CORRECTION #1

1239514

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
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 # 3062
Name: Questa Energy Corporation
Address 1: PO BOX 50968
Address 2:
City: AMARILLO State: TX Zip: 79159 + 0968
Contact Person: Nita Hunt
Phone: (806) 358-8161
CONTRACTOR: License # 5822
Name: Val Energy, Inc.
Wellsite Geologist: Ian Bosmeijer
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 #:

10/27/2014	11/6/2014	01/04/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-063-22211-00-00
Spot Description:
SE - SW - SW - NW Sec. 36 Twp. 13 S. R. 27 ☐ East ☑ West
2543 Feet from ☑ North / ☐ South Line of Section
567 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)*, Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Gove
Lease Name: Bird Well #: 1-36
Field Name:
Producing Formation: Lansing Kansas City
Elevation: Ground: 2575 Kelly Bushing: 2585
Total Vertical Depth: 4460 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 268 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 2103 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: 2700 ppm Fluid volume: 5200 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
☑ **Confidentiality Requested**
Date: 01/09/2015
☑ **Confidential Release Date:** 01/08/2017
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ **I** ☑ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 01/16/2015

CORRECTION #1 [redacted]
Page Two

1239514

Operator Name: Questa Energy Corporation Lease Name: Bird Well #: 1-36

Sec. 36 Twp. 13 S. R. 27 ☐ East ☑ West County: Gove

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:
Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

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	12.25	8.625	24	268	Common	185	3% CC 2% gel
Production	7.875	5.5	15.5	4460	OWC	160	5# Kelseal

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	2104-	60/40/POZ	500	1/4# Flo-seal, 8% Gel
	-			

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 *(Amount and Kind of Material Used)*	Depth
4	4063-4067	500 gals 15% MCA acid	

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:
	2.375	4350		☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR.
01/07/2015

Producing Method:
☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	79	0	7		35

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:
4063-4067

Form	ACO1 - Well Completion
Operator	Questa Energy Corporation
Well Name	Bird 1-36
Doc ID	1239514

All Electric Logs Run

Dual Induction
Micro Log
Sonic
Density Neutron

Form	ACO1 - Well Completion
Operator	Questa Energy Corporation
Well Name	Bird 1-36
Doc ID	1239514

Tops

Name	Top	Datum
Anhydrite	2066	+519
Heebner	3784	-1199
Lansing	3824	-1239
Base KC	4108	-1469
Marmaton	4122	-1537
Pawnee	4210	-1625
Ft. Scott	4308	-1723
Cherokee	4336	-1751
Mississippian	4406	-1821

Form	ACO1 - Well Completion
Operator	Questa Energy Corporation
Well Name	Bird 1-36
Doc ID	1239514

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	268	Common	185	3% CC 2% gel
Production	7.875	5.5	15.5	4460	OWC	160	5# Kelseal

Summary of Changes

Lease Name and Number: Bird 1-36

API/Permit #: 15-063-22211-00-00

Doc ID: 1239514

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	01/12/2015	01/16/2015
Disposition Of Gas - Vented	Yes	No
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1238157	../../kcc/detail/operatorEditDetail.cfm?docID=1239514

1238157

Confidentiality Requested:
☑ Yes ☐ No

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
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 # 3062
Name: Questa Energy Corporation
Address 1: PO BOX 50968
Address 2:
City: AMARILLO State: TX Zip: 79159 + 0968
Contact Person: Nita Hunt
Phone: (806) 358-8161
CONTRACTOR: License # 5822
Name: Val Energy, Inc.
Wellsite Geologist: Ian Bosmeijer
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 #:

10/27/2014	11/6/2014	01/04/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-063-22211-00-00
Spot Description:
SE - SW - SW - NW Sec. 36 Twp. 13 S. R. 27 ☐ East ☑ West
2543 Feet from ☑ North / ☐ South Line of Section
567 Feet from ☐ East / ☑ West Line of Section

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

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

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Gove
Lease Name: Bird Well #: 1-36
Field Name:
Producing Formation: Lansing Kansas City
Elevation: Ground: 2575 Kelly Bushing: 2585
Total Vertical Depth: 4460 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 268 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 2103 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: 2700 ppm Fluid volume: 5200 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

☑ **Confidentiality Requested**
Date: 01/09/2015
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 01/12/2015

Page Two

Operator Name: Questa Energy Corporation Lease Name: Bird Well #: 1-36

Sec. 36 Twp. 13 S. R. 27 ☐ East ☑ West County: Gove

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Geologist Report / Mud Logs ☐ Yes ☐ No

List All E. Logs Run:
Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

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	12.25	8.625	24	268	Common	185	3% CC 2% gel
Production	7.875	5.5	15.5	4460	OWC	160	5# Kelseal

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	2104-	60/40/POZ	500	1/4# Flo-seal, 8% Gel
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection: 01/07/2015

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	79	0	7		35

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom
4063-4067	

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
4					500 gals 15% MCA acid

TUBING RECORD: Size: 2.375 Set At: 4350 Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Questa Energy Corporation
Well Name	Bird 1-36
Doc ID	1238157

All Electric Logs Run

Dual Induction
Micro Log
Sonic
Density Neutron

Form	ACO1 - Well Completion
Operator	Questa Energy Corporation
Well Name	Bird 1-36
Doc ID	1238157

Tops

Name	Top	Datum
Anhydrite	2066	+519
Heebner	3784	-1199
Lansing	3824	-1239
Base KC	4108	-1469
Marmaton	4122	-1537
Pawnee	4210	-1625
Ft. Scott	4308	-1723
Cherokee	4336	-1751
Mississippian	4406	-1821

Form	ACO1 - Well Completion
Operator	Questa Energy Corporation
Well Name	Bird 1-36
Doc ID	1238157

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	4063-4067	500 gals 15% MCA acid	

Form	ACO1 - Well Completion
Operator	Questa Energy Corporation
Well Name	Bird 1-36
Doc ID	1238157

