CORRECTION #1

Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1157365

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
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: Ralph Rupp
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 #:

03/01/2013	04/13/2013	04/13/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-155-21610-00-00
Spot Description:
NE - NE - NW - NE Sec. 31 Twp. 24 S. R. 8 ☐ East ☑ West
325 Feet from ☑ North / ☐ South Line of Section
1600 Feet from ☑ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW

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

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Reno
Lease Name: Knoche Trust 2408 Well #: 31-1
Field Name: Wildcat
Producing Formation: Mississippi
Elevation: Ground: 1642 Kelly Bushing: 0
Total Vertical Depth: 4982 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 345 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: 0 ppm Fluid volume: 0 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Plumb Thicket Landfill
Lease Name: N/A License #: 99999
Quarter SW Sec. 4 Twp. 31 S. R. 6 ☐ East ☑ West
County: Harper Permit #: KDHE Permit #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

☑ **Confidentiality Requested**
Date: 03/28/2013
☑ **Confidential Release Date:** 03/28/2015
☐ **Wireline Log Received**
☐ **Geologist Report Received**
☑ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 09/06/2013

CORRECTION #1
Page Two

1157365

Operator Name: Shell Gulf of Mexico Inc. Lease Name: Knoche Trust 2408 Well #: 31-1

Sec. 31 Twp. 24 S. R. 8 ☐ East ☑ West County: Reno

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☐ Yes ☑ No

List All E. Logs Run:

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Mississippi	3838	
Kinderhook Shale	3926	
Pre Woodford Unc.	4162	
Viola Limestone	4183	
Simpson Shale	4248	
Arbuckle	4288	

CASING RECORD ☑ New ☐ 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
Conductor	30	18	45	60	Portland Neat	42	0
Surface	12.25	9.625	36	345	Class C	270	2%CaCl2+.25# Celloflk
Intermediate	8.75	7	23	4286	Class C	320	See Attached

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	-			
	-			

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 *(Amount and Kind of Material Used)*	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

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☑ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

CEMENT JOB REPORT

BAKER HUGHES

CUSTOMER	DATE	F.R. #	SERV. SUPV.
SHELL WESTERN E & P INC	06-APR-13	1001977032	Justin D Stamper
LEASE & WELL NAME	**LOCATION**		**COUNTY-PARISH-BLOCK**
KNOCHE TRUST 2408 #31-1 - API 1515521610000	31-24S-8W		Reno Kansas
DISTRICT	**DRILLING CONTRACTOR RIG #**		**TYPE OF JOB**
McAlester			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	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
WATER			8.4				20	
C + 2%CACL2+.25#CELLOFLK		270	14.8	1.35	6.34	02:45	64.74	40.74
WATER			8.34				24	

Available Mix Water 500 **Bbl.** **Available Displ. Fluid** 500 **Bbl.** **TOTAL** 108.74 | 40.74

HOLE SIZE	% EXCESS	DEPTH	TBG-CSG-D.P. ID	OD	WGT.	TYPE	MD	TVD	GRADE	COLLAR DEPTHS SHOE	FLOAT	STAGE
12.25		350	8.921	9.625	36	CSG	350	350	J-55			

LAST CASING ID	OD	WGT	TYPE	MD	TVD	PKR-CMT RET-BR PL-LINER BRAND & TYPE	DEPTH	PERF. DEPTH TOP	BTM	TOP CONN SIZE	THREAD	WELL FLUID TYPE	WGT.
18.	18	47.		60	60					9.625	8RD		

DISPL. VOLUME VOLUME	UOM	DISPL. FLUID TYPE	WGT.	CAL. PSI BUMP PLUG	CAL. MAX PSI TO REV.	OP. MAX SQ. PSI	MAX TBG PSI RATED	Operator	MAX CSG PSI RATED	Operator	MIX WATER
24	BBLS	WATER	8.34	150					2860	1500	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 PIPE	ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
						SAFETY MEETING: BJ CREW [X] CO. REP. [X]
						TEST LINES 3400 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
00:00						ARRIVE ON LOCATION
02:00						SAFETY MEETING
02:34	3400				WATER	TEST LINES, START WATER SPACER
02:40	150		4	20	WATER	FINISH WATER, START SLURRY
02:57	90		4	67	SLURRY	FINISH SLURRY, SHUT DOWN, DROP PLUG AND DISPLACE
03:07	130		3	24	WATER	BUMP PLUG, PRESSURE UP TO 1120 PSI
03:12					WATER	BLEED OFF RECIVED .25 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:
[Y] N	1120	[Y] N	34	111	0	Y [N]	

