



KANSAS CORPORATION COMMISSION 1105489
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 # 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 # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Herb Deines
Purchaser: Coffeyville

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 #:

10/15/2012	10/19/2012	11/20/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-065-23874-00-00

Spot Description:
SE NW NW NE Sec. 11 Twp. 10 S. R. 21 East West
4931 Feet from North / South Line of Section
2074 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Graham

Lease Name: DeYoung Well #: 3

Field Name: Copper

Producing Formation: Lower Arbuckle

Elevation: Ground: 2262 Kelly Bushing: 2267

Total Depth: 4104 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 208 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: Feet

If Alternate II completion, cement circulated from: 3990

feet depth to: 0 w/ 620 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 18000 ppm Fluid volume: 300 bbls

Dewatering method used: Evaporated

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

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: 01/04/2013



1105489

Operator Name: Mustang Energy Corporation Lease Name: DeYoung Well #: 3
 Sec. 11 Twp. 10 S. R. 21 East West County: Graham

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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Micro Log, Dual Induction, Compensated Neutron Density	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1744</td> <td>+523</td> </tr> <tr> <td>Base</td> <td>1780</td> <td>+487</td> </tr> <tr> <td>Heebner</td> <td>3478</td> <td>-1211</td> </tr> <tr> <td>LKC</td> <td>3519</td> <td>-1252</td> </tr> <tr> <td>BKC</td> <td>3745</td> <td>-1478</td> </tr> <tr> <td>Arbuckle</td> <td>3821</td> <td>-1554</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1744	+523	Base	1780	+487	Heebner	3478	-1211	LKC	3519	-1252	BKC	3745	-1478	Arbuckle	3821	-1554
Name	Top	Datum																				
Anhydrite	1744	+523																				
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Arbuckle	3821	-1554																				

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	12.25	8.625	23	208	common	150	3% cc,2%gel
Production	7.875	5.5	15.5	3989	QMDC	620	10% salt,5%Gilsonite

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: <u>2.875</u> Set At: <u>3948</u> Packer At: <u>3948</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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 checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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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. 6128

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-20-12	11	10	21	Geary	KS		11:00 A.M.

Location Wells 3 & 4 rd 30 to 390 1/2 S Winto

Lease De Long Well No. 3 Owner

Contractor WW 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 Production string Charge To Mustang Energy

Hole Size 2 7/8 T.D. 3990 Street

Csg. 5/2 13.5 SF Depth 3989 City State

Tbg. Size Depth The above was done to satisfaction and supervision of owner agent or contractor.

Tool Depth

Cement Left in Csg. ~~42.48~~ Shoe Joint ~~42.48~~ Cement Amount Ordered 450 QMDC 4750

Meas Line 42.48 Displace 948 150ccm 10% salt 5% Gilsonte 50 gal mud clear

EQUIPMENT Common 150

Pumptrk 16 No. Cementer Long Helper Travis Port Mix 450 QMDC

Bulktrk 13 No. Driver Long Driver Heath Gel.

Bulktrk 14 No. Driver Heath Calcium

JOB SERVICES & REMARKS Hulls

Remarks: Salt 13

Rat Hole 305K Flowseal 112#

Mouse Hole Kol-Seal 750#

Centralizers Mud CLR 48 500 gal

Baskets CFL-117 or CD110 CAF 38

D/V or Port Collar Sand

5/2 500 @ 3989 - Insert @ 3946.52 Handling 620

Est Circulation Pump 50 gal mud clear Mileage

10BL Spacer Plug Rathole with 30SK **FLOAT EQUIPMENT**

Tie on to 5/2 500 @ 4205.17 Guide Shoe

150 SK 10% salt + 5% Gilsonte - Clear lines Centralizer 10 Turbulizers

Displace Plug - Plug loc'd @ 200' Baskets 3

Release Pressure Dry. How 1000' AFU Inserts

1st Pressure. Float Shoe 1

Cement Circulated. Latch Down 1

[Signature] (Rotator)