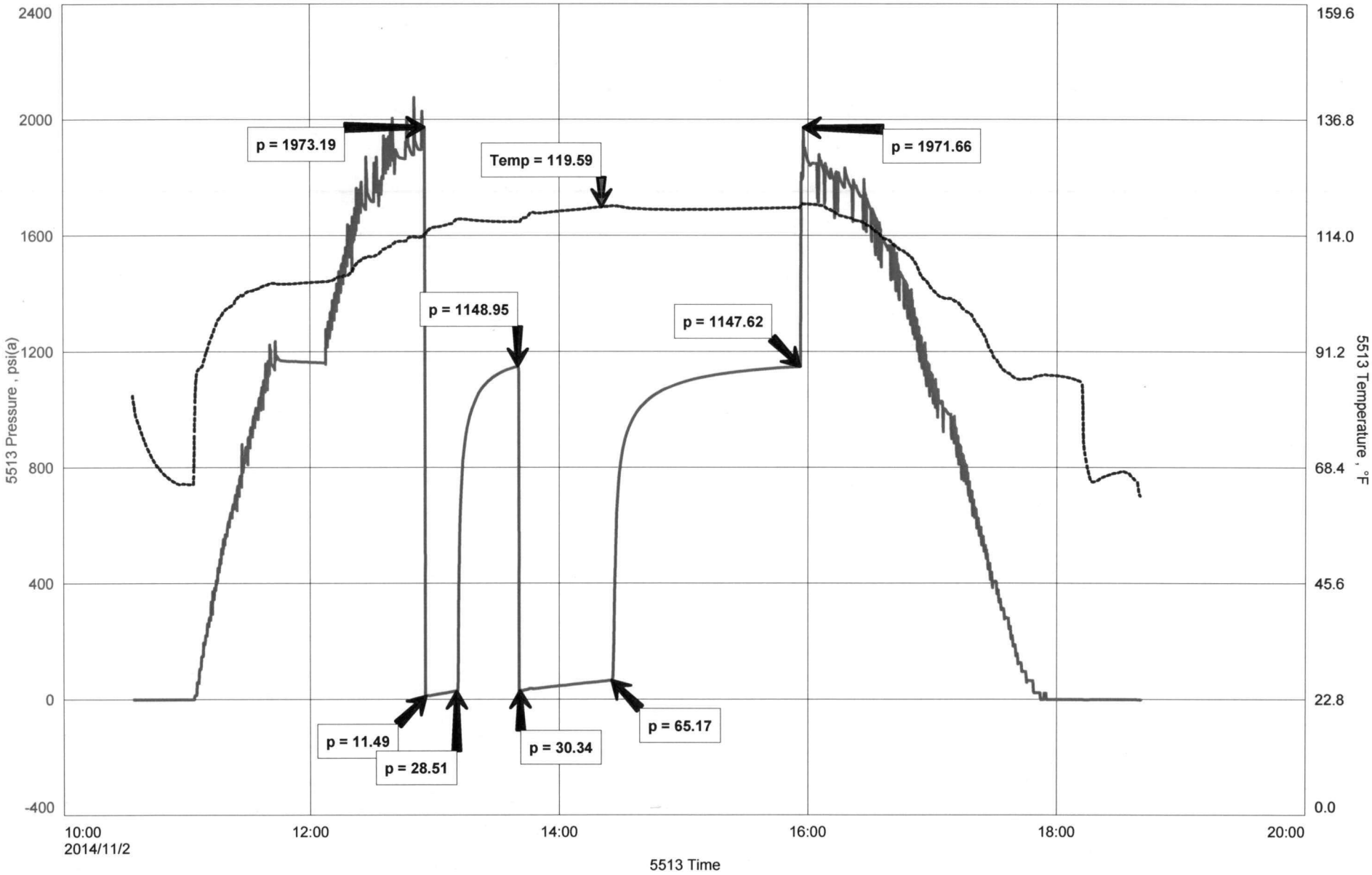
Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	268	Common	185	3% CC 2% gel
Production	7.875	5.5	15.5	4460	OWC	160	5# Kelseal

Questa Energy Corp
DSt #1 Lansing H-I 3962-4032
Start Test Date: 2014/11/02
Final Test Date: 2014/11/02

Bird #1-36
Formation: Lansing H-I
Pool: Wildcat
Job Number: K194

Bird #1-36



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Fast

JASON MCLEMORE

CELL # 620-617-0527

General Information

Company Name	Questa Energy Corp		
Contact	Sergio Estrada	Job Number	K194
Well Name	Bird #1-36	Representative	Jason McLemore
Unique Well ID	DSt #1 Lansing H-I 3962-4032	Well Operator	Questa Energy Corp
Surface Location	36-13s-27w-Gove	Prepared By	Jason McLemore
Field	Wildcat	Qualified By	Ian Borneijer
Well Type	Vertical	Test Unit	6

Test Information

		Representative	Jason McLemore
Test Type	Drill Stem Test	Well Operator	Questa Energy Corp
Formation	Lansing H-I	Report Date	2014/11/02
Well Fluid Type	01 Oil	Prepared By	Jason McLemore
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/11/02	Start Test Time	10:34:00
Final Test Date	2014/11/02	Final Test Time	18:42:00

Test Results

RECOVERED:

75	Drilling Mud
75	TOTAL FLUID

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET
FILE: bird1dst1

TIME ON: 10:34 AM
TIME OFF: 6:42 PM

Company: Questa Energy Corp — Lease & Well No.: Bird #1-36
Contractor: Val #7 — Charge to: Questa Energy Corp
Elevation: KB 2585 — Formation: Lansing H-I — Effective Pay: ____ Ft. — Ticket No.: K194
Date: 11-2-14 — Sec.: 36 — Twp.: 13 S — Range: 27 W — County: Gove — State: KANSAS
Test Approved By: Ian — Diamond Representative: Jason McLemore

Formation Test No.: 1 — Interval Tested from: 3962 ft. to: 4032 ft. — Total Depth: 4032 ft.
Packer Depth: 3957 ft. — Size: 6 3/4 in. — Packer depth: ____ ft. — Size: 6 3/4 in.
Packer Depth: 3962 ft. — Size: 6 3/4 in. — Packer depth: ____ ft. — Size: 6 3/4 in.
Depth of Selective Zone Set: ____

Top Recorder Depth (Inside): 3943 ft. — Recorder Number: 5513 — Cap.: 5000 P.S.I.
Bottom Recorder Depth (Outside): 3944 ft. — Recorder Number: 5588 — Cap.: 6000 P.S.I.
Below Straddle Recorder Depth: ____ ft. — Recorder Number: ____ — Cap.: ____ P.S.I.

Mud Type: Chemical — Viscosity: 54 — Drill Collar Length: 0 ft. — I.D.: 2 1/4 in.
Weight: 9.2 — Water Loss: 6.4 cc. — Weight Pipe Length: 0 ft. — I.D.: 2 7/8 in
Chlorides: 2000 P.P.M. — Drill Pipe Length: 3930 ft. — I.D.: 3 1/2 in
Jars: Make: STERLING — Serial Number: 6 — Test Tool Length: 32 ft. — Tool Size: 3 1/2-IF in
Did Well Flow?: No — Reversed Out: No — Anchor Length: 70 ft. — Size: 4 1/2-FH in
Main Hole Size: 7 7/8 — Tool Joint Size: 4 1/2 XH in. — 62' DP in Anchor — Surface Choke Size: 1 in. — Bottom Choke Size: 5/8 in

Blow: 1st Open: Weak Blow, Built to 3-1/2", No Blowback
2nd Open: Weak Blow, Built to 6", No Blowback

Recovered: 75 ft. of Drilling Mud
Recovered: 75 ft. of TOTAL FLUID
Recovered: ____ ft. of ____
Recovered: ____ ft. of ____
Recovered: ____ ft. of ____
Recovered: ____ ft. of ____
Remarks: ____

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s): 12:57 PM A.M. P.M. — Time Started Off Bottom: 3:57 PM A.M. P.M. — Maximum Temperature: 120

