

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1065606

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 # 30102
 Name: Christenson, Robert dba C & S Oil
 Address 1: PO BOX 41
 Address 2: _____
 City: NEOSHO FALLS State: KS Zip: 66758 + 0041
 Contact Person: Robert Christenson
 Phone: (620) 963-2342
 CONTRACTOR: License # 33900
 Name: Leis, Steven A.
 Wellsite Geologist: none
 Purchaser: Pacer energy Marketing

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 #: _____

8/18/2011	8/19/2011	8/19/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-207-27767-00-00
 Spot Description: _____
SW NW SW SW Sec. 26 Twp. 23 S. R. 16 ☒ East ☐ West
735 Feet from ☐ North / ☒ South Line of Section
5155 Feet from ☒ East / ☐ West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☒ SE ☐ SW
 County: Woodson
 Lease Name: Yoho Well #: 13
 Field Name: Vernon
 Producing Formation: mississippi
 Elevation: Ground: 1050 Kelly Bushing: 1055
 Total Depth: 1450 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at: 40 Feet
 Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
 If yes, show depth set: _____ Feet
 If Alternate II completion, cement circulated from: 1440
 feet depth to: 0 w/ 153 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 80 bbls
 Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Robert Christenson dba C & S Oil
 Lease Name: Reinhard Krohn License #: 30102
 Quarter SW Sec. 3 Twp. 24 S. R. 17 ☒ East ☐ West
 County: Woodson Permit #: D30293

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: Deanna Garrison Date: 11/21/2011



1065606

Operator Name: Christenson, Robert dba C & S Oil Lease Name: Yoho Well #: 13
 Sec. 26 Twp. 23 S. R. 16 ☒ East ☐ West County: Woodson

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 type="checkbox"/> Yes <input checked="" 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 mississippi
---	--

CASING RECORD <input checked="" 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	10	8.625	20	40	Portland	10	
production	6.75	4.50	11.60	1440	Quick Set	153	

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 (Amount and Kind of Material Used)	Depth
2	1386-1395		1100 gal 15% HCL
2	1398-1402		

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>1409</u> Packer At: <u> </u>		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>9/08/2011</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u> </u>	
Estimated Production Per 24 Hours	Oil Bbls. <u>1</u>	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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) <u> </u>	PRODUCTION INTERVAL: <u> </u> <u> </u>
---	---	--

Hodown Drilling

Yates Center, KS

Lease Name: Yoho		Spud Date: 8/18/2011		Surface Pipe Size: 8 5/8"		Depth: 42'	TD: 1450
Operator: Robert Christenson		Well #13 Yoho		Bit Diameter: 6 3/4"			
Footage taken	Sample type	Footage taken	Sample type				
0_4	soil	1288_1292	lime				
4_21	clay	1292_1366	shale				
21_158	shale	1366_1450	lime				
158_163	lime					1450 T.D.	
163_175	shale						
175_231	lime						
231_259	shale						
259_296	lime						
296_302	shale						
302_385	lime						
385_391	shale						
391_415	lime						
415_448	shale						
448_458	lime						
458_476	shale						
476_485	lime						
485_491	shale						
491_498	lime						
498_512	shale						
512_544	lime						
544_549	shale						
549_579	lime						
579_584	shale						
584_607	lime						
607_612	shale						
612_634	lime						
634_805	shale						
805_823	lime						
823_832	shale						
832_843	lime						
843_847	shale						
847_851	lime						
851_895	shale						
895_896	lime						
896_902	shale						
902_920	lime						
920_927	shale						
927_930	lime						
930_966	shale						
966_977	lime						
977_1002	shale						
1002_1006	sand						
1006_1024	shale						
1024_1026	cap						
1026_1028	shale						
1028_1031	lime						
1031_1035	oil sand						
1035_1076	shale						
1076_1078	lime						
1078_1090	shale						
1090_1093	lime						
1093_1203	shale						
1203_1207	black shale						
1207_1288	shale						

MC ID # 165290
Shop # 620 437-2661
Cellular # 620 437-7582
Office # 316 685-5908
Office Fax # 316-685-5926
Shop Address: 3613A Y Road
Madison, KS 66860

Hurricane Services, Inc.
P.O. Box 782228
Wichita, KS 67278-2228

Cement, Acid or Tools
Service Ticket
4662

DATE 8-19-11

COUNTY Woodson CITY _____

CHARGE TO C.S Oil

ADDRESS _____ CITY _____ ST _____ ZIP _____

LEASE & WELL NO. Yoho #13 CONTRACTOR Steve Leis

KIND OF JOB LongString SEC. 26 TWP. 23s RNG. 16E

DIR. TO LOC. _____ OLD ☐ NEW ☒

Quantity	MATERIAL USED	Serv. Charge	
			750.00
153 sks	QuickSet cement		2524.50
765 lbs	KOL-SEAL 5#P/SK		344.25
400 lbs	Gel - Flush Ahead		100.00
4 Hrs	water Transport		400.00
4 Hrs	water Truck		320.00
	mileage on Trk #290		45.00
9.12 Tons	BULK TRK. MILES		300.96
30	PUMP TRK. MILES		90.00
	Rental on wireline		50.00
1	PLUGS 4 1/2" Top Rubber		38.00
		7.3% SALES TAX	219.49
		TOTAL	5182.20

T.D. 1450'

SIZE HOLE 6 3/4"

MAX. PRESS. _____

PLUG DEPTH _____

PLUG USED _____

CSG. SET AT 1440' VOLUME 22.3 Bbls.

TBG SET AT _____ VOLUME _____

SIZE PIPE 4 1/2" - 11.6 lb.

PKER DEPTH _____

TIME FINISHED _____

REMARKS: Rig up to 4 1/2" casing. Break circulation with 5 Bbls water, 20 Bbls Gel Flush, Solubased with 20 Bbls water, Pumped 12 Bbls Dye water Ahead, Mixed 153 sks. QuickSet cement w/ 5# KOL-SEAL. Shut down - washout Pump & Lines - Release Plug - Displace Plug with 22 1/4 Bbls water. Final Pumping at 650 PSI - Pumped Plug to 1100 PSI - Release Pressure - Float Held close casing w/ OPI. Good cement returns with 5 Bbls slurry

EQUIPMENT USED

NAME _____ UNIT NO. _____

Kelly Kimberlin * 201

Brad Butler
HSI REP.

NAME _____ UNIT NO. _____

Jerry #202, Mark #101, Rodgers #141-152

Witnessed by Bob
OWNER'S REP.