

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

OPERATOR: License # 33922

Name: Mustang Energy Corporation

Address 1: PO Box 1121

Address 2:

City: Hays State: KS Zip: 67601 +

Contact Person: Rodney Brin

Phone: (785) 623-0533

CONTRACTOR: License # 31548

Name: Discovery Drilling Co., Inc.

Wellsite Geologist: Herb Deines

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 #:

2/21/2012 2/27/2012 2/28/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 063-21,961-00-00

Spot Description:

NW SW NE NE Sec. 35 Twp. 14 S. R. 29 ☐ East ☒ West

730 Feet from ☒ North / ☐ South Line of Section

1,310 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☒ NE ☐ NW ☐ SE ☐ SW

County: Gove

Lease Name: Briggs Well #: 1

Field Name: Wildcat

Producing Formation: None

Elevation: Ground: 2575 Kelly Bushing: 2583

Total Depth: 4350 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 221 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: 14,000 ppm Fluid volume: 400 bbls

Dewatering method used: Evaporation

Location of fluid disposal if hauled offsite:

Operator Name:

Lease Name: License #:

Quarter Sec. Twp. S. R. ☒ West

County: Permit #:

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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 82-3-106, 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: Rodney Brin

Title: Owner

Date: 4/4/2012

KCC Office Use ONLY

☒ Letter of Confidentiality Received
Date: 4-4-12 to 4-4-13

☐ Confidential Release Date:

☒ Wireline Log Received

☒ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☒ II ☐ III Approved by: NJ Date: 4-10-12

Operator Name: Mustang Energy Corporation Lease Name: Briggs Well #: 1
 Sec. 35 Twp. 14 S. R. 29 ☐ East ☒ West County: Gove

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 (Attach Additional Sheets)	☒ Yes ☐ No	☒ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes ☒ No	Name	Top	Datum
Cores Taken	☐ Yes ☒ No	Anhydrite	2017	+566
Electric Log Run	☒ Yes ☐ No	Heebner	3662	-1079
Electric Log Submitted Electronically (If no, Submit Copy)	☒ Yes ☐ No	LKC	3699	-1116
		BKC	4015	-1432
List All E. Logs Run:		Pawnee	4122	-1539
Micro, Dual Induction, Compensated Neutron Density		Ft. Scott	4196	-1613
		Mississippi	4306	-1723

CASING RECORD ☒ New ☐ 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 Pipe	12-1/4	8-5/8	23	221	Common	150	2%Gel&3%CC

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

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:		METHOD OF COMPLETION:		PRODUCTION INTERVAL:	
☐ Vented	☐ Sold	☐ Open Hole	☐ Perf.	☐ Dually Comp.	☐ Commingled
(If vented, Submit ACO-18.)		(Submit ACO-5)		(Submit ACO-4)	
		☐ Other (Specify) _____		CONFIDENTIAL	
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QUALITY OILWELL CEMENTING, INC.

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

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

No. 633

Date <u>2-28-12</u>	Sec. <u>35</u>	Twp. <u>14</u>	Range <u>29</u>	County <u>Gove</u>	State <u>KS</u>	On Location	Finish <u>2:15 p.m.</u>
Lease <u>Briggs</u>	Well No. <u>1</u>			Location <u>Gove 103 Winto</u>			

Contractor <u>Discover/ #1</u>	Owner
Type Job <u>Rotary Plug</u>	To Quality Oilwell Cementing, Inc.
Hole Size <u>7 7/8</u>	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Csg. <u>4350</u>	Charge To <u>Mustang Energy</u>
Tbg. Size	Street
Tool	City State
Cement Left in Csg.	The above was done to satisfaction and supervision of owner agent or contractor.
Meas Line	Cement Amount Ordered <u>220 6/40 4 1/2 bbl</u>

EQUIPMENT

Pumptrk <u>5</u> No.	Cementer <u>10.9</u>	Common
Bulktrk No.	Driver <u>BPTT</u>	Poz. Mix
Bulktrk <u>14</u> No.	Driver <u>BPTT</u>	Gel.
	Driver <u>BPTT</u>	Calcium

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole <u>30SK</u>	Salt
Mouse Hole <u>15SK</u>	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
<u>1st</u> <u>2030</u> <u>255K</u>	Sand
<u>2nd</u> <u>1000</u> <u>100SK</u>	Handling
<u>3rd</u> <u>270</u> <u>40SK</u>	Mileage
<u>4th</u> <u>40</u> <u>10SK</u>	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	<u>8 5/8 wooden Plug</u>
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	
Mileage	

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X Signature [Signature]

Tax
Discount
Total Charge

QUALITY OILWELL CEMENTING, INC.

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

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

No. 591

Date		2-21-12	Sec.	35	Twp.	14	Range	29	County	Gove	State	Ks	On Location		Finish	5:00 PM										
Lease		Briggs			Well No.		#1		Location							Gove, Ks - 10 S, W 1 S										
Contractor									Discovery #1							Owner										
Type Job									Surface							To Quality Oilwell Cementing, Inc.										
Hole Size									12 1/4"							T.D.				221'						
Csg.									8 5/8"							Depth							221'			
Tbg. Size																Depth										
Tool																Depth										
Cement Left in Csg.									15'							Shoe Joint							15'			
Meas Line																Displace							13 BLS			
EQUIPMENT																2% Gel										
Pumptrk		5		No.		Cementer		Craig		Helper		Common		150												
Bulktrk		14		No.		Driver		Brian		Driver		Poz. Mix														
Bulktrk		pu.		No.		Driver		Rick		Driver		Gel.		3												
JOB SERVICES & REMARKS																Calcium				5						
Remarks																Cement did				Circulate.						
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				158						
																Mileage										
																FLOAT EQUIPMENT										
																Guide Shoe										
																Centralizer										
																Baskets										
																AFU Inserts										
																Float Shoe				RECEIVED						
																Latch Down				APR 06 2012						
																				KCC WICHITA						
																Pumptrk Charge				Surface						
																Mileage				39						
																CONFIDENTIAL				Tax						
																APR 11 4 2013				Discount						
																KCC				Total Charge						
X Signature																Coffman										



