



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1184541
OIL & GAS CONSERVATION DIVISION

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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 #: _____

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: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1184541

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

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 <i>(Amount and Kind of Material Used)</i>	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: <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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Mustang Energy Corporation
Well Name	Dechant Unit 1
Doc ID	1184541

Tops

Name	Top	Datum
Anhydrite	1473	+766
B-Anhydrite	1507	+732
Heebner	3734	-1495
LKC	3782	-1543
BKC	4102	-1863
Pawnee	4212	-1973
FT Scott	4295	-2056
Cherokee	4318	-2079
Mississippian	4381	-2142

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

7665

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No.

Date	12-12-13	Sec.	1	Twp.	20	Range	22	County	Ness	State	KS	On Location		Finish	11:45PM
------	----------	------	---	------	----	-------	----	--------	------	-------	----	-------------	--	--------	---------

Location *Bazine 85 to 50 Rd, 1/2w, Nn 2*

Lease	<i>Dechant unit</i>	Well No.		Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	<i>Discovery #3</i>			Charge To	<i>Mustang Energy Corp.</i>
Type Job	<i>long string</i>			Street	
Hole Size	<i>7 7/8</i>	T.D.	<i>4389</i>	City	
Csg.	<i>4 1/2</i>	Depth	<i>4390.7</i>	State	
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Tool		Depth		Cement Amount Ordered	<i>180sx com 10% salt 5% gilsonite</i>
Cement Left in Csg.		Shoe Joint	<i>44.14</i>		
Meas Line		Displace	<i>69.11 bbl</i>		

EQUIPMENT

Pumptrk	<i>5</i>	No.	Cementer		Common	<i>180</i>
			Helper	<i>Lonnie W</i>	Poz. Mix	
Bulktrk	<i>14</i>	No.	Driver		Gel.	
			Driver	<i>Billy</i>	Calcium	
Bulktrk	<i>PU</i>	No.	Driver		Hulls	
			Driver	<i>Travis</i>	Salt	<i>16</i>

JOB SERVICES & REMARKS

Remarks:		Flowseal	
Rat Hole	<i>30sx</i>	Kol-Seal	<i>900#</i>
Mouse Hole	<i>20sx</i>	Mud CLR 48	<i>500gal</i>
Centralizers	<i>1,2,3,4,6,7</i>	CFL-117 or CD110 CAF	<i>38</i>
Baskets	<i>5,66</i>	Sand	
DNV Port Collar	<i>at 1461 - #66</i>	Handling	<i>205</i>
<i>Pipe on bottom broke circulation. Pumped 500gal mud CLR 48 with 10 bbl fw behind it. Plugged Rat hole with 30sx and Mouse hole with 15sx. Hooked to 4 1/2 Mixed 130sx com 10% salt 5% gilsonite shut down washed pump and lines. Realsed plug and displaced with 69.11 bbl fw. Plug landed and held</i>		Mileage	
		FLOAT EQUIPMENT	
		Guide Shoe	<i>4 1/2</i>
		Centralizer	<i>5</i>
		Baskets	<i>2</i>
		AFU Inserts	
		Float Shoe	<i>1</i>
		Latch Down	<i>1</i>

Lift pressure 800 psi

Plug landed at 1300 psi

Pumptrk Charge	<i>prod Long String</i>	Tax	
Mileage	<i>20</i>	Discount	
Signature	<i>Red Be</i>	Total Charge	

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 7027

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12-4-13	1	20	22	Ness	KS		9:45 PM

Location Bazine 85 1/2 W Ninto

Lease <u>Dechant</u>	Well No. <u>1</u>	Owner <u>Mustang Energy</u>
Contractor <u>Discovery #7</u>	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Type Job <u>Surface</u>	Charge To <u>Mustang Energy</u>	
Hole Size <u>12 1/4</u>	T.D. <u>219'</u>	Street
Csg. <u>8 5/8</u>	Depth <u>219'</u>	City
Tbg. Size	Depth	State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg. <u>20'</u>	Shoe Joint	Cement Amount Ordered <u>150 com 3% cc 2% Gel</u>
Meas Line	Displace <u>12 3/4 bbl</u>	

EQUIPMENT

Pumptrk <u>15</u> No. <u>Cementer</u>	Helper <u>Nick</u>	Common <u>150</u>
Bulktrk <u>14</u> No. <u>Driver</u>	<u>Chad</u>	Poz. Mix
Bulktrk <u>PU</u> No. <u>Driver</u>	<u>Brett</u>	Gel. <u>3</u>
		Calcium <u>5</u>

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling <u>158</u>
	Mileage

FLOAT EQUIPMENT

<u>Cement</u>	Guide Shoe
<u>Circulated</u>	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Pumptrk Charge Surface
Mileage 20

X Signature <u>John Jacob</u>	Tax
	Discount
	Total Charge

JOB LOG

SWIFT Services, Inc.