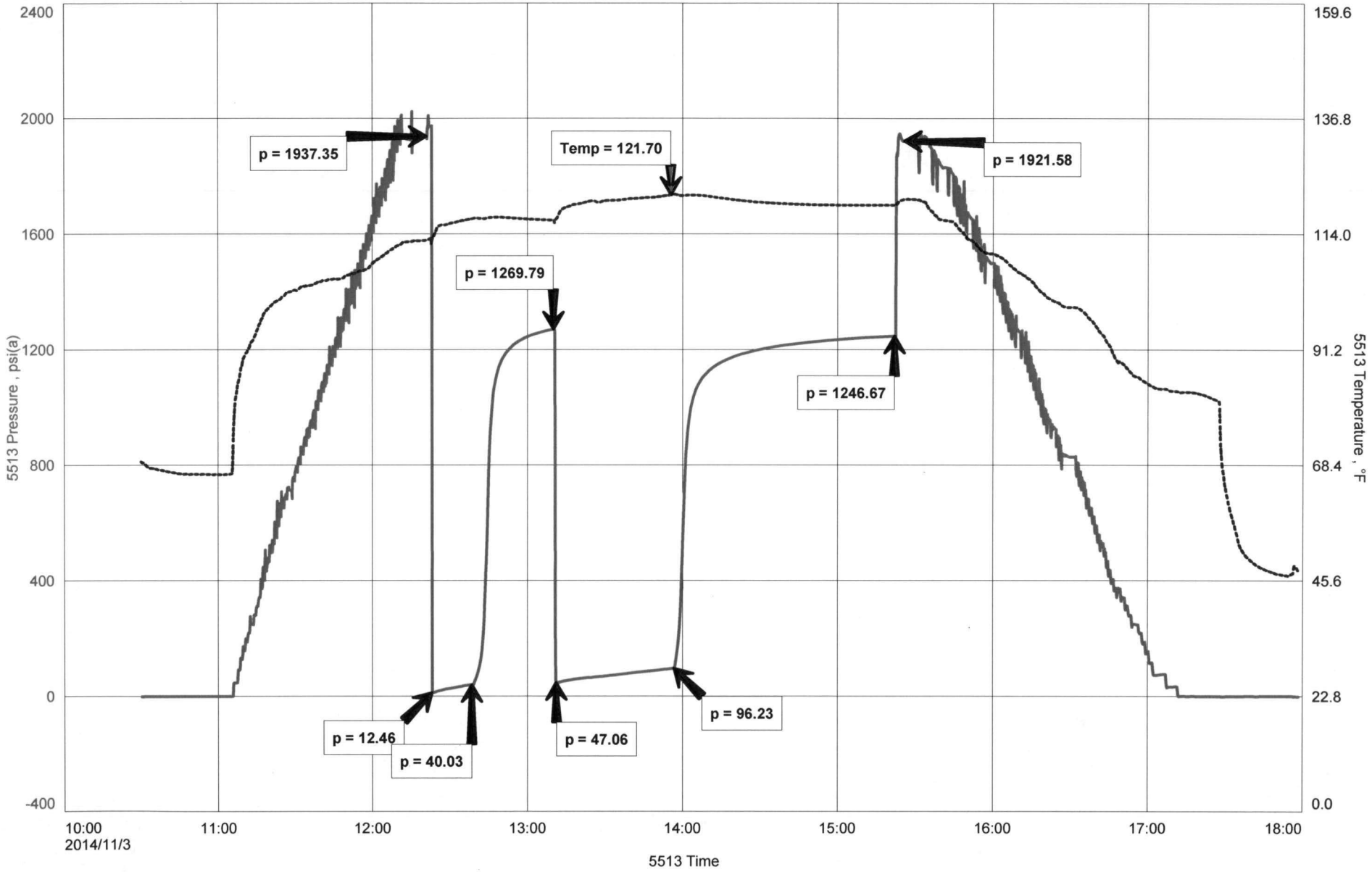
Initial Hydrostatic Pressure ..... (A) 1973 P.S.I.
Initial Flow Period ..... Minutes 15 (B) 11 P.S.I. to (C) 29 P.S.I.
Initial Closed In Period ..... Minutes 30 (D) 1149 P.S.I.
Final Flow Period ..... Minutes 45 (E) 30 P.S.I. to (F) 65 P.S.I.
Final Closed In Period ..... Minutes 90 (G) 1148 P.S.I.
Final Hydrostatic Pressure ..... (H) 1972 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Questa Energy Corp
DST #2 Lansing K-L 4038-4100
Start Test Date: 2014/11/03
Final Test Date: 2014/11/03

Bird #1-36
Formation: Lansing K-L
Pool: Wildcat
Job Number: K195

Bird #1-36



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Fast

JASON MCLEMORE

CELL # 620-617-0527

General Information

Company Name	Questa Energy Corp		
Contact	Sergio Estrada	Job Number	K195
Well Name	Bird #1-36	Representative	Jason McLemore
Unique Well ID	DST #2 Lansing K-L 4038-4100	Well Operator	Questa Energy Corp
Surface Location	36-13s-27w-Gove	Prepared By	Jason McLemore
Field	Wildcat	Qualified By	Ian Borneijer
Well Type	Vertical	Test Unit	6

Test Information

		Representative	Jason McLemore
Test Type	Drill Stem Test	Well Operator	Questa Energy Corp
Formation	Lansing K-L	Report Date	2014/11/03
Well Fluid Type	01 Oil	Prepared By	Jason McLemore
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/11/03	Start Test Time	10:30:00
Final Test Date	2014/11/03	Final Test Time	17:58:00

Test Results

RECOVERED:

90	Free Oil
120	Mud Cut Oil, 55% Oil, 45% Mud
210	TOTAL FLUID

750' Gas In Pipe
GRAVITY: 35

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET
FILE: bird1dst2

TIME ON: 10:30 AM
TIME OFF: 5:58 PM

Company: Questa Energy Corp — Lease & Well No.: Bird #1-36
Contractor: Val #7 — Charge to: Questa Energy Corp
Elevation: KB 2585 — Formation: Lansing K-L — Effective Pay: ____ Ft. — Ticket No.: K195
Date: 11-3-14 — Sec.: 36 — Twp.: 13 S — Range: 27 W — County: Gove — State: KANSAS
Test Approved By: Ian — Diamond Representative: Jason McLemore

Formation Test No.: 2 — Interval Tested from: 4038 ft. to: 4100 ft. — Total Depth: 4100 ft.
Packer Depth: 4033 ft. — Size: 6 3/4 in. — Packer depth: ____ ft. — Size: 6 3/4 in.
Packer Depth: 4038 ft. — Size: 6 3/4 in. — Packer depth: ____ ft. — Size: 6 3/4 in.
Depth of Selective Zone Set: ____

Top Recorder Depth (Inside): 4019 ft. — Recorder Number: 5513 — Cap.: 5000 P.S.I.
Bottom Recorder Depth (Outside): 4020 ft. — Recorder Number: 5588 — Cap.: 6000 P.S.I.
Below Straddle Recorder Depth: ____ ft. — Recorder Number: ____ — Cap.: ____ P.S.I.

Mud Type: Chemical — Viscosity: 52 — Drill Collar Length: 0 ft. — I.D.: 2 1/4 in.
Weight: 9.1 — Water Loss: 7.2 cc. — Weight Pipe Length: 0 ft. — I.D.: 2 7/8 in
Chlorides: 2400 P.P.M. — Drill Pipe Length: 4006 ft. — I.D.: 3 1/2 in
Jars: Make: STERLING — Serial Number: 6 — Test Tool Length: 32 ft. — Tool Size: 3 1/2-IF in
Did Well Flow?: No — Reversed Out: No — Anchor Length: 62 ft. — Size: 4 1/2-FH in
Main Hole Size: 7 7/8 — Tool Joint Size: 4 1/2 XH in. — 32' DP in Anchor — Surface Choke Size: 1 in. — Bottom Choke Size: 5/8 in

Blow: 1st Open: Good Blow, BOB in 13 Min., No Blowback
2nd Open: Good Blow, BOB in 6 Min., Blowback Built to 1-1/2"

Recovered: 90 ft. of Free Oil
Recovered: 120 ft. of Mud Cut Oil, 55% Oil, 45% Mud
Recovered: 210 ft. of TOTAL FLUID
Recovered: ____ ft. of GRAVITY: 35
Recovered: ____ ft. of 750' Gas In Pipe
Recovered: ____ ft. of ____
Remarks: ____

