



KANSAS CORPORATION COMMISSION 1078808
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 # 30102
Name: Christenson, Robert dba C & S Oil
Address 1: 1607 Main
Address 2:
City: NEOSHO FALLS State: KS Zip: 66758 +
Contact Person: Robert Christenson
Phone: (620) 365-0919
CONTRACTOR: License # 33900
Name: Leis, Steven A.
Wellsite Geologist: none
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 #:
11/28/2011 11/30/2011 11/30/2011
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-207-27989-00-00
Spot Description:
NE NW SW Sec. 26 Twp. 23 S. R. 16 East West
2565 Feet from North / South Line of Section
4650 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Woodson
Lease Name: Yoho Well #: 20
Field Name:
Producing Formation: mississippi
Elevation: Ground: 1031 Kelly Bushing: 1036
Total Depth: 1419 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: 1410
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: 50 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Robert Christenson dba C & S Oil
Lease Name: Yoho License #: 30102
Quarter NW Sec. 26 Twp. 23 S. R. 16 East West
County: Woodson Permit #: D-30968

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 Cantor Date: 04/16/2012



1078808

Operator Name: Christenson, Robert dba C & S Oil Lease Name: Yoho Well #: 20
 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
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CASING RECORD <input type="checkbox"/> New <input checked="" 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	18	40	Portland	10	
production	6.75	4.50	10.50	1410	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	1351.0 to 1358.0	1100 gal 15% HCL	
2	1363.0 to 1373.0		

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

Date of First, Resumed Production, SWD or ENHR: 12/27/2011
 Producing Method: Flowing Pumping Gas Lift Other (Explain) _____
 Estimated Production Per 24 Hours: Oil 1 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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Lease Name: Yoho	Spud Date: 11-28-2011	Surface Pipe Size: 8 5/8"	Depth: 42'	TD: 1446
Operator: C&S Oil	Well #20 Yoho	Bit Diameter: 6 3/4"		
Footage taken	Sample type			
0_5	soil			
5_12	sandstone			
12_132	shale			
132_203	lime			
203_214	shale			
214_231	lime			
231_255	shale			
255_437	lime			
437_486	shale			
486_598	lime			
598_797	shale			
797_808	lime			
808_871	shale			
871_881	lime			
881_907	shale			
907_911	lime			
911_921	shale			
921_924	lime			
924_937	shale			
937_940	lime			
940_942	shale			
942_944	lime			
944_949	shale			
949_951	lime			
951_956	shale			
956_966	broken sand, some odor			
966_993	shale			
993_994	lime			
994_998	shale			
998_999	lime			
999_1000	sand free oi			
1000_1008	shale odor			
1008_1062	shale			
1062_1066	black shale			
1066_1250	shale			
1250_1258	lime			
1258_1307	shale			
1307_1310	black shale			
1310_1315	shale			
1315_1325	black shale			
1325_1333	shale			
1333_1353	lime			
1353_1356	soft lime, no oil			
1356_1357	hard lime			
1357_1360	lime, good oil			
1360_1367	hard lime			
1367_1370	lime, good oil			
1370_1373	hard lime			
1373_1375	lime, good oil			
1375_1419	lime			
T.D.			1419	

FED ID# 48-1214033
 MC ID # 165290
 Shop # 620 437-2661
 Cellular # 620 437-7582
 Office # 316 685-5908
 Office Fax # 316-685-5926
 Shop Address: 3813A Y Road
 Madison, KS 66860

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

Cement, Acid or Tools
 Service Ticket
 4931

DATE 11-30-11

COUNTY Woodson CITY _____

CHARGE TO CAS Oil

ADDRESS _____ CITY _____ ST _____ ZIP _____

LEASE & WELL NO. Yoho #20 CONTRACTOR Steve Leis

KIND OF JOB LongStems SEC. _____ TWP. _____ RNG. _____

DIR. TO LOC. _____ OLD NEW

Quantity	MATERIAL USED	Serv. Charge	
			7,50.00
153 SKS	Quick Set cement		2,524.50
765 lbs	KOL-SEAL 5*PK/SK		344.25
400 lbs	Gel > Flush Ahead		100.00
4 Hrs	water Transport		400.00
4 Hrs	water Truck		320.00
	miles w/ Trk #270		45.00
9.10 Tons	BULK TRK. MILES		300.30
30	PUMP TRK. MILES		90.00
1	PLUGS 4 1/2" Top Rubber Plug		38.00
		7.32 SALES TAX	219.49
		TOTAL	5,131.54

T.D. _____

CSG. SET AT 1410' VOLUME 21 3/4 Bbls

SIZE HOLE 6 3/4"

TBG SET AT _____ VOLUME _____

MAX. PRESS. _____

SIZE PIPE 4 1/2"

PLUG DEPTH _____

PKER DEPTH _____

PLUG USED _____

TIME FINISHED _____

REMARKS: Rig up to 4 1/2" casing, Break circulation w/ 5 Bbls water, 20 Bbl Gel Flush, circulate Gel around to condition hole. Pumped 1/2 Bbl dye water ahead, mixed SKS Quick Set cement w/ 5* KOL-SEAL. Shut down 2 washout Pump & lines - Release Plug - Displace Plug with 21 3/4 Bbls water. Final Pumping @ 700 PSI - Pumped Plug to 1200 PSI - Release Pressure - Float Held close casing to w/ OPSE. Good cement returns w/ 8 PM slurry

EQUIPMENT USED

NAME Kelly Kimberlin UNIT NO. #201
Brad Butler

NAME Jerry #202, Justin #105, Rodger #141 & #151