bbls pumped/ slow rate to bump	
22:29	1214		2.5	196	WATER	bbls pumped when cement to surface	
22:33	1251		2	201	WATER	bbls pumped/shutdown/ no bump	
22:39	0			-5		check float/ holding/bbls return	
						5 bbls cement return to surface	
						Calculated Top of Tail 4402'	
						top of lead = Surface	
						Thanks for using BHI Pressure Pumping	
						Jonathan Schulz & Crew	

# 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            5899 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
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>
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		Y <input type="checkbox"/> N <input type="checkbox"/>	5	535	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

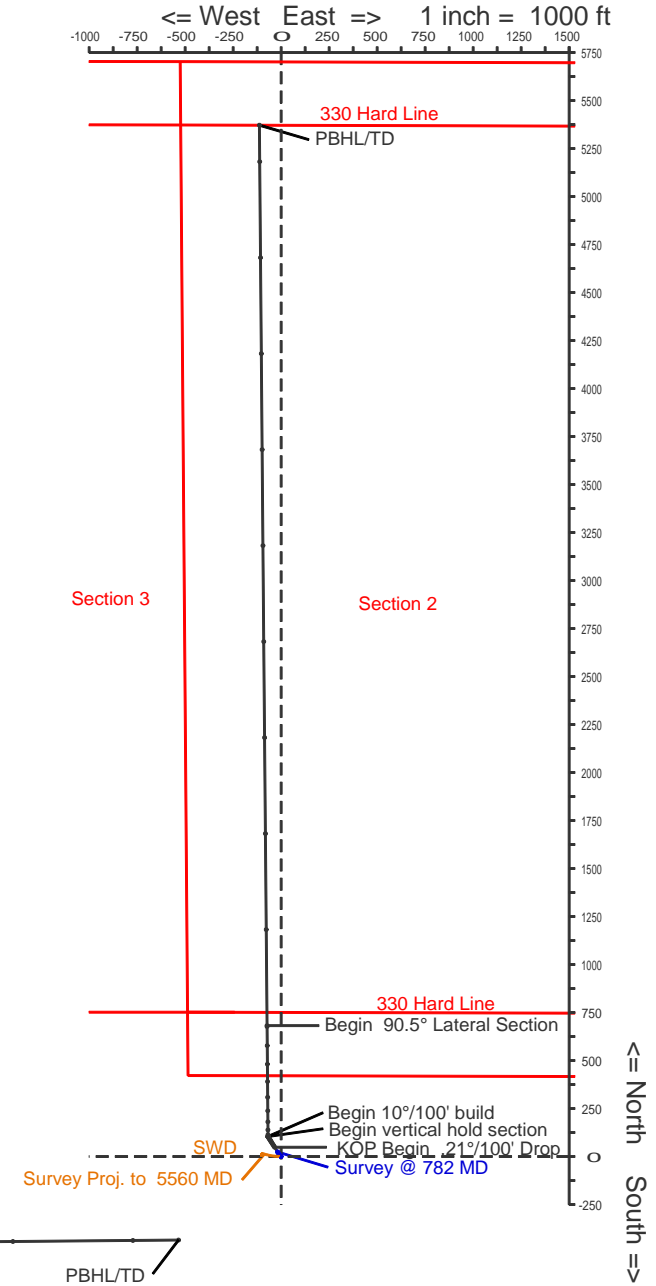
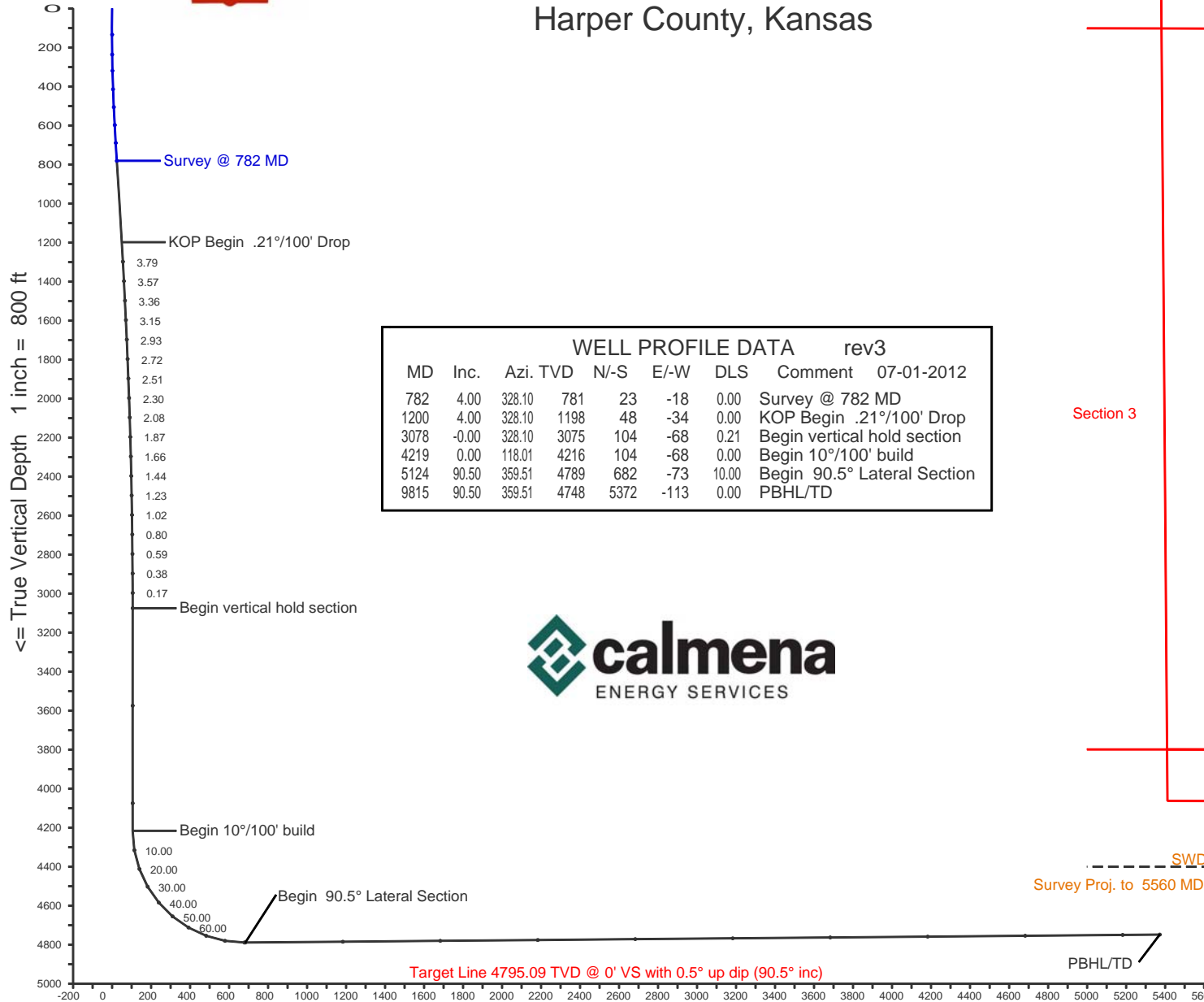