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s): 12:23 PM A.M. P.M. — Time Started Off Bottom: 3:23 PM A.M. P.M. — Maximum Temperature: 122

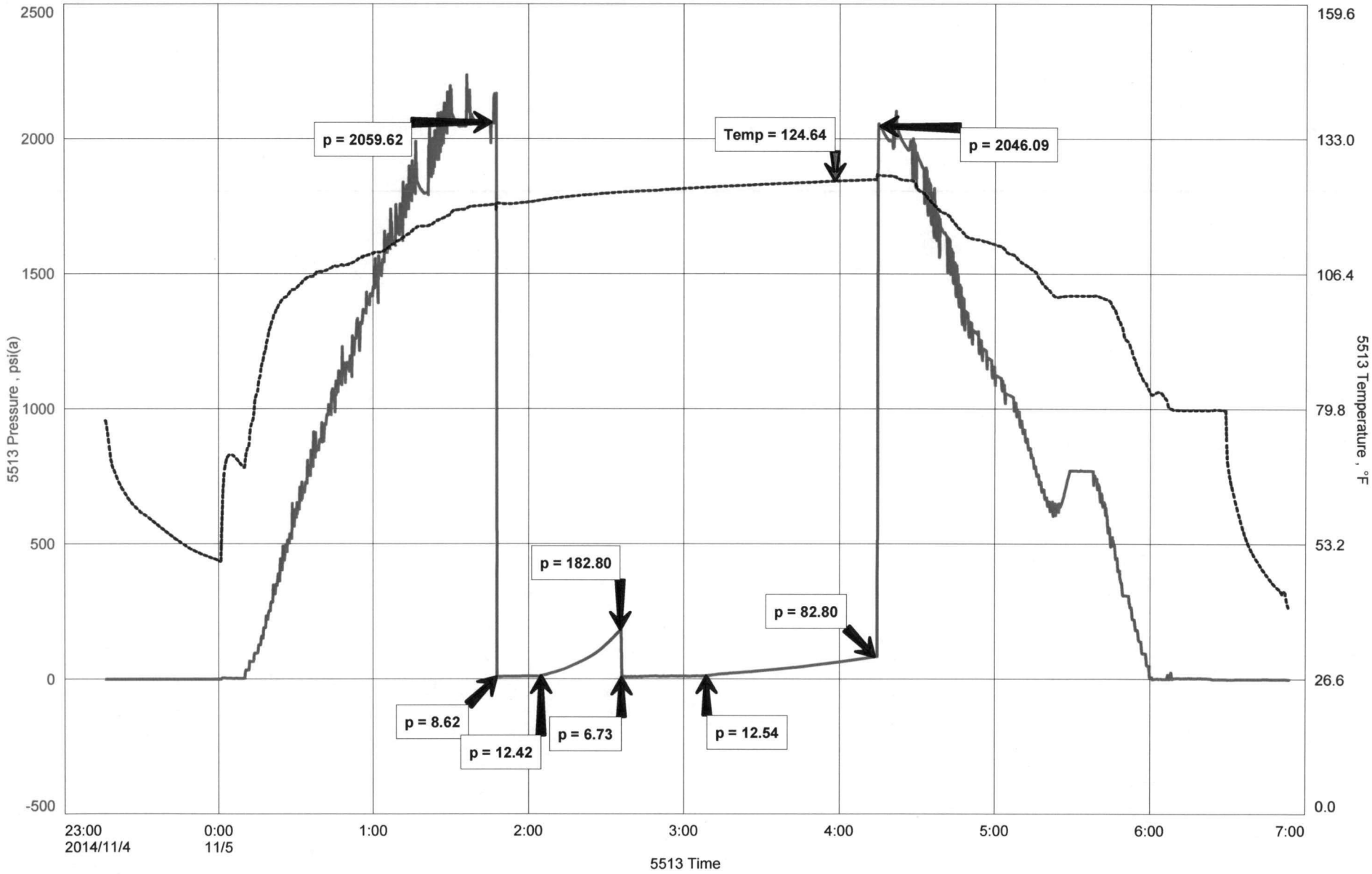
Initial Hydrostatic Pressure ..... (A) 1937 P.S.I.
Initial Flow Period ..... Minutes 15 (B) 12 P.S.I. to (C) 40 P.S.I.
Initial Closed In Period ..... Minutes 30 (D) 1270 P.S.I.
Final Flow Period ..... Minutes 45 (E) 47 P.S.I. to (F) 96 P.S.I.
Final Closed In Period ..... Minutes 90 (G) 1247 P.S.I.
Final Hydrostatic Pressure ..... (H) 1922 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Questa Energy Corp
DST #3 Ft Scott 4280-4330
Start Test Date: 2014/11/04
Final Test Date: 2014/11/05

Bird #1-36
Formation: Ft Scott
Pool: Wildcat
Job Number: K196

Bird #1-36



C:\Users\Roger Friedly\Desktop\bird1dst3 05-Nov-14 Ver

Fast

JASON MCLEMORE

CELL # 620-617-0527

General Information

Company Name	Questa Energy Corp		
Contact	Sergio Estrada	Job Number	K196
Well Name	Bird #1-36	Representative	Jason McLemore
Unique Well ID	DST #3 Ft Scott 4280-4330	Well Operator	Questa Energy Corp
Surface Location	36-13s-27w-Gove	Prepared By	Jason McLemore
Field	Wildcat	Qualified By	Ian Bosmeijer
Well Type	Vertical	Test Unit	6

Test Information

		Representative	Jason McLemore
Test Type	Drill Stem Test	Well Operator	Questa Energy Corp
Formation	Ft Scott	Report Date	2014/11/05
Well Fluid Type	01 Oil	Prepared By	Jason McLemore
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/11/04	Start Test Time	23:16:00
Final Test Date	2014/11/05	Final Test Time	06:55:00

Test Results

RECOVERED:

5	Mud With Oil Specks, <1% Oil
5	TOTAL FLUID

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET

FILE: bird1dst3

TIME ON: 11:16 PM

TIME OFF: 6:55 AM

Company: Questa Energy Corp | Lease & Well No.: Bird #1-36

Contractor: Val #1 | Charge to: Questa Energy Corp

Elevation: KB 2585 | Formation: Ft Scott | Effective Pay: ____ Ft. | Ticket No.: K196

Date: 11-4-14 | Sec.: 36 | Twp.: 13 S | Range: 27 W | County: Gove | State: KANSAS

Test Approved By: Ian | Diamond Representative: Jason McLemore

Formation Test No.: 3 | Interval Tested from: 4280 ft. to: 4330 ft. | Total Depth: 4330 ft.

Packer Depth: 4275 ft. | Size: 6 3/4 in. | Packer depth: ____ ft. | Size: 6 3/4 in.

Packer Depth: 4280 ft. | Size: 6 3/4 in. | Packer depth: ____ ft. | Size: 6 3/4 in.

Depth of Selective Zone Set: ____

Top Recorder Depth (Inside): 4261 ft. | Recorder Number: 5513 | Cap.: 5000 P.S.I.

Bottom Recorder Depth (Outside): 4262 ft. | Recorder Number: 5588 | Cap.: 6000 P.S.I.

Below Straddle Recorder Depth: ____ ft. | Recorder Number: ____ | Cap.: ____ P.S.I.

Mud Type: Chemical | Viscosity: 54 | Drill Collar Length: 0 ft. | I.D.: 2 1/4 in.