Pumptrk Charge Prod Long string

Mileage 45

Signature [Signature] Tax

Discount

Total Charge

OPERATOR

Company: MUSTANG ENERGY CORPORATION
 Address: PO BOX 1121
 HAYS, KANSAS 67601

Contact Geologist: ROD BRIN
 Contact Phone Nbr: 785-628-3660
 Well Name: DEYOUNG # 3
 Location: E2 NW NW NE Sec.11-10s-21w API: 15-065-23,874-00-00
 Pool: IN FIELD Field: COOPER
 State: KANSAS Country: USA

Scale 1:240 Imperial

Well Name: DEYOUNG # 3
 Surface Location: E2 NW NW NE Sec.11-10s-21w
 Bottom Location:
 API: 15-065-23,874-00-00
 License Number: 33922
 Spud Date: 10/15/2012 Time: 8:00 AM
 Region: GRAHAM COUNTY
 Drilling Completed: 10/19/2012 Time: 4:40 PM
 Surface Coordinates: 330' FNL & 2120' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 2262.00ft
 K.B. Elevation: 2267.00ft
 Logged Interval: 3200.00ft To: 3990.00ft
 Total Depth: 3990.00ft
 Formation: ARBUCKLE
 Drilling Fluid Type: CHEMICAL/FRESH WATER GEL

SURFACE CO-ORDINATES

Well Type: Vertical Latitude:
 Longitude:
 N/S Co-ord: 330' FNL
 E/W Co-ord: 2120' FEL

LOGGED BY

Company: SOLUTIONS CONSULTING
 Address: 108 W 35TH
 HAYS, KS 67601

Phone Nbr: (785) 639-1337
 Logged By: Geologist Name: HERB DEINES

CONTRACTOR

Contractor: WW DRILLING, LLC
 Rig #: 6
 Rig Type: MUD ROTARY
 Spud Date: 10/15/2012 Time: 8:00 AM
 TD Date: 10/19/2012 Time: 4:40 PM
 Rig Release: 10/20/2012 Time: 9:00 AM

ELEVATIONS

K.B. Elevation: 2267.00ft Ground Elevation: 2262.00ft
 K.B. to Ground: 5.00ft

NOTES

DECISION TO DEEPEN WELL TO 3990' AFTER EVALUATING RESULTS OF DST # 1.

OPEN HOLE LOGGING BY SUPERIOR WELL SERVICES: DUAL INDUCTION LOG, DUAL COMPENSATED NEUTRON/DENSITY LOG AND MICRO LOG.

DRILL STEM TESTING BY TRILOBITE TESTING INC. - 1 CONVENTIONAL DST

FORMATION TOPS SUMMARY AND CHRONOLOGY OF DAILY ACTIVITY

DEYOUNG # 3

330' FNL & 2120' FEL, NE/4

Sec. 11-10s-21w

2262' GL 2267' KB

<u>FORMATION</u>	<u>SAMPLE TOPS</u>	<u>LOG TOPS</u>
Anhydrite	1745+ 522	1744+ 523
B-Anhydrite	1781+ 486	1780+ 487
Topeka	3270-1003	3270-1003
Heebner Shale	3480-1213	3478-1211
Toronto	3505-1238	3503-1236
LKC	3519-1252	3519-1252
BKC	3745-1478	3745-1478
Arbuckle	3822-1555	3821-1554
RTD	3990-1723	
LTD		3990-1723

SUMMARY OF DAILY ACTIVITY

10-15-12 Spud, set 8 5/8" surface casing to 208' w/ 150 sxs Common, 2%gel, 3%CC, Plug down 12:00PM, kick off 8:00PM, WOC 8 hrs

10-16-12 1602', drilling


10-17-12 2690', drilling, displace at 2900'

