

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5144
Name: Mull Drilling Company, Inc.
Address 1: 1700 N. Waterfront Pkwy., Bldg. 1200
Address 2: _____
City: Wichita State: KS Zip: 67206 + 6 6 3 7
Contact Person: Steve C. Anderson
Phone: (316) 264-6366
CONTRACTOR: License # _____
Name: _____
Wellsite Geologist: _____
Purchaser: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 Dry Other _____
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:
Operator: Mull Drilling Company, Inc.
Well Name: Drake #3 OWWO
Original Comp. Date: 9/19/97 Original Total Depth: 4459'
 Deepening Re-perf. Conv. to Enhr. Conv. to SWD
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Docket No.: _____
 Dual Completion Docket No.: _____
 Other (SWD or Enhr.?) Docket No.: _____
4/28/10 5/5/10
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 077-30012-06-02
Spot Description: _____
 NW NE SE Sec. 14 Twp. 31 S. R. 9 East West
2310 Feet from North / South Line of Section
990 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Harper
Lease Name: Drake Well #: 3 OWWO
Field Name: Spivey-Grabs-Basil
Producing Formation: Mississippian
Elevation: Ground: 1632 Kelly Bushing: _____
Total Depth: 4459 Plug Back Total Depth: 4450
Amount of Surface Pipe Set and Cemented at: 235 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/ _____ ^{sq. cm.} 100 - Dig - 5/27/10

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 No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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.

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: [Signature]
Title: Sr. Eng. & Prod. Technician Date: 5/25/10
Subscribed and sworn to before me this 25th day of May,
20 10.
Notary Public: [Signature]
Date Commission Expires: _____

JOANN AGUILERA
Notary Public - State of Kansas
My Appt. Expires 6-15-14

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
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MAY 26 2010
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Mull Drilling Company, Inc. Lease Name: Drake Well #: 3 OWWO
 Sec. 14 Twp. 31 S. R. 9 East West County: Harper

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 copy of all Electric Wireline 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 <i>(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
<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
		500 gal 15% NEFE - See attached	
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TUBING RECORD:	Size: <u>2 3/8"</u>	Set At: <u>4357</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CONSERVATION DIVISION WICHITA, KS
Date of First, Resumed Production, SWD or Enhr. <u>5/5/10</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>6</u>	Gas Mcf <u>58</u>	Water Bbls. <u>45</u>	Gas-Oil Ratio	Gravity <u>31.5°</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4397-4407</u>
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Well History

Date	Type	Activity	Remarks	Cost
Drake #3				
04/28/2010	Workover	Fracturing	MIRU Steve's Well Service. TOOH w/rods and pump, tagged bottom w/tbg 8' down. Started pulling tbg (35 jts). SDON.	1,500
04/29/2010	Workover	Frac Cont	Finished pulling tbg. RDMO. CC = \$3,000	1,500
04/30/2010	Workover	Frac Cont	Nicholas Water Truck Service set one frac tank and filled w/fresh water. CC = \$5,000	2,000
05/04/2010	Workover	Frac Cont	RU Basic to perform Profrac LG 2500. Pressure-tested lines to 3351#. Pumped 500 gal 15% NEFE followed by 4500 gal pad. Csg loaded w/114 bbl pumped. Established rate 18.4 BPM @ 1937# w/118 bbl pumped. Stage 1: 2,000 gal w/0.5# pg 16/30 sand, 1700# @ 18.2 BPM, 119 bbl total pumped Stage 2: 2,000 gal w/1# pg 16/30 sand, 1559# @ 18.3 BPM, 168 bbl total pumped Stage 3: 2,000 gal w/2# pg 16/30 sand, 1486# @ 18.2 BPM, 218 bbl total pumped 0.5# sand on bottom w/227 bbl pumped, 18.2 BPM @ 1435# Stage 4: 2,000 gal w/3# pg 16/30 sand, 1174# @ 18.4 BPM, 270 bbl total pumped 1# sand on bottom w/276 bbl pumped, 18.4 BPM @ 1156# Stage 5: 1,386 gal w/3# pg 16/30 resin-coated sand, 1007# @ 18.3 BPM, 324 bbl total pumped Stage 6: 4,450 gal flush, 957# @ 18.5 BPM, 361 bbl pumped 3# 16/30 on bottom w/378 bbl pumped, 18.5 BPM @ 966# 3# 16/30 resin-coated sand on bottom w/432 bbl pumped, 18.4 BPM @ 1110# Job completed w/469 bbl pumped. ISIP 926#, 5 min 472#, 10 min vac. Shut well in. RDMO. DC = \$20,300 MIRU Steve's Well Service. TIH w/tbg, pump and rods. Hung well on and loaded tbg. Note: will start well 05/05 morning. Equipment ran: 18' MA SN @ 4357' 142 jts 2 3/8 tbg Rebuilt 2" x 1 1/2" x 12' RWBC w/4' Farr plunger and 10' sand screen GA (173) 3/4" rods 3/4" x 4', 2' pony rods 1 1/2" x 16' polished rod w/new 6' brass liner CC = \$28,300	3,000
05/05/2010	Workover	Frac Cont	BOP.	0
05/06/2010	Workover	Frac Cont	05/05/10: 0 BO 0 MCF 96 BW 50# CP Production before frac: .35 BO 9 MCF BW	0
05/09/2010	Workover	Frac Cont	05/06/10: 0 BO 0 MCF 96 BW 52# CP 05/07/10: 0 BO 12 MCF 80 BW 52# CP 05/08/10: 3/4 BW 12 MCF 61 BW 52# CP 05/09/10: 1 BO 15 MCF 64 BW 52# CP Production before frac: .35 BO 9 MCF 2 BW	0
05/10/2010	Workover	Frac Cont	1 1/4 BO 16 MCF 65 BW 50# CP Production before frac: .35 BO 9 MCF BW	0
05/11/2010	Workover	Frac Cont	6 BO 25 MCF 24 BW 50# CP Production before frac: 0.35 BO 9 MCF 2 BW	0
05/12/2010	Workover	Frac Cont	4.5 BO 36 MCF 37 BW CP 22# Production before frac: 0.35 BO 9 MCF 2 BW	0

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Well History

Date	Type	Activity	Remarks	Cost
05/13/2010	Workover	Frac Cont	5 BO 37 MCF 31 BW CP 22# Production before frac: 0.35 BO 9 MCF 2 BW	0
05/16/2010	Workover	Frac Cont	05/14/10: 3.5 BO 48 MCF 27 BW 22# CP 05/15/10: 4 BO 48 MCF 30 BW 22# CP 05/16/10: 4 BO 48 MCF 44 BW 22# CP Production before frac: 0.35 BO 9 MCF 2 BW	0
05/17/2010	Workover	Frac Cont	7 BO 48-MCF 30 BW 20# CP Production before frac: 0.35 BO 9 MCF 2 BW	0
05/18/2010	Workover	Frac Cont	5 BO 48 MCF 33 BW 20# CP Production before frac: 0.35 BO 9 MCF 2 BW	0
05/19/2010	Workover	Frac Cont	6 BO 48 MCF 29 BW 20# CP Production before frac: 0.35 BO 9 MCF 2 BW	0
05/20/2010	Workover	Frac Cont	6 BO 58 MCF 45 BW 20# CP Production before frac: 0.35 BO 9 MCF 2 BW FINAL REPORT	0

Begin Date/Time Between '04/01/2010
12:00:00AM' AND '05/21/2010 11:59:00PM'
Morning Report Entity / Name = 'Drake #3'

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