Weight: 9.1 | Water Loss: 6.4 cc. | Weight Pipe Length: 0 ft. | I.D.: 2 7/8 in

Chlorides: 2000 P.P.M. | Drill Pipe Length: 4248 ft. | I.D.: 3 1/2 in

Jars: Make: STERLING | Serial Number: 6 | Test Tool Length: 32 ft. | Tool Size: 3 1/2-IF in

Did Well Flow?: No | Reversed Out: No | Anchor Length: 50 ft. | Size: 4 1/2-FH in

Main Hole Size: 7 7/8 | Tool Joint Size: 4 1/2 XH in. | 31' DP in Anchor | Surface Choke Size: 1 in. | Bottom Choke Size: 5/8 in

Blow: 1st Open: Weak Surface Blow, Died in 3 Min., No Blowback

2nd Open: Dead

Recovered: 5 ft. of Mud With Oil Specks, <1% Oil

Recovered: 5 ft. of TOTAL FLUID

Recovered: ____ ft. of ____

Recovered: ____ ft. of ____

Recovered: ____ ft. of ____

Recovered: ____ ft. of ____

Remarks: ____

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s): 1:50 AM A.M. P.M. | Time Started Off Bottom: 4:05 AM A.M. P.M. | Maximum Temperature: 125

Initial Hydrostatic Pressure..... (A) 2060 P.S.I.

Initial Flow Period..... Minutes 15 (B) 9 P.S.I. to (C) 12 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 183 P.S.I.

Final Flow Period..... Minutes 30 (E) 7 P.S.I. to (F) 13 P.S.I.

Final Closed In Period..... Minutes 60 (G) 83 P.S.I.

Final Hydrostatic Pressure..... (H) 2046 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

CONSOLIDATED
Oil Well Services, LLC

2'12099

TI ET NUMBER 47722
LOCATION Oakley Ks.
FOREMAN Darren

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/27/14	6609	Bird 1-36	36	13	27	Gove Ks.

CUSTOMER: Questa Energy
MAILING ADDRESS:
CITY: STATE: ZIP CODE:

Quinter 14.8 S 2W 2½ N To Rig

TRUCK #	DRIVER	TRUCK #	DRIVER
731	Jermey		
693	Lance		

JOB TYPE Surface HOLE SIZE 12¼ HOLE DEPTH 268 CASING SIZE & WEIGHT 8⅝ 24#
CASING DEPTH 268 DRILL PIPE TUBING OTHER
SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk CEMENT LEFT in CASING 20'
DISPLACEMENT 15.79 DISPLACEMENT PSI MIX PSI RATE

REMARKS: Safty Meeting Rig up on Val #1 Run Casing Break Circulation with Rig Pump Hook up To Pump Truck mix 185 SKs Com 3% CC 2% Gel washup Pump + Lines Displace with 15.79 bbl water Rig Down Shut in

Cement Did Circulate

Approx 5 bbls To Pit

Thanks Darren + Crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 S	1	PUMP CHARGE	$1150.00	$1150.00
5406	50	MILEAGE	$5.25	$262.50
5407A	8.70	Ton Mileage Delivery	$1.75	$761.25
1104 S	185 SKs	Class "A" Cement	$18.55	$3431.75
1102	522 #	Calcium Chloride	.94	$490.68
1118B	348 #	Bentonite	.27	$93.96
			Sub Total	$6190.14
			Less 10%	$619.01
			Sub Total	$5571.13
			SALES TAX	285.56
			ESTIMATED TOTAL	5856.70

Ravin 3737

AUTHORIZTION [signature] TITLE DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE Invoice # 272099

Invoice Date: 10/28/2014 Terms: 10/10/10,n/30 Page 1

QUESTA ENERGY CORPORATION
C/O BADGER RESOURCES, INC
P.O. BOX 578
PERRYTON TX 79070
(806)358-8161

BIRD #1-36
36-13-27
47722
10/27/2014
KS

Description	Hours	Unit Price	Total
CEMENT PUMP (SURFACE)	1.00	1150.00	1150.00
EQUIPMENT MILEAGE (ONE WAY)	50.00	5.25	262.50

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	185.00	18.5500	3431.75
1102	CALCIUM CHLORIDE (50#)	522.00	.9400	490.68
1118B	PREMIUM GEL / BENTONITE	348.00	.2700	93.96

Sublet Performed	Description	Total
9995-130	CEMENT EQUIPMENT DISCOUNT	-217.37
9996-130	CEMENT MATERIAL DISCOUNT	-401.63

	Description	Hours	Unit Price	Total
693	TON MILEAGE DELIVERY	1.00	761.25	761.25

Bird # 1-36
RECEIVED
OCT 31 2014
Sergee E.

Amount Due 6507.43 if paid after 11/07/2014

Parts:	4016.39	Freight:	.00	Tax:	285.56	AR	5856.70
Labor:	.00	Misc:	.00	Total:	5856.70		
Sublt:	-619.00	Supplies:	.00	Change:	.00		

Signed _____ Date _____

CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

Invoice #802024

TICKET NUMBER 47732 MMO 782
LOCATION Oakley KS
FOREMAN Kelly Gabel
Darren Racette

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-6-14	6609	Bird #1-36	36	13S	27W	Gove

CUSTOMER: Questa Energy Corp.

MAILING ADDRESS:

CITY: STATE: ZIP CODE:

Quinter 5 to Rd 2 W 2½ N 2 into

TRUCK #	DRIVER	TRUCK #	DRIVER
731	Cory		
693	Lance		
528+1127	Cody		

JOB TYPE 2-Stage HOLE SIZE 7 7/8 HOLE DEPTH 4460 CASING SIZE & WEIGHT 5½ 15.5#
CASING DEPTH 4449 DRILL PIPE TUBING OTHER DV @ 2103.61
SLURRY WEIGHT 14.2, 12.5 SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 42.08
DISPLACEMENT 105.1, 50 DISPLACEMENT PSI MIX PSI RATE

REMARKS: Safety meeting rigged up on Val #1, ran float equip on 2 JTS - cent. 1, 3, 7, 10, 13, 16, 19, 56 basket 56 DV Tool 56 ran pipe to bottom, circulated for 1 hrs, mixed 160 sks OWC $ lift Pressure 700 # Plug landed @ 1500 # Displaced 50 bbl w 54 bbl mud dropped dv bomb opened tool, circulated for 30 min, mixed 20 sks MH 50 sks RH, mixed 5 sks 60/40 Poz 8% gel ¼# flo-seal down center released plug & displaced with 51 bbl water, lift 800 # plug landed @ 1500 # cement did circulate Approx 55 bbl to pit

Thank You Kelly & crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401P	1	PUMP CHARGE	3175.00	3175.00
5406	50 mi	MILEAGE	5.35	262.50
5407A	29.02	Ton mileage delivery	1.75	507.80
1126	160 sks	OWC	23.70	3792.00
1110A	800#	Kol-seal	.56	448.00
1131	500 sks	60/40 Poz	15.86	7930.00
1118B	3440#	Gel	.27	928.80
1107	125#	Flo-seal	2.97	371.25
1144G	500 gal	mud flush	1.00	500.00
4159	1	5½ AFU float shoe (w)	433.75	433.75
4104	1	5½ basket (w)	290.00	290.00
4136	8	5½ Turbolizer (w)	75.75	606.00
4283	1	DV Tool w/ latchdown	4042.50	4042.50
	As Per Bid		Auto	23266.71
			Less 10%	2307.77
			Total	20958.94
			SALES TAX	1375.24
			ESTIMATED TOTAL	22334.18

Ravin 3737

AUTHORIZTION Dennis E. TITLE Sup. DATE 11-6-14

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210, 1-800/467-8676
Fax 620/431-0012