DATE 1-7-14 PAGE NO.

CUSTOMER Mustang Energy WELL NO. 1 LEASE Dechant Unit JOB TYPE Port Collar TICKET NO. 25264

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1245							on location
								locate Port Collar 1545'
	1420				✓		1000	Pressure test hold
		3			✓		700	open Port Collar Injection Rate
	1435	4		✓			700	Start Cement
			14	✓				Get Circulation
		4	100	✓			600	Circulate Cement
			105	✓			600	Bring up weight to 14.5#/gal
			5					Start Displacement
	1510						1000	Close Port Collar Pressure test Run 6 joints
	1515	4	20	✓			500	Reverse out Clean 2 flags
	1530							Wash up Rack up
								mixed 200 sks SMD Circulated 20 sks to Pit
	1615							Job complete Thank You Josh, Brian, Craig



CHARGE TO: Mustang Energy
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 25264
 PAGE 1 OF 1

1. SERVICE LOCATIONS: Heysks WELL/PROJECT NO. 1 LEASE Dechant Unit COUNTY/PARISH Ness STATE Ks CITY
 2. Ness City Ks TICKET TYPE SERVICE CONTRACTOR Dechant Unit RIG NAME/NO. Ness SHIPPED VIA ct DELIVERED TO Location DATE 1-7-14 OWNER
 3. WELL TYPE Dsl WELL CATEGORY Development JOB PURPOSE Port collar WELL PERMIT NO. Barone Ks, 85, 2w N1120 ORDER NO.
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LOC	ACCT	DF	DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
575		1			MILEAGE # 112	25	mi			6.00	150.00
5760		1			Pump Charge Port collar	1	ea			1500.00	1500.00
290		1			D Air	2	gal			42.00	84.00
330		2			Swift Multi-Density	200	SKS			18.50	3700.00
276		2			Fluocel	SD 1165				2.50	125.00
581		2			Service Charge (Leant)	225	SKS			2.00	450.00
583		2			Drayage	280	TR			1.00	280.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 X DATE SIGNED 1-7-14 TIME SIGNED 1230 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 WE UNDERSTOOD AND MET YOUR NEEDS?
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
 ARE YOU SATISFIED WITH OUR SERVICE?
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 6289.00
 TAX 16.15%
 TOTAL 6529.40

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR Josh Baul APPROVAL Robert B
 Thank You!

Geological Report

Mustang Energy Corporation

Dechant Unit #1

330' FSL & 2540' FEL

Sec. 1 T20s R22w

Ness County, Kansas



Mustang Energy Corporation

General Data

Well Data: Mustang Energy Corporation
Dechant Unit #1
330' FSL & 2540' FEL
Sec. 1 T20s R22w
Ness County, Kansas
API # 15-135-25697-0000

Drilling Contractor: Discovery Drilling Co. Inc. Rig #3

Geologist: Jason T Alm

Spud Date: December 4, 2013

Completion Date: December 12, 2013

Elevation: 2231' Ground Level
2239' Kelly Bushing

Directions: Bazine KS, at the intersection of Hwy 96 and
Austin St. South 8 mi. to 50 Rd. West ½ mi. North
into location.

Casing: 218' 8 5/8" surface casing
4389' 4 1/2" production casing

Samples: 10' wet and dry, 3900' to RTD

Drilling Time: 3600' to RTD

Electric Logs: Nabors Wireline "Ian Mabb"
RAG

Drillstem Tests: Three, Trilobite Testing, Inc. "Tim Phillips,
Brannan Lonsdale"

Problems: None

Remarks: None

Formation Tops

Formation	Mustang Energy Corporation Dechant Unit #1 Sec. 1 T20s R22w 330' FSL & 2540' FEL
Anhydrite	1473', +766
Base	1507', +732
Heebner	3734', -1495
Lansing	3782', -1543
BKc	4102', -1863
Pawnee	4212', -1973
Fort Scott	4295', -2056
Cherokee	4318', -2079
Mississippian	4381', -2142
LTD	4390', -2151
RTD	4389', -2150

Sample Zone Descriptions

Fort Scott (4295', -2056): **Covered in DST #1**
 Ls – Fine crystalline with poor to fair inter-crystalline porosity, light to fair oil stain and spotted saturation, fair show of free oil, light odor, good yellow fluorscents.