10-18-12 3500', drilling, short trip, trip out for DST # 1 3782'-3827' Arbuckle

10-19-12 3827', finish DST # 1, RTD 3990', mini short trip, CCH, logs

10-20-12 3990', lay down drill pipe, run 5 1/2" production casing, rig down

DST # 1 TEST SUMMARY

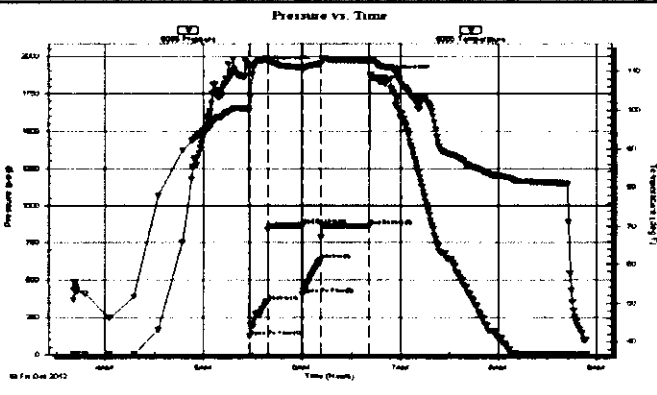
	DRILL STEM TEST REPORT	
	Mustang Energy Corp Box 1211 Hays KS 67601 ATTN: Rod Brin	11 10s 21w Graham DeYoung #3 Job Ticket: 48668 DST#: 1 Test Start: 2012.10.19 @ 03:40:23

GENERAL INFORMATION:

Formation: Arbuckle	Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock ft (KB)	Tester: Paul Simpson
Time Tool Opened: 05:28:08	Unit No: 58
Time Test Ended: 08:53:38	Reference Elevations: 2260.00 ft (KB)
Interval: 3782.00 ft (KB) To 3825.00 ft (KB) (TVD)	2255.00 ft (CF)
Total Depth: 3825.00 ft (KB) (TVD)	KB to GR/CF: 5.00 ft
Hole Diameter: 7.88 inches Hole Condition: Good	

Serial #: 8355 Outside	Capacity: 8000.00 psig
Press@RunDepth: 631.37 psig @ 3818.00 ft (KB)	Last Calib.: 2012.10.19
Start Date: 2012.10.19 End Date: 2012.10.19	Time On Btm: 2012.10.19 @ 05:27:38
Start Time: 03:40:28 End Time: 08:53:37	Time Off Btm: 2012.10.19 @ 06:41:23

TEST COMMENT: IF 10 strong blow bottom of bucket in 2 minutes
 IS- 30no blow
 FF-10 strong blow bottom of bucket in 90 seconds
 FSI- 30 no blow



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1937.68	100.46	Initial Hydro-static
1	122.52	99.97	Open To Flow (1)
12	358.26	112.98	Shut-In(1)
33	872.49	110.90	End Shut-In(1)
33	408.13	110.80	Open To Flow (2)
44	631.37	111.87	Shut-In(2)
74	869.47	112.61	End Shut-In(2)
74	1870.27	112.99	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
720.00	emulsified oil water and mud 5% E&O	89.01
700.00	emulsified oil and water 5% E 95% w	9.82
0.00	Rw .42 @ 46 = 28000	0.00

Gas Rates		
Choke (inches)	Pressure (psig)	Gas Rate (McBbl)