INOICE

Invoice # 802024

Invoice Date: 11/21/2014 Terms: Net 30 Page 1

QUESTA ENERGY CORPORATION
C/O BADGER RESOURCES, INC
PERRYTON TX 79070
USA
8063588161

BIRD #1-36

Part Number	Dscription	Qty	Unit Price	Discount(%)	Total
5401C	Single Pump	1.00	3,175.00	10.00	2,857.50
5406	Mileage Charge	50.00	5.25	10.00	236.25
5407A	Ton Mileage Delivery Charge	1.00	507.90	10.00	457.11
1126	Oil Well Cement	160.00	23.70	10.00	3,412.80
1110A	Kol Seal (50# BAG)	800.00	0.56	10.00	403.20
1131	60/40 Poz Mix	500.00	15.86	10.00	7,137.00
1118B	Premium Gel / Bentonite	3,440.00	0.27	10.00	835.92
1107	Flo-Seal	125.00	2.97	10.00	334.13
1144G-0130	Mud Flush - Oakley	500.00	1.00	10.00	450.00
4159	Float Shoe AFU 5 1/2	1.00	433.75	10.00	390.38
4104	Cement Basket 5 1/2	1.00	290.00	10.00	261.00
4136	Turbolizer 5 1/2	8.00	75.75	10.00	545.40
4283	DV Tool w/Latch Down	1.00	4,042.50	10.00	3,638.25

Sub Total	23,287.70
Discounted Amount	2,328.77
SubTotal After Discount	20,958.94

Bird #1

RECEIVED
NOV 26 2014

Amount Due 24,815.74 if paid after 12/21/2014

Tax:	1,375.24
Total:	22,334.18

TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools. Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research, analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer, down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.

Scale 1:240 (5"=100') Imperial

Well Name: Bird #1-36
Location: Sec. 36-13S-27W Gove County, Kansas
Licence Number: 15-063-22211-00-00
Region: WILDCAT
Spud Date: 10/27/2014
Drilling Completed: 11/5/2014
Surface Coordinates: 2543' FNL & 567'FWL
Bottom Hole Coordinates:
Ground Elevation (ft): 2575'
K.B. Elevation (ft): 2585'
Logged Interval (ft): 2600' To: 4560'
Total Depth (ft): 4560'
Formation: Lansing, Kansas City, Marmaton, Mississippian
Type of Drilling Fluid: Chemical

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Questa Energy Corp.
Address: PO Box 50968
Amarillo, TX 79159-0968
Geo: Nita Hunt

GEOLOGIST

Name: Ian Bosmeijer
Company: Earth Tech OGL, Inc.
Address: PO Box 683
Hooker, Okla . 73945
Work. 580-754-0221 Cell: 616-889-2624

DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: bird1dst1
TIME ON: 10:34 AM
TIME OFF: 6:42 PM

Company Questa Energy Corp — Lease & Well No. Bird #1-36
Contractor Val #7 — Charge to Questa Energy Corp
Elevation KB 2585 — Formation Lansing H-I — Effective Pay ___ Ft. — Ticket No. K194
Date 11-2-14 — Sec. 36 — Twp. 13 S — Range 27 W — County Gove — State KANSAS
Test Approved By Ian — Diamond Representative Jason McLemore

Formation Test No. 1 — Interval Tested from 3962 ft. to 4032 ft. — Total Depth 4032 ft.
Packer Depth 3957 ft. Size 6 3/4 in. — Packer depth ___ ft. Size 6 3/4 in.
Packer Depth 3962 ft. Size 6 3/4 in. — Packer depth ___ ft. Size 6 3/4 in.
Depth of Selective Zone Set
Top Recorder Depth (Inside) 3943 ft. — Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3944 ft. — Recorder Number 5588 Cap. 6000 P.S.I.
Below Straddle Recorder Depth ___ ft. — Recorder Number ___ Cap. ___ P.S.I.
Mud Type Chemical — Viscosity 54 — Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 — Water Loss 6.4 cc. — Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2000 P.P.M. — Drill Pipe Length 3930 ft. I.D. 3 1/2 in.
Jars: Make STERLING — Serial Number 6 — Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? No — Reversed Out No — Anchor Length 70 ft. Size 4 1/2-FH in. (62' DP in Anchor)
Main Hole Size 7 7/8 — Tool Joint Size 4 1/2 XH in. — Surface Choke Size 1 in. — Bottom Choke Size 5/8 in.
Blow: 1st Open: Weak Blow, Built to 3-1/2", No Blowback
2nd Open: Weak Blow, Built to 6", No Blowback
Recovered 75 ft. of Drilling Mud
Recovered 75 ft. of TOTAL FLUID
Remarks:
Price Job / Other Charges / Insurance / Total

Time Set Packer(s) 12:57 PM — Time Started Off Bottom 3:57 PM — Maximum Temperature 120
Initial Hydrostatic Pressure (A) 1973 P.S.I.
Initial Flow Period 15 Minutes (B) 11 P.S.I. to (C) 29 P.S.I.
Initial Closed In Period 30 Minutes (D) 1149 P.S.I.
Final Flow Period 45 Minutes (E) 30 P.S.I. to (F) 65 P.S.I.
Final Closed In Period 90 Minutes (G) 1148 P.S.I.
Final Hydrostatic Pressure (H) 1972 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: bird1dst2
TIME ON: 10:30 AM
TIME OFF: 5:58 PM

Company Questa Energy Corp — Lease & Well No. Bird #1-36
Contractor Val #7 — Charge to Questa Energy Corp
Elevation KB 2585 — Formation Lansing K-L — Effective Pay ___ Ft. — Ticket No. K195
Date 11-3-14 — Sec. 36 — Twp. 13 S — Range 27 W — County Gove — State KANSAS
Test Approved By Ian — Diamond Representative Jason McLemore

Formation Test No. 2 — Interval Tested from 4038 ft. to 4100 ft. — Total Depth 4100 ft.
Packer Depth 4033 ft. Size 6 3/4 in. — Packer depth ___ ft. Size 6 3/4 in.
Packer Depth 4038 ft. Size 6 3/4 in. — Packer depth ___ ft. Size 6 3/4 in.
Depth of Selective Zone Set
Top Recorder Depth (Inside) 4019 ft. — Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4020 ft. — Recorder Number 5588 Cap. 6000 P.S.I.
Below Straddle Recorder Depth ___ ft. — Recorder Number ___ Cap. ___ P.S.I.
Mud Type Chemical — Viscosity 52 — Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 — Water Loss 7.2 cc. — Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2400 P.P.M. — Drill Pipe Length 4006 ft. I.D. 3 1/2 in.
Jars: Make STERLING — Serial Number 6 — Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? No — Reversed Out No — Anchor Length 62 ft. Size 4 1/2-FH in. (32' DP in Anchor)
Main Hole Size 7 7/8 — Tool Joint Size 4 1/2 XH in. — Surface Choke Size 1 in. — Bottom Choke Size 5/8 in.
Blow: 1st Open: Good Blow, BOB in 13 Min., No Blowback
2nd Open: Good Blow, BOB in 6 Min., Blowback Built to 1-1/2"
Recovered 90 ft. of Free Oil
Recovered 120 ft. of Mud Cut Oil, 55% Oil, 45% Mud
Recovered 210 ft. of TOTAL FLUID
Recovered ___ ft. of GRAVITY: 35
Recovered ___ ft. of 750' Gas In Pipe
Remarks:
Price Job / Other Charges / Insurance / Total