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mustang Energy Corporation

PO Box 1121
Hays, KS 67601

ATTN: Herb Deines

35-14s-29w Gove, KS

Briggs #1

Job Ticket: 44959

DST#: 2

Test Start: 2012.02.27 @ 03:43:15

GENERAL INFORMATION:

Formation: k-l

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:17:00

Time Test Ended: 07:41:45

Test Type: Conventional Straddle (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 3936.00 ft (KB) To 4014.00 ft (KB) (TVD)

Total Depth: 4350.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2583.00 ft (KB)

2576.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6667

Inside

Press@RunDepth: psig @ 3937.00 ft (KB)

Start Date: 2012.02.27

End Date:

2012.02.27

Start Time: 03:43:15

End Time:

07:41:45

Capacity: 8000.00 psig

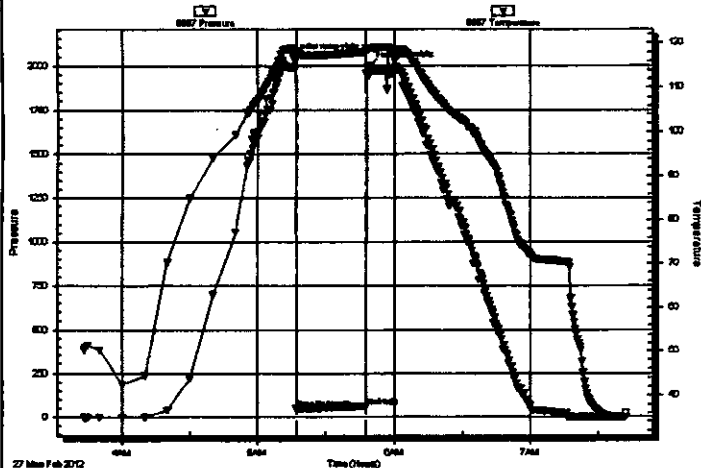
Last Calib.: 2012.02.27

Time On Btm: 2012.02.27 @ 05:15:45

Time Off Btm: 2012.02.27 @ 05:49:15

TEST COMMENT: 1/4 inch blow
pulled test after initial blow.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2044.59	118.70	Initial Hydro-static
2	49.15	118.02	Open To Flow (1)
32	61.49	118.03	Shut-In(1)
34	1995.74	118.82	Final Hydro-static

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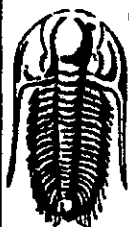
Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM 5%oil 90%M	0.04

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mustang Energy Corporation

PO Box 1121
Hays, KS 67601

ATTN: Herb Deines

35-14s-29w Gove, KS

Briggs #1

Job Ticket: 44958

DST#: 1

Test Start: 2012.02.25 @ 19:45:15

GENERAL INFORMATION:

Formation: I & J

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:26:15

Time Test Ended: 02:26:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane McBride

Unit No: 55

Interval: 3880.00 ft (KB) To 3940.00 ft (KB) (TVD)

Total Depth: 3940.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2583.00 ft (KB)

2576.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6771

Inside

Press@RunDepth: 152.59 psig @ 3881.00 ft (KB)

Start Date: 2012.02.25

End Date:

2012.02.26

Start Time: 19:45:15

End Time:

02:26:00

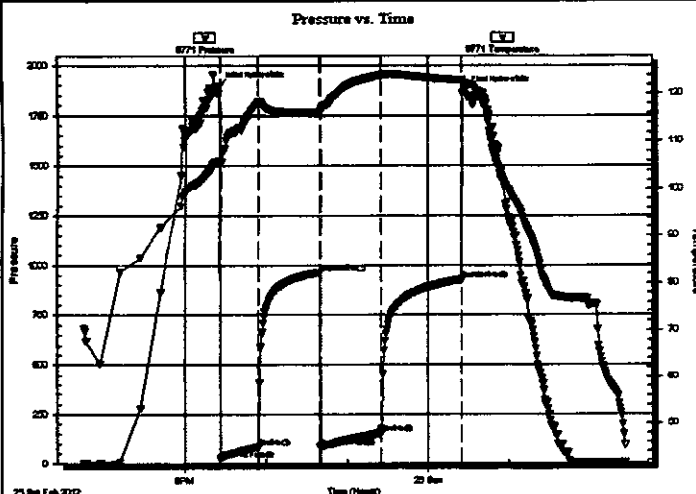
Capacity: 8000.00 psig

Last Calib.: 2012.02.29

Time On Btm: 2012.02.25 @ 21:25:30

Time Off Btm: 2012.02.26 @ 00:27:00

TEST COMMENT: 7 inch blow
no return
6 inch blow
no return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1894.95	105.94	Initial Hydro-static
1	22.01	105.69	Open To Flow (1)
30	83.78	118.38	Shut-In(1)
75	966.56	116.22	End Shut-In(1)
75	84.50	116.11	Open To Flow (2)
120	152.59	123.83	Shut-In(2)
180	929.53	122.92	End Shut-In(2)
182	1873.21	122.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	SMCW 10%M 70%W	2.32
60.00	MCW 30%M 70%W	0.84
45.00	OCM 70%M 30%W	0.63

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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