Mississippian Osage (4381', -2142): **Covered in DST #2,3**
 Dolo – Δ – Fine sucrosic crystalline with poor to fair inter-crystalline and slightly vuggy porosity, very heavy triptolic chert, weathered with good vuggy porosity, light to good oil stain with scattered saturation, good show of free oil, good odor, bright yellow spotted fluorescents.

Drill Stem Tests
Trilobite Testing, Inc.
"Tim Phillips, Brannan Lonsdale"

DST #1 **Fort Scott**
Interval (4296' – 4315') Anchor Length 19'
IHP – 2174 #
IFP – 30" – Built to 3 in. 17-18 #
ISI – 30" – Dead 147 #
FFP – 30" – Built to 5 in. 16-19 #
FSI – 30" – Dead 137 #
FHP – 2127 #
BHT – 107°F

Recovery: 50' GIP
 15' SOCM 10% Oil

DST #2 **Mississippian Osage**
Interval (4337' – 4383') Anchor Length 46'
IHP – 2187 #
IFP – 45" – Built to 8 in. 21-40 #
ISI – 60" – Dead 1323 #
FFP – 45" – Built to 8 ¼ in. 38-58 #
FSI – 60" – Built to ½ in. 1313 #
FHP – 2140 #
BHT – 111°F

Recovery: 93' GIP
 60' CO
 30' SOCM 10% Oil

DST #3 **Mississippian Osage**
Interval (4383' – 4389') Anchor Length 6'
IHP – 2210 #
IFP – 30" – Built to 2 in. 22-21 #
ISI – 30" – Dead 1233 #
FFP – 30" – Built to 1 in. 23-23 #
FSI – 30" – Dead 506 #
FHP – 2167 #
BHT – 107°F

Recovery: 5' CO
 20' Mud

Structural Comparison

Formation	Mustang Energy Corporation		Dreiling LTD		Vincent Oil Corp.	
	Dechant Unit #1	Dechant #1	Dechant #1	O'Brien #2	Dechant #1	O'Brien #2
	Sec. 1 T20s R22w	Sec. 1 T20s R22w	Sec. 1 T20s R22w	Sec. 12 T20s R22w	Sec. 12 T20s R22w	Sec. 12 T20s R22w
	330' FSL & 2540' FEL	330' FSL & 2000' FEL	330' FSL & 2000' FEL	4722' FSL & 3198' FEL	4722' FSL & 3198' FEL	4722' FSL & 3198' FEL
Anhydrite	1473', +766	1460', +769	(-3)	1479', +765	(+1)	
Base	1507', +732	1494', +735	(-3)	1514', +730	(+2)	
Heebner	3734', -1495	3723', -1494	(-1)	3735', -1491	(-4)	
Lansing	3782', -1543	3769', -1540	(-3)	3781', -1537	(-6)	
BKc	4102', -1863	NA	NA	NA	NA	
Pawnee	4212', -1973	4198', -1969	(-4)	NA	NA	
Fort Scott	4295', -2056	4280', -2051	(-5)	4300', -2056	FL	
Cherokee	4318', -2079	4304', -2075	(-4)	4322', -2078	(-1)	
Mississippian	4381', -2142	4367', -2038	(-4)	4389', -2145	(+3)	

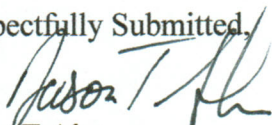
Summary

The location for the Dechant Unit #1 was found via 3-D seismic survey. The new well ran slightly lower structurally than expected via the survey. Three drill stem tests were conducted, one of which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 4 ½ in. production casing to further evaluate the Dechant Unit #1 well.

Recommended Perforations

Mississippian Osage: (4381' – 4389') DST #2,3

Respectfully Submitted,



Jason T Alm
Hard Rock Consulting, Inc.