CEMENT JOB REPORT

CUSTOMER	DATE	F.R. #	SERV. SUPV.
SHELL WESTERN E & P INC	16-APR-13	1001979996	Jonathan M Schulz
LEASE & WELL NAME	**LOCATION**		**COUNTY-PARISH-BLOCK**
KNOCHE TRUST 2408 #31-1 - API 1515521610000	31-24S-8W		Reno Kansas
DISTRICT	**DRILLING CONTRACTOR RIG #**		**TYPE OF JOB**
McAlester			Intermediate

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
	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			8.45				40	
C15:85:8 + 4pps Kolseal+10%Salt+1/4ppsCelloflake +		235	12.4	2.45	13.52	05:45	100	73.77
C50:50:2 +4pps Kolseal+ .15% Fl-52+5%Salt+1/4ppsC		85	14.2	1.32	5.66	04:33	21	12.04
fresh water			8.34				163	
						TOTAL	324	85.81

Available Mix Water 400 **Bbl.** **Available Displ. Fluid** 300 **Bbl.**

HOLE SIZE	% EXCESS	DEPTH	TBG-CSG-D.P. ID	OD	WGT.	TYPE	MD	TVD	GRADE	COLLAR DEPTHS SHOE	FLOAT	STAGE
8.75		4309	6.366	7	23	CSG	4291	4291	L-80			

LAST CASING ID	OD	WGT	TYPE	MD	TVD	PKR-CMT RET-BR PL-LINER BRAND & TYPE	DEPTH	PERF. DEPTH TOP	BTM	TOP CONN SIZE	THREAD	WELL FLUID TYPE	WGT.
8.9	9.625	36	CSG	364	364			4600	4600	7	8RD		

DISPL. VOLUME VOLUME	UOM	DISPL. FLUID TYPE	WGT.	CAL. PSI BUMP PLUG	CAL. MAX PSI TO REV.	OP. MAX SQ. PSI	MAX TBG PSI RATED	Operator	MAX CSG PSI RATED	Operator	MIX WATER
163	BBLS	fresh water	8.34	800						4000	Rig Tank

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: **Arrive on location 1300, Top drive broke down, Running Casing,**

PRESSURE/RATE DETAIL TIME HR:MIN.	PRESSURE - PSI PIPE	ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
						SAFETY MEETING: BJ CREW [X] CO. REP. [X]
						TEST LINES 5200 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
13:00						Arrive on location
00:00				40	SPACER	rig pumps sealbond spacer
00:28	5300				WATER	test pumps & lines
00:33	113		4		LEAD	open well/start lead slurry 12.4ppg
00:57	300		4	100	LEAD	end lead slurry/start tail slurry 14.2ppg
01:04	115		3	21	TAIL	end tail slurry
01:11	96		3		WATER	drop TRP/start displacement
01:30	300		5	60	WATER	catch cement slow rate to 4bpm
01:51	1038		4	150	WATER	bbls pumped slow rate to bump
01:56	1550		3	163	WATER	bump plug/conduct casing test
02:02	1560					end test
02:03	0			-.75		check floats/ holding/ bbls back
						Calculated Top of Lead 874'
						Calculated Top of Tail 3785'
						Thanks for Using BHI Pressure Pumping
						Jonathan Schulz & Crew

BUMPED PLUG Y	N	PSI TO BUMP PLUG	TEST FLOAT EQUIP. Y	N	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT Y	N	SERVICE SUPERVISOR SIGNATURE:
Y		1550	Y		0	324	0		N	

Knoche Trust 2408 31-1 (SWD)

Nabors 102

SHL									Well Information			
1,600' FEL		325' FNL		State Plane NAD 27 (Kansas South)					SITP:	1000 psi	Network #:	30179229
Section 31	T 24	R 8		X	2,075,300.86	Y	458,514.330		FTP:	5000 psi		
County Reno		State Kansas		LAT	37° 55' 32.29"	LONG	98° 14' 20.18"		BHT:	145 °F	API #:	15-155-21610-00-00
BHL									H2S:	No	Lease:	Knoche Trust 2408
1,600' FEL		325' FNL		X	2,075,300.86	Y	458,514.33		CO2:	No	Permit TD:	5088
Section 31	T 24	R 8		LAT	37° 55' 32.29"	LONG	98° 14' 20.18"		Well Life:	25 yrs	RKB | GROUND ELEV.:	31.70' | 1643.0'