TriLOBITE Testing, Inc

Ref. No: 48668

Printed: 2012.10.19 @ 12:10:46

DST # 1 EXPANDED CHART

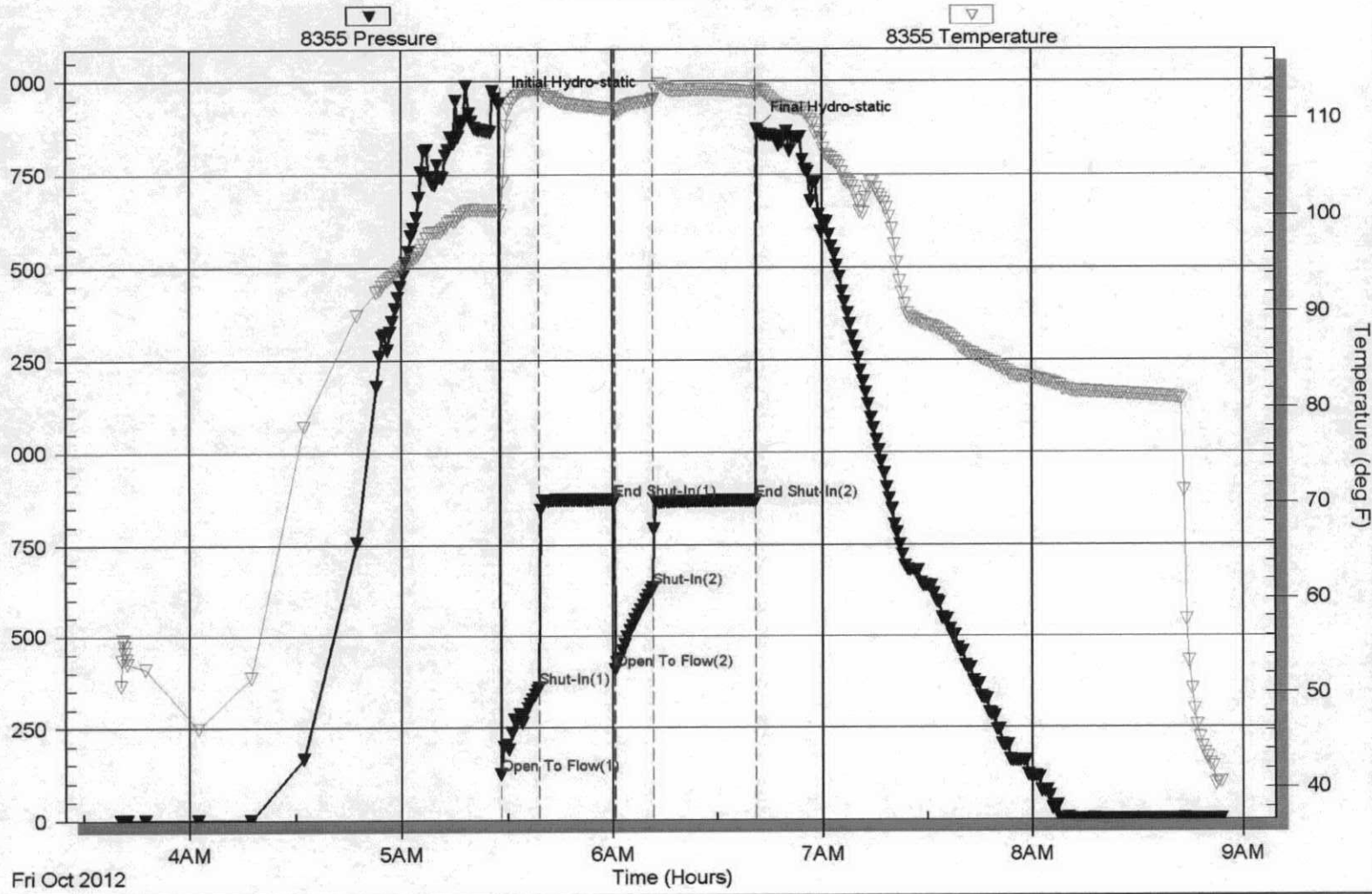
TriLOBITE

19

Pressure (psig)

Serial

Pressure vs. Time



Fri Oct 2012

ROCK TYPES

- shale, red
- Shcol
- Dol Lime
- shale, gm
- shale, gry
- Carbon Sh
- Dolprim
- Lmst fw<7
- Lmst fw>7
- Cht vari
- Clystgy
- Chtcong

ACCESSORIES

MINERAL

- Z Nodules
- P Pyrite
- ∴ Varicolored chert
- △ Chert White
- ∕ Euhed rhombs of dol or