Time Set Packer(s) 12:23 PM — Time Started Off Bottom 3:23 PM — Maximum Temperature 122
Initial Hydrostatic Pressure (A) 1937 P.S.I.
Initial Flow Period 15 Minutes (B) 12 P.S.I. to (C) 40 P.S.I.
Initial Closed In Period 30 Minutes (D) 1270 P.S.I.
Final Flow Period 45 Minutes (E) 47 P.S.I. to (F) 96 P.S.I.
Final Closed In Period 90 Minutes (G) 1247 P.S.I.
Final Hydrostatic Pressure (H) 1922 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: bird1dst3
TIME ON: 11:16 PM
TIME OFF: 6:55 AM

Company Questa Energy Corp — Lease & Well No. Bird #1-36
Contractor Val #1 — Charge to Questa Energy Corp
Elevation KB 2585 — Formation Ft Scott — Effective Pay ___ Ft. — Ticket No. K196
Date 11-4-14 — Sec. 36 — Twp. 13 S — Range 27 W — County Gove — State KANSAS
Test Approved By Ian — Diamond Representative Jason McLemore

Formation Test No. 3 — Interval Tested from 4280 ft. to 4330 ft. — Total Depth 4330 ft.
Packer Depth 4275 ft. Size 6 3/4 in. — Packer depth ___ ft. Size 6 3/4 in.
Packer Depth 4280 ft. Size 6 3/4 in. — Packer depth ___ ft. Size 6 3/4 in.
Depth of Selective Zone Set
Top Recorder Depth (Inside) 4261 ft. — Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4262 ft. — Recorder Number 5588 Cap. 6000 P.S.I.
Below Straddle Recorder Depth ___ ft. — Recorder Number ___ Cap. ___ P.S.I.
Mud Type Chemical — Viscosity 54 — Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 — Water Loss 6.4 cc. — Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2000 P.P.M. — Drill Pipe Length 4248 ft. I.D. 3 1/2 in.
Jars: Make STERLING — Serial Number 6 — Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? No — Reversed Out No — Anchor Length 50 ft. Size 4 1/2-FH in. (31' DP in Anchor)
Main Hole Size 7 7/8 — Tool Joint Size 4 1/2 XH in. — Surface Choke Size 1 in. — Bottom Choke Size 5/8 in.
Blow: 1st Open: Weak Surface Blow, Died in 3 Min., No Blowback
2nd Open: Dead
Recovered 5 ft. of Mud With Oil Specks, <1% Oil
Recovered 5 ft. of TOTAL FLUID
Remarks:
Price Job / Other Charges / Insurance / Total

Time Set Packer(s) 1:50 AM — Time Started Off Bottom 4:05 AM — Maximum Temperature 125
Initial Hydrostatic Pressure (A) 2060 P.S.I.
Initial Flow Period 15 Minutes (B) 9 P.S.I. to (C) 12 P.S.I.
Initial Closed In Period 30 Minutes (D) 183 P.S.I.
Final Flow Period 30 Minutes (E) 7 P.S.I. to (F) 13 P.S.I.
Final Closed In Period 60 Minutes (G) 83 P.S.I.
Final Hydrostatic Pressure (H) 2046 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

ROCK TYPES

Anhy, Bent, Brec, Cht, Clyst, Coal, Congl, Dol, Gyp, Igne, Lmst, Meta, Mrlst, Salt, Shale, Shcol, Shgy, Sltst, Ss, Till, Carb sh, Dol, Dtd, Gry sh, Sandylms, Shale, Sltstn, Shlysits, Sltysh, Lms

ACCESSORIES

MINERAL: Anhy, Arggrn, Arg, Bent, Bit, Brecfrag, Calc, Carb, Chtdk, Chtlt, Dol, Feldspar, Ferrpel, Ferr, Glau, Gyp, Hvymin, Kaol, Marl, Minxl, Nodule, Phos, Pyr, Salt, Sandy, Silt, Sil, Sulphur, Tuff, Chlorite, Dol, Sand, Slty

FOSSIL: Algae, Amph, Belm, Bioclst, Brach, Bryozoa, Cephal, Coral, Crin, Echin, Fish, Foram, Fossil, Gastro, Oolite, Ostra, Pelec, Pellet, Pisolite, Plant, Strom, Fuss, Oomold

STRINGER: Anhy, Arg, Bent, Coal, Dol, Gyp, Ls, Mrst, Sltstrg, Ssstrg, Carbsh, Clystn, Dol, Grysh, Gryslt, Lms, Sandylms, Sh, Sltstn

TEXTURE: Boundst, Chalky, Cryxln, Earthy, Finexln, Grainst, Lithogr, Microxln, Mudst, Packst, Wackest

OTHER SYMBOLS

POROSITY TYPE: Earthy, Fenest, Fracture, Inter, Moldic, Organic, Pinpoint, Vuggy

SORTING: Well, Moderate, Poor

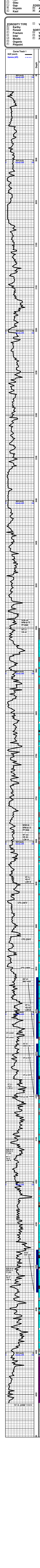
ROUNDING: Rounded, Subrnd, Subang, Angular

OIL SHOWS: Even, Spotted, Ques, Dead, Gas show

INTERVALS: Core, Dst

EVENTS: Dst, Rft, Sidewall

Curve Track 1: ROP (min/ft); Gamma (API)	Depth	Lithology	Oil Shows	Geological Descriptions	TG, C1-C5: TG (units), C1 (units), C2 (units), C3 (units), C4 (units), C5 (units)



QUESTA ENERGY CORP.

BIRD #1-36

VAL RIG #1

TOOL P: BOB MICKELSON

GAS TEST

START 24 HR DATA ACQUISITION 10/31/2014

SH- GY RD TO GRN, FRM TO SFT, SLI GMMY IP, SMTH TO SLI SLTY TXT

LS- OFF WHT TO LT GY, WHT IP, BRITT TO HD IP, F-XLN TO SUB- CHLKY, IMBD F-GRN QRTZ IP, SFT WHT CHLK IP, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LS- OFF WHT TO CRM, HD DNS, TR BRITT, F-XLN, SUB-SUCRO MTRX, TR SUB- CHLKY, ABDT IMBD OOL IP, SFT WHT CHLK, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

SH- LT TO MD GY, FRM, BLKY, V/ CALC IP, SMTH TXT

LS- OFF WHT TO CRM, TN IP, HD DNS TO SFT, F-XLN, SUCRO MTRX IP, ABDT SFT WHT CHLK IP, IMBD OOL IP, IMBD SH IP, DLL YEL MIN FLO IN 20%, PR INTER-XLN POR IP, NO VIS CUT OR SHOW

LS- OFF WHT CRM TO TN, HD DNS, V/F- FN XLN, TR SUCRO TO RE-XLN MTRX IP, IMBD OOL IP, IMBD FOSS FRAG IP, FRM TO SFT WHT CHLK IP, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LS- OFF WHT TO LT GY, HD DNS TO TR SFT, V/F -FN XLN, SUB-SUCRO MTRX THRU, TR GY CHRT IN TRAY, SFT WHT CHLK IP, TR IMBD SH, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LS CRM TN TO OFF WHT, HD TO BRITT, F-XLN TO SUB-CHLKY, CRM TO TN CHRT, SFT CHLK, TR IMBD FOSS FRAG, TR IMBD F-GRN QRTZ, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LS- OFF WHT TO CRM, HD DNS TO BRITT IP, CRYPTO - FN XLN, SUB-CHLKY IP, SFT WHT CHLK IP, IMBD & FREE WHT CHRT IP, NO FLO, NO VIS POR, NO SHOW