Directional	Formation	MD	TVD
	Water Table	**200**	**200**
No dir. work in Surf. Hole			
	Surface Casing point	**345**	**345**
	Hutchinson Salt Top	884	884
	Hutchinson Salt Base	1,277	1,277
	Nolas Limestone	1,400	1,400
	Fort Rileiley	1,579	1,579
	Onaga	2,198	2,198
	Topeka	2,723	2,723
	Heebner B	3,121	3,121
	Lansing-KC Group	3,310	3,310
	Marmaton A	3,589	3,589
	Hushpuckney Shale	3,627	3,627
	Marmaton B	3,699	3,699
	Cherokee Group	3,782	3,782
	Basal Penn. Congl.		
	Top of Mississippi	3,838	3,838
	Northview		
	Compton		
	Kinderhook Shale	3,926	3,926
	Pre Woodford Unc.	4,162	4,162
	Viola Limestone	4,183	4,183
	Simpson		
	Simpson Shale	4,248	4,248
	Arbuckle	**4,288**	**4,288**
	Intermediate Casing point	**4,286**	**4,286**

Uncertainty is "+"or "-" 100'
Goal is to set shoe 20' into Arbuckle

TD will be based on opening up sufficient hole to provide good injection zone. Plan for 800'

TD is 900' below Arbuckle top
Actual TD **4,982**
Permit depth **5,088**

Trip to L/D Mud Motor @ 3700'

Control Drill @ 10fph f/ 3800'

Coring Starts @ 3838'
Top of Miss. Lime
Coring Interval ~90',

Surface Hole

TOC (Surf): Surface

12-1/4" Hole
Top of tail: Surface
Tail 14.8 ppg
100% excess in OH
9-5/8" 36# K55 STC

From	To	Footage
0'	345'	345'

Max. Sfc. Csg. Depth = 784 ft MD ~100 ft above Salt Zone

FIT = 13.5 ppg

Intermediate Hole

TOC at 900'
Lead : 12.4 ppg slurry
30% excess in OH

8-3/4" Hole

Loss Zones seen ~100' below Miss. Lime top at recent offsets wells

Top of tail: 3786 ft MD
Tail 14.8 ppg
30% excess in OH
7" 23# L80 LTC

From	To	Footage
0'	4,286'	4,286'

BHST @ ~140 deg F
FIT 10 ppg

6-1/8" Hole

Mud Program

Fresh Water / Spud Mud
MW: < 9 ppg

Fresh Water
w/ gel sweeps
MW < 9, high Cl

Salt water
w/ gel sweeps
Dilute as required

At 1777' Displace to:
LSND (GelLig WBM)

MW: 8.9 - 9.0 ppg

@ 1st sign of losses
backgound LCM 3-3-3
3 ppb fine +
3 ppb medium +
3 ppb coarse

Drill with saltwater from intermediate section
Follow Mud Plan to deal with expected losses
MW 8.4 ppg

Evaluation

Log Mud Gas to TD
Mud Log
Samples every 40'

Cuttings samples every 20'
Minimum 3 samples / hour

MWD:
GR Only

Mud log
Surf Csg - 100' above Miss
Samples every 40'
100' above Miss - Int Csg
Samples every 20'
Mimimum 3 samples/hr

OH Wireline Logs:
Run #1: Quad Combo, GEMS,FMI (Borehole Image)
Run #2: NMR

Gyro @ Intermediate Csg Point
MWD
No MWD from Arbuckle to TD

Well Engineer: Yermek Tynyshbayev | WE Team Leader: Tyler Smith | Drilling Supt: Mark Nagle / Steve Streamer