FOSSIL

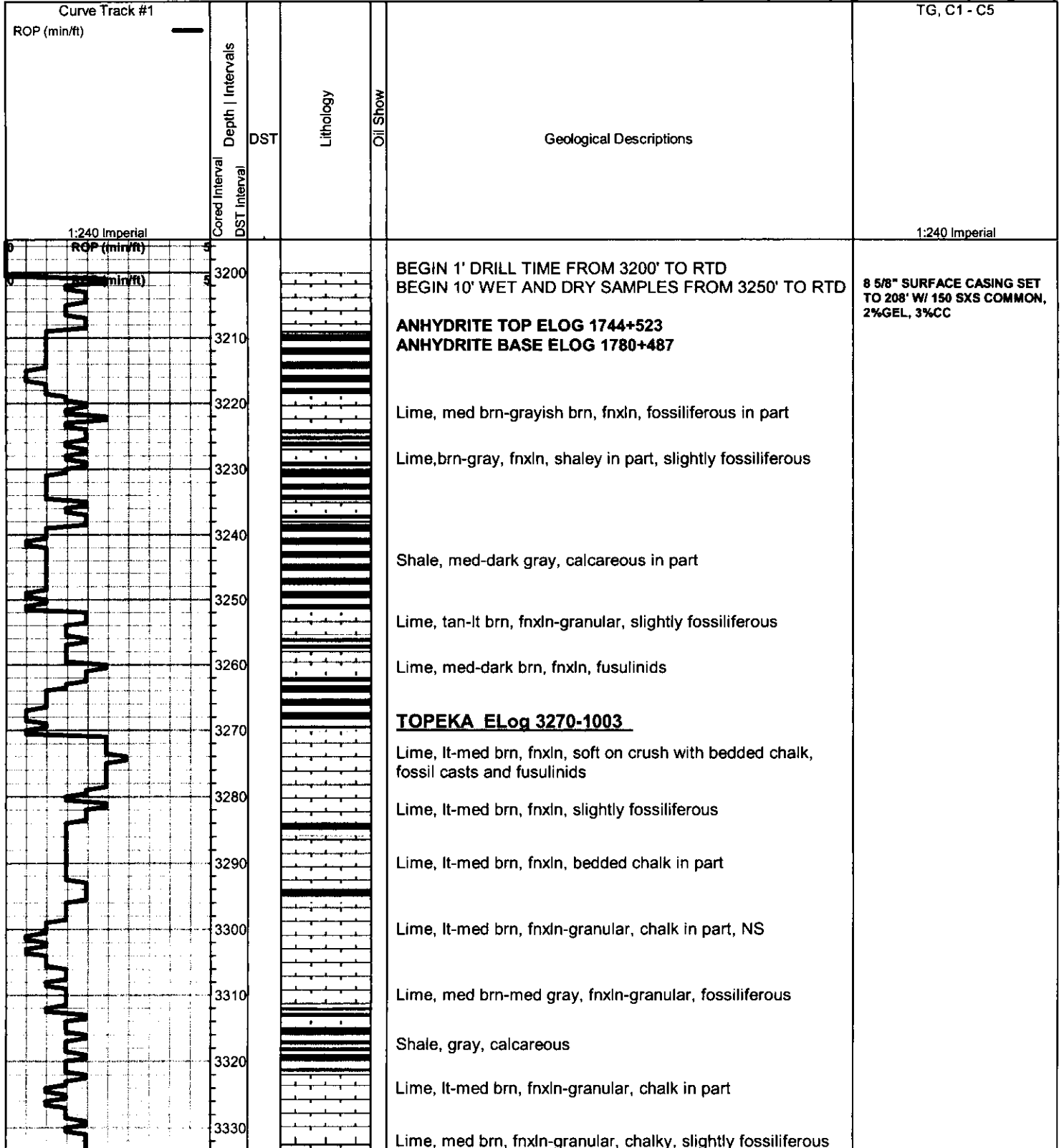
- ◊ Oolite

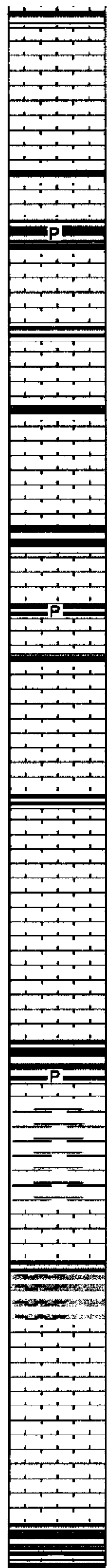
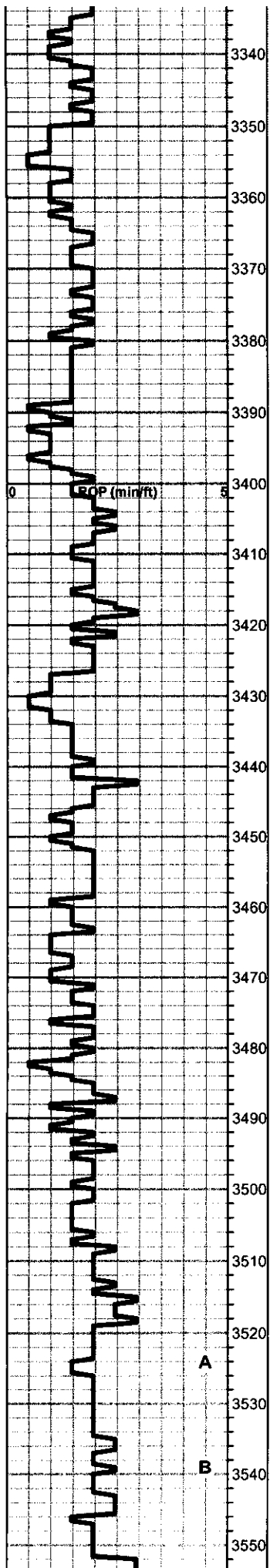
OTHER SYMBOLS

DST

- DST Int
- DST alt
- Core

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)





Lime, med brn, fnxln-granular, fossiliferous

Lime, lt brn-gray, fnxln with sticky clumps of chalk

Lime, lt-med brn, granular
Shale, gray-black carbonaceous

Lime, lt-med brn, fnxln with gray fossil remnants

Lime, crm-tan, fnxln-granular, bedded chalk in part, clean

Lime, crm-tan, fnxln-granular, slight chalk, slightly fossiliferous

Lime, lt-med brn-lt gray, fnxln-granular, slightly chalky

