

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34455
Name: Glori Holdings Inc.
Address 1: 4315 South Drive
Address 2:
City: Houston State: TX Zip: 77053
Contact Person: James E. Melland, Melland Engineering, Inc.
Phone: (620) 241-4621

CONTRACTOR: License # 33784
Name: Trinidad Drilling LLC
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 #:

9/30/2011 10/03/2011 10/03/2011
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-175-22193 • 00 • 00
Spot Description:
W/2 W/2 W/2 Sec. 22 Twp. 33 S. R. 34 East West
2,672 Feet from North / South Line of Section
390 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Seward
Lease Name: Etzold Unit North Well #: SWD #1
Field Name: Shuck
Producing Formation: Howard & Topeka Limestones
Elevation: Ground: 2874' Kelly Bushing: 2881'
Total Depth: 3900' Plug Back Total Depth: 3735'
Amount of Surface Pipe Set and Cemented at: 1653' 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 #:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: James E. Melland
Title: Consultant Date: 10/30/2011

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Letter of Confidentiality Received
Date:
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: DJG NOV 01 2011
2/15/12

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Operator Name: Glori Holdings Inc. Lease Name: Etzold Unit North Well #: SWD #1
 Sec. 22 Twp. 33 S. R. 34 East West County: Seward

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 checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: DIL, DCP, CBL	<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
Surface	12 3/4"	8 5/8"	24#	1653'	Class A	550	
Production	7 7/8"	4 1/2"	11#	3861'	Class A	100	

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				

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
2 SPF	3655 - 3682	Acid 2500 gal 15% MCA on all perfs	
2 SPF	3690 - 3700		
2 SPF	3712 - 3722		

TUBING RECORD:	Size: <u>2-7/8"</u>	Set At: <u>3560'</u>	Packer At: <u>3560'</u>	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. TBD	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <u>NA</u>
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Estimated Production Per 24 Hours	Oil Bbls. NA	Gas Mcf NA	Water Bbls. NA	Gas-Oil Ratio	Gravity
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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 checked="" 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) _____	PRODUCTION INTERVAL: _____ _____
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Cement Report

Customer: <u>Glori Energy</u>	Lease No.:	Date: <u>10-3-11</u>
Lease: <u>Etzold Unit North SW</u>	Well #: <u>1</u>	Service Receipt: <u>02159</u>
Casing: <u>4 1/2" 10.5"</u>	Depth: <u>3903</u>	County: <u>Sevier</u>
State: <u>KS</u>	Job Type: <u>742-4 1/2" Production</u>	Formation: <u>Production</u>
Legal Description: <u>22-33-34</u>		

Pipe Data		Perforating Data		Cement Data
Casing size: <u>4 1/2" 10.5"</u>	Tubing Size:	Shots/Ft:		Lead: <u>100 sk</u>
Depth: <u>3903'</u>	Depth:	From:	To:	<u>AA2</u>
Volume: <u>1160-661.4 bbl</u>	Volume:	From:	To:	Tail in
Max Press: <u>2000*</u>	Max Press:	From:	To:	
Well Connection: <u>11-3400'</u>	Annulus Vol.:	From:	To:	
Plug Depth: <u>31-42' (3360')</u>	Packer Depth:	From:	To:	

Time	Casing Pressure	Tubing Pressure	Bbbls. Pumped	Rate	Service Log
10:30					on loc. site assessment (start casing)
11:00					start trucks rig up
11:30					cas on bitum break circ. lhr
1:30					sa data meeting / TSA
2:30					pressure test remaining lines 2500'
3:03	200		5	4	run 5 bbl H ₂ O spacer
3:02	200		12	4	run 12 bbl surf flush (500 gal)
3:04	200		5	4	run 5 bbl 4-8 spacer
3:05	200		26.9	5	mix + dump 100% sk AA2 w/ 5% H ₂ O
					10% salt, 6% 1-15 X# Nitroam, 5% Gell
					@14.8 ppm, 1.51 g/gal, 6.64 gal/sk
3:15	0		0	6	dump disc, disp cas
3:25	500		50	2	slow rate, lost 10 bbl of disp
3:30	1200		66.5	0	land disc, float hold
					job complete

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Service Units	<u>34726</u>	<u>3800-10000</u>	<u>19507-19506</u>		
Driver Names	<u>A. Rivera</u>	<u>Z. Martinez</u>	<u>T. Ortiz</u>		

S. White Customer Representative J. Bennett Station Manager A. Rivera Cementer