	Knoche Trust 2408-31			
Contractor	Pete Martin Drilling			
	SWD CONDUCTOR	SWD MOUSE HOLE	1-H CONDUCTOR	1-H MOUSE HOLE
Call in DATE OF SPUD	3/1/2013		3/4/2013	
spud in date	3/1/2013	3/5/2013	3/4/2013	3/10/2013
T.D date	3/3/2013	3/8/2013	3/5/2013	3/12/2013
Size Hole Drilled	30"	24"	30''	24''
Size Caseing Set (in O.D)	18"	14"	18"	14"
conductor wall thickness	.236	.219	.236	.219
Weight Lbs./Ft.	45lbs	32.26lbs	45lbs	32.26lbs
Setting Depth	60ft	77ft	60'	77'
Type of Cement	Portland Neat	Portland Neat	Portland Neat	Portland Neat
Cubic yards of cement	7cy	9cy	6cy	7cy
2500 PSI Grout Mix	yes	yes	yes	yes
Type and Percent of Additives	0%	0%	0%	0%
Comments formation	sand to 24ft water at 24ft, small amounts of grey clay at 58ft,	0-8ft top soil 8-24ft sand water at 24ft, 24-45ft clay 45-71ft sand 75-76ft red clay	0-8ft topsoil sand the rest of the way to 60ft water at 24ft	0-8ft top soil 8-24ft sand water at 24ft, 24-45ft clay 24-71f sand 71 to 76ft red clay

Summary of Changes

Lease Name and Number: Knoche Trust 2408 31-1

API/Permit #: 15-155-21610-00-00

Doc ID: 1157365

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Amount of Surface Pipe Set and Cemented at	0	345
Approved Date	03/28/2013	09/06/2013
CasingAdd_Type_PctPDF_2		2%CaCl2+.25# Celloflk
CasingAdd_Type_PctPDF_3		See Attached
CasingNumbSacksUsedPDF_2		270
CasingNumbSacksUsedPDF_3		320
CasingPurposeOfStringPDF_2		Surface
CasingPurposeOfStringPDF_3		Intermediate
CasingSettingDepthPDF_2		345
CasingSettingDepthPDF_3		4286

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
CasingSizeCasingSetPDF_2		9.625
CasingSizeCasingSetPDF_3		7
CasingSizeHoleDrilledPDF_2		12.25
CasingSizeHoleDrilledPDF_3		8.75
CasingTypeOfCementPDF_2		Class C
CasingTypeOfCementPDF_3		Class C
CasingWeightPDF_2		36
CasingWeightPDF_3		23
Completion Or Recompletion Date	03/03/2013	04/13/2013
Date Reached TD	03/03/2013	04/13/2013
Formation Top Source - Log	No	Yes
Method Of Completion - Open Hole	No	Yes
Producing Formation	CONDUCTOR ONLY	Mississippi

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Purchaser's Name	CONDUCTOR ONLY	
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1128776	../../kcc/detail/operatorEditDetail.cfm?docID=1157365
TopsDepth1		3838
TopsDepth2		3926
TopsDepth3		4162
TopsDepth4		4183
TopsDepth5		4248
TopsDepth6		4288
TopsName1	CONDUCTOR ONLY	Mississippi
TopsName2		Kinderhook Shale
TopsName3		Pre Woodford Unc.
TopsName4		Viola Limestone
TopsName5		Simpson Shale

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
TopsName6		Arbuckle
Total Depth	60	4982

Summary of Attachments

Lease Name and Number: Knoche Trust 2408 31-1

API: 15-155-21610-00-00

Doc ID: 1157365

Correction Number: 1

Attachment Name

Knoche SWD Surface Casing Cement Report

Knoche SWD Intermediate Casing Cement Report

Knoche SWD Well Bore Diagram

Knoche Conductors

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1128776

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

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: Ralph Rupp
Purchaser: CONDUCTOR ONLY

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [ ] Oil
- [ ] WSW
- [x] 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 #:

03/01/2013	03/03/2013	03/03/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-155-21610-00-00
Spot Description:
NE - NE - NW - NE Sec. 31 Twp. 24 S. R. 8 [ ] East [x] West
325 Feet from [x] North / [ ] South Line of Section
1600 Feet from [x] East / [ ] West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- [x] NE
- [ ] NW
- [ ] SE
- [ ] SW

County: Reno
Lease Name: Knoche Trust 2408 Well #: 31-1
Field Name: Wildcat
Producing Formation: CONDUCTOR ONLY
Elevation: Ground: 1642 Kelly Bushing: 0
Total Depth: 60 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 0 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Plumb Thicket Landfill
Lease Name: N/A License #: 99999
Quarter SW Sec. 4 Twp. 31 S. R. 6 [ ] East [x] West
County: Harper Permit #: KDHE Permit #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

- [x] **Letter of Confidentiality Received**
  Date: 03/28/2013
- [ ] **Confidential Release Date:**
- [ ] **Wireline Log Received**
- [ ] **Geologist Report Received**
- [x] **UIC Distribution**

ALT [x] I [ ] II [ ] III **Approved by:** NAOMI JAMES **Date:** 03/28/2013