Lime, lt-med brn, fnxln

Lime, crm-lt brn, fnxln, slight chalk in part

Lime, lt-med brn, fnxln-granular , NS

Lime, lt-med brn, fnxln, trace of oil stain in fossiliferous lime

Lime, crm-lt brn, fnxln, bedded chalk in part

Lime, crm-lt brn, fnxln, bedded chalk in part

Lime, lt-med brn, fnxln

HEEBNER SHALE ELog 3478-1211
Shale, black carbonaceous, fissile, blocky
Lime, lt gray-med brn, fn-vfxln

Shale, lt gray-lt grayish green, soft blocky

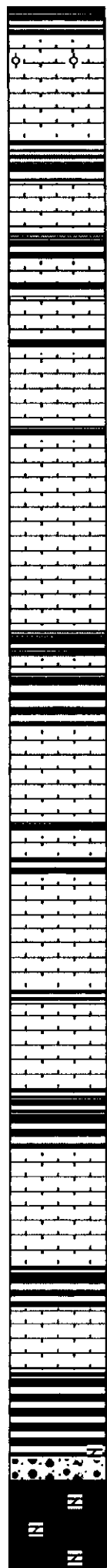
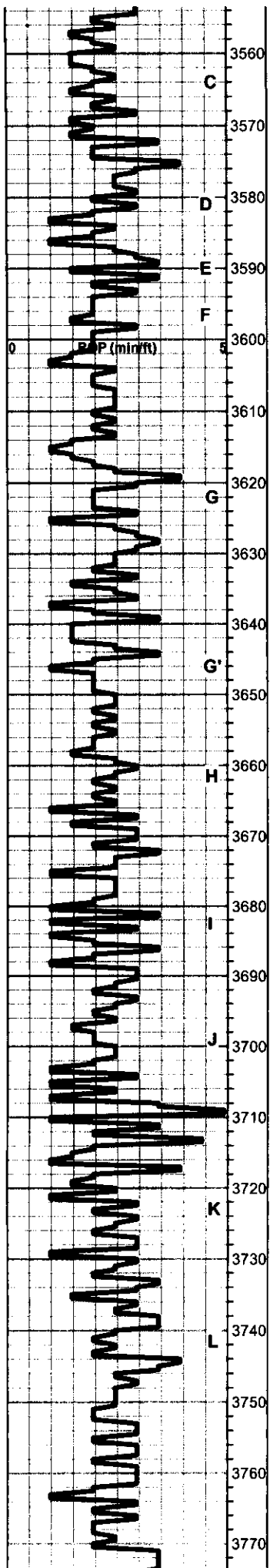
TORONTO ELog 3503-1236
Lime, crm-lt brn, fn-vfxln, hard on crush, slight chalk, NS