# Shell Exploration and Production Company

Chain Land 3509 #11-1H

Harper County, Kansas



Vertical Section on 358.8 deg azimuth with reference 0.00 N, 0.00 E

## Calmena Energy Services

Company: Shell Exploration and Production Company  
 Well: Chain Land 3509 #11-1H  
 Location: Harper County, Kansas

Date: 1-Jul-2012  
 Rev 3  
 Page 1  
 Job# : 6602

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N/-S (feet)	E/-W (feet)	DLS (deg/100')	VS @ 358.8° Az (feet)	Grid Y	Grid X	Comments
<b>Surface Location</b>								<b>128870.07</b>	<b>2066637.65</b>	
782.00	4.00	328.10	781.12	23.43	-18.24	0.00	23.80	128893.50	2066619.41	Survey @ 782 MD
1200.00	4.00	328.10	1198.11	48.18	-33.65	0.00	48.88	128918.25	2066604.00	KOP Begin .21°/100' Drop
1300.00	3.79	328.10	1297.88	53.95	-37.23	0.21	54.71	128924.02	2066600.42	
1400.00	3.57	328.10	1397.67	59.40	-40.63	0.21	60.23	128929.47	2066597.02	
1500.00	3.36	328.10	1497.49	64.53	-43.82	0.21	65.43	128934.60	2066593.83	
1600.00	3.15	328.10	1597.32	69.35	-46.82	0.21	70.32	128939.42	2066590.83	
1700.00	2.93	328.10	1697.18	73.86	-49.63	0.21	74.88	128943.93	2066588.02	
1800.00	2.72	328.10	1797.06	78.04	-52.23	0.21	79.12	128948.11	2066585.42	
1900.00	2.51	328.10	1896.96	81.92	-54.64	0.21	83.05	128951.99	2066583.01	
2000.00	2.30	328.10	1996.87	85.48	-56.86	0.21	86.65	128955.55	2066580.79	
2100.00	2.08	328.10	2096.80	88.72	-58.88	0.21	89.93	128958.79	2066578.77	
2200.00	1.87	328.10	2196.74	91.65	-60.70	0.21	92.90	128961.72	2066576.95	
2300.00	1.66	328.10	2296.69	94.26	-62.33	0.21	95.55	128964.33	2066575.32	
2400.00	1.44	328.10	2396.65	96.56	-63.76	0.21	97.87	128966.63	2066573.89	
2500.00	1.23	328.10	2496.63	98.54	-64.99	0.21	99.88	128968.61	2066572.66	
2600.00	1.02	328.10	2596.61	100.21	-66.03	0.21	101.57	128970.28	2066571.62	
2700.00	0.80	328.10	2696.59	101.56	-66.87	0.21	102.93	128971.63	2066570.78	
2800.00	0.59	328.10	2796.59	102.59	-67.51	0.21	103.98	128972.66	2066570.14	
2900.00	0.38	328.10	2896.58	103.31	-67.96	0.21	104.71	128973.38	2066569.69	
3000.00	0.17	328.10	2996.58	103.71	-68.21	0.21	105.12	128973.78	2066569.44	
3077.93	0.00	328.10	3074.51	103.81	-68.27	0.21	105.22	128973.88	2066569.38	Begin vertical hold section
3577.93	0.00	328.10	3574.51	103.81	-68.27	0.00	105.22	128973.88	2066569.38	
4077.93	0.00	328.10	4074.51	103.81	-68.27	0.00	105.22	128973.88	2066569.38	
4219.42	0.00	118.01	4216.00	103.81	-68.27	0.00	105.22	128973.88	2066569.38	Begin 10°/100' build
4319.42	10.00	359.51	4315.49	112.51	-68.35	10.00	113.92	128982.58	2066569.30	
4419.42	20.00	359.51	4411.96	138.36	-68.56	10.00	139.77	129008.43	2066569.09	
4519.42	30.00	359.51	4502.48	180.57	-68.92	10.00	181.97	129050.64	2066568.73	
4619.42	40.00	359.51	4584.29	237.85	-69.41	10.00	239.25	129107.92	2066568.24	
4719.42	50.00	359.51	4654.91	308.47	-70.01	10.00	309.87	129178.54	2066567.64	
4819.42	60.00	359.51	4712.20	390.28	-70.70	10.00	391.67	129260.35	2066566.95	

## Calmena Energy Services

Company: Shell Exploration and Production Company  
 Well: Chain Land 3509 #11-1H  
 Location: Harper County, Kansas

Date: 1-Jul-2012  
 Rev 3  
 Page 2  
 Job# : 6602

NAD27 Ks South gr elev=1242 RKB=1269.5

MD (feet)	Inclination (degrees)	Azimuth (degrees)	TVD RKB (feet)	N/-S (feet)	E/-W (feet)	DLS (deg/100')	VS @ 358.8° Az (feet)	Grid Y	Grid X	Comments
4919.42	70.00	359.51	4754.41	480.79	-71.47	10.00	482.18	129350.86	2066566.18	
5019.42	80.00	359.51	4780.25	577.26	-72.29	10.00	578.65	129447.33	2066565.36	
5119.42	90.00	359.51	4788.96	676.75	-73.13	10.00	678.13	129546.82	2066564.52	
5124.40	90.50	359.51	4788.94	681.72	-73.18	10.00	683.11	129551.79	2066564.47	Begin 90.5° Lateral Section
5624.40	90.50	359.51	4784.59	1181.69	-77.42	0.00	1183.05	130051.76	2066560.23	
6124.40	90.50	359.51	4780.25	1681.65	-81.66	0.00	1682.99	130551.72	2066555.99	
6624.40	90.50	359.51	4775.91	2181.61	-85.90	0.00	2182.93	131051.68	2066551.75	
7124.40	90.50	359.51	4771.57	2681.58	-90.14	0.00	2682.88	131551.65	2066547.51	
7624.40	90.50	359.51	4767.22	3181.54	-94.39	0.00	3182.82	132051.61	2066543.26	
8124.40	90.50	359.51	4762.88	3681.50	-98.63	0.00	3682.76	132551.57	2066539.02	
8624.40	90.50	359.51	4758.54	4181.47	-102.87	0.00	4182.70	133051.54	2066534.78	
9124.40	90.50	359.51	4754.20	4681.43	-107.11	0.00	4682.65	133551.50	2066530.54	
9624.40	90.50	359.51	4749.85	5181.39	-111.36	0.00	5182.59	134051.46	2066526.29	
9814.62	90.50	359.51	4748.20	5371.60	-112.97	0.00	5372.79	134241.67	2066524.68	PBHL/TD

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

October 24, 2012

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

Re: ACO1  
API 15-077-21811-01-00  
Chain Land 3509 11-1H  
NW/4 Sec.11-35S-09W  
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

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

October 26, 2012

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

Re: ACO-1  
API 15-077-21811-01-00  
Chain Land 3509 11-1H  
NW/4 Sec.11-35S-09W  
Harper County, Kansas

Dear Damonica Pierson:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 06/05/2012 and the ACO-1 was received on October 24, 2012 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department