Shale, reddish brn

LANSING ELog 3519-1252
Lime, crm, fn-vfxln, bedded chalk , white chert, fresh, sharp, NS

Lime, crm-offwhtie, fn-vfxln, bedded chalk, scattered fossils, NS

Shale, gray-black carbonaceous



Lime, crm, mostly fnxln with few chips oolitic with lt stain and lt odor, NSFO

Lime, crm-med brn, fnxln

Shale, lt-dark gray, soft, blocky

Lime, crm-tan, fnxln, bedded chalk, NS

Lime, lt-med brn, fnxln, fusulinids

Lime, crm-tan, fn-vfxln, bedded chalk, hard on crush

Lime, crm-tan, fn-vfxln, bedded chalk in part, NS

Lime, crm, fn-vfxln, bedded chalk, NS

Lime, white-crm, fnxln-crypto xln

Lime, med-dark brn, vfxln

Shale, lt gray, soft, waxy

Lime, crm-lt brn, fnxln, bedded chalk

Lime, lt-dark brn, fnxln

Lime, lt brn, fnxln-crypto xln

Lime, crm-med brn, fnxln-crypto xln, slight chalk in part

Lime, crm-tan, fnxln with bedded chalk in part few chips with scattered stain, fn interxln porosity, NFO, No Odor

Lime crm-tan, fnxln, carryover chips with trace of oil staining

Shale, med-dark gray-black carbonaceous
Shale, med-dark gray, soft

Lime, crm, fnxln, zone of fine vuggy porosity, lt odor, NFO

Lime, crm-tan, fnxln

Shale, lt-dark gray-black carbonaceous, soft

Lime, crm-tan, fnxln, slight fossil content, bedded chalk, NS

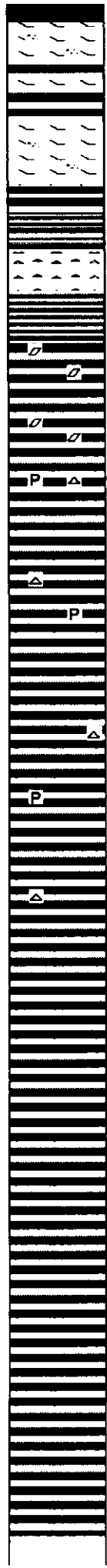
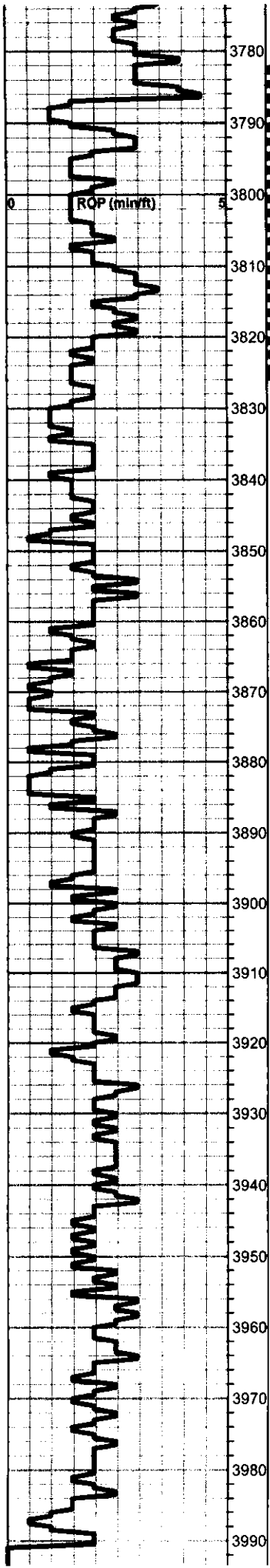
BKC ELog 3745-1478

Shaale, reddish brn, soft blocky

Shale, reddish brn with chert nodules in part

Shale, reddish brn, red chert nodules

VERY WINDY DAY WHICH WHIPPED GEOLOGRAPH LINE CAUSING ERRATIC DRILL TIME THROUGHOUT THE DAY AND EVENING



- Lime, tan-lt brn, fnxln, cherty with orange chips of chert
- Shale, reddish brn, blocky
- Lime, tan-brn, fnxln
- Shale, reddish brn-brn, blocky
- Shales vari color with vari colored cherts
- ARBUCKLE ELog 3821-1554**
- Dolomite, lt brn, fn-cxln, inter xln and vuggy porosity, saturated stain, good odor with SFO
- Dolomite, white-lt brn, fn-cxln, rhombic crystal development, fair odor and SFO
- Dolomite, white-lt brn, fn-cxln, fair odor, SFO, saturated stain
- Chert, bone white, sharp, fresh
- Dolomite, white-lt brn-reddish brn, fn-cxln, decreasing odor, scattered chips of pale green waxy shale
- Dolomite, crm-lt brn, fnxln, increasing xln pyrite
- P Dolomite, crm-lt brn, no staining, scattered gilsonite in part
- Dolomite, crm-lt brn, fn-cxln, no stain, increase in quartz and pyrite crystal growth
- △ Dolomite, crm-tan, fn-cxln, quartz and pyrite crystal growth
- P Dolomite, crm-tan, fn-cxln
- △ Dolomite crm-tan, fn-cxln
- Dolomite, crm-tan, fn-cxln, hard on crush
- Dolomite, crm-tan, fnxln, very hard, lt chalky wash
- Dolomite, crm-tan, fnxln, lt chalky wash
- Dolomite, crm-lt brn, oolitic in part, fn-cxln
- Dolomite, crm-rosy pink-offwhite in part, fn-cxln
- Dolomite, crm-red-lt brn, fnxln
- Dolomite, tan, fnxln, lt chalky wash
- Dolomite, tan, fnxln, lt chalky wash

RTD 3990-1723 LTD 3990-1723

DST # 1 3782' TO 3837' SEE
HEADER FOR TEST
SUMMARY

RAN 5 1/2" PRODUCTION
CASING.

QUALITY OILWELL CEMENTING, INC.

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

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

No. 6077

Date 10-15-12	Sec. 11	Twp. 10	Range 21	County Osage	State KS	On Location	Finish 12:00pm
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Location **Dale S to YRD W to 390 1/2 S W into**

Lease De Young	Well No. 3	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 W W W Big 6		Charge To Mustang Energy
Type Job Custom		Street
Hole Size 12 1/4	T.D. 108	City
Csg. 556	Depth 208	State
Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Tool	Depth	Cement Amount Ordered 150 3% gel 2% gel
Cement Left in Csg. 20 FT	Shoe Joint 20 FT	
Meas Line	Displace 1/2 BB	

EQUIPMENT

Pumptrk 15	No.	Cementer Pat	Common 150
		Helper Pat	Poz. Mix 3
Bulktrk 1	No.	Driver Rich	Gel. 3
		Driver Rich	Calcium 5
Bulktrk 24	No.	Driver Doug	
		Driver Doug	

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
Cemented Cement	Sand *
	Handling 150
	Mileage

FLOAT EQUIPMENT

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down

Pumptrk Charge SURFACE	
Mileage 45	
	Tax
	Discount
	Total Charge

X Signature