LS- OFF WHT TO LT TN, HD TO BRITT, SFT IP, FN-MD XLN, SUB-CHLKY IP, TR IMBD FOSS FRAG, SFT WHT CHLK IP, DLL YEL MIN FLO IN 20%, NO VIS POR, NO SHOW

SH- LT TO MD GY, FRM BLKY TO SFT IP, SMTH TXT

LS- OFF WHT TO TN, HD DNS TO BRITT, CRYPTO-FN XLN, IMBD FOSS FRAG IP, TR IMBD WHT CHRT, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

B. HEEBNER 3784' (-1199')

SH- BLK SFT CARB

SH- LT TO MD GY, BRN IP, FRM BLKY, SLTY TO SNDY IP, SLI CALC IP

LS- CRM TO TN, HD DNS, SFT IP, V/F-FN XLN, SLI SUCRO MTRX IP, IMBD FOSS FRAG IP, SCAT CHRT IN TRAY, SFT WHT CHLK IP, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LANSING 3824' (-1239)

LS- OFF WHT TO CRM, BRITT SFT TO HD IP, F-XLN TO SUB-CHLKY, CRM TO TN CHRT IN TRAY, SFT WHT CHLK IP, TR IMBD FOSS FRAG, DLL YEL MIN FLO IN 20%, NO VIS POR, NO SHOW

LANSING "B" 3854' (-1269')

LS- WHT TO OFF WHT, CRM IP, FN-MD XLN, RE-XLN TO SUB-CHLKY IP, IMBD OOL IP, FRM TO SFT CHLK IP, DLL YEL MIN FLO IN 20%, NO VIS POR, NO SHOW

LS-OFF WHT TO LT CRM, BRITT TO SFT IP, F-XLN TO CHLKY, SLI SUCRO MTRX IP, ABDT IMBD OOL IP, SFT WHT CHLK, TR IMBD SH, DLL YEL MIN FLO IN 30%, PR OOICASTIC POR IN 2%, PR INTER-XLN POR IN 2%, NO VIS CUT OR SHOW

LANSING "C" 3870'(-1285')

LS- OFF WHT TO CRM, BRITT TO SFT, HD IP, F-XLN TO CHLKY, ABDT SFT WHT CHLK, ABDT IMBD OOL IP, DLL YEL MIN FLO IN 25%, PR OOLIMOLDIC & OOLICASTIC POR IP, NO VIS CUT OR SHOW

LANSING "D" 3900' (-1315')

(3912'-3915') LS- OFF WHT TO CRM, (SPTTD TN TO BLK OIL STN IN 4%), F-XLN TO SUCRO, SUB-CHLKY IP, LRG CALC XLS IP, SFT WHT CHLK IP, SPTTD YEL GLD FLO IN 10%, PR INTER-XLN POR IN 5%, FR PP POR IN 2%, TR MICRO VUG, FR FLSH CUT, FR-GD SLW STRM CUT IN 10%, V/ LT OIL ODOR

LANSING "F" 3915' (-1330')

LS- CRM TO TN, HD TO V/ SFT, V/FN - MD XLN, SUB-CHLKY TO SLI RE-XLN IP, ABDT FRM TO SFT CHLK, IMBD MICRO FOSS IP, TR IMBD SH, DLL YEL MIN FLO IN 20%, NO VIS POR, NO SHOW

LANSING "G" 3934 (-1349')

LS- OFF WHT TO CRM, BRITT TO SFT, TR HD, FN-MD XLN, V/ SUB-CHLKY IP, TR WHT TO GY CHRT IN TRAY, ABDT SFT WHT CHLK, IMBD SH IP, IMBD OOL IP, DLL YEL MIN FLO IN 30%, PR-FR MICRO VUG POR IN 5%, NO SHOW

LS- OFFW HT TO CRM, HD TO BRITT, TR SFT, FN-MD XLN, SUB-CHLKY IP, SFT WHT CHLK, WHT CHRT IP, TR IMBD FOSS FRAG, TR IMBD BRN SH, DLL YEL MIN FLO IN 20%, NO VIS POR, NO SHOW

SH- BLK TO GY, FRM TO SFT GMMY, CARB IP, SMTH TXT

LS- TN TO CRM IP, HD DNS, FN-XLN, TR SUB-CHLKY, TR IMBD FOSS FRAG, TR DISS PYR, NO FLO, TR MICRO-VUG POR, NO VIS CUT OR SHOW

LANSING "H" 3988' (-1403')

LS- OFF WHT TO LT BRN (TR SPTTD BLK TAR/ ASPH, STAIN), CRM IP, HD DNS, V/F-FN XLN, TR IMBD FOSS FRAG, TR SFT WHT CHLK, DLL YEL MIN FLO IN 20%, V/ PR MICRO VUG POR IP, NO VIS CUT OR SHOW

LS- OFF WHT TO CRM, HD DNS, F-XLN TO TR SUB-CHLKY, TR WHT CHRT, TR IMBD OOL, DLL YEL MIN FLO IN 20%, PR PP POR IP, NO VIS CUT OR SHOW

LANSING "I" 4011' (-1426)

LS- OFF WHT CRM (LT TN TO BLK OIL STN IN 10%), HD DNS TO BRITT IP, F-XLN, TT SUCRO TO RE-XLN IP, IMBD OOL IP, IMBD LRG CALC XLS IP, BRIT YEL GLD FLO IN 20%, PR TR FR INTER-XLN POR IN 5%, PR MICRO PP POR IN 5%, TR MICRO VUG POR, FR FLSH CUT, FR SLW STRM CUT IN 10%, FEW BLEEDING GAS BUBBLES

LS- CRM TN TO GY (TR SPTTD TN TO BLK OIL STN), V/F-FN XLN, TR TT SUCRO MTRX, TR IMBD OOL, TR IMBD WHT CHRT, DLL YEL MIN FLO IN 20%, TR SPTTD GLD FLO, PR-FR PP POR IN 5%, PR RING CUT, FR SLW STRM CUT IN 1%

LANSING "J" 4028' (-1443')

LS- WHT TO OFF WHT,(TR LT TN OIL STN), HD DNS, V/F-FN XLN, TR TT SUCRO MTRX IP, SCAT WHT CHRT IN TRAY, DLL YEL MIN FLO IN 25%, PR PP POR IP, FR FLSH CUT IP, FR SLW STRM CUT IN 2%

STARK SHALE 4054 (-1469')

LANSING "K" 4054' (-1469')

LS- WHT TO OFF WHT, (LT TN OIL STN IN 30%, THRU IP), HD TO BRITT, TR SFT, FN-MD XLN, RE-XLN IP, ABDT IMBD MICRO FOSS IP, FRM TO SFT CHLK IP, SPTTD BRIT YEL FLO IN 40%, FR INTER-XLN POR IN 5%, FR PP POR IN 5%, TR MICRO VUG POR, FR-GD FLSH CUT, GD SLW STRM IN 20%, LIVE OIL ON SAMPLE

SH- GY TO BLK, CARB IP, SMTH TXT

LANSING "L" 4080'(-1495')

LS- OFF WHT TO WHT (LT TN DUE TO SPTTD OIL STN IN 5%), HD DNS TO TR BRITT, V/F-FN XLN, TR TT SUCRO MTRX, DISS PYR IP, TR WHT CHRT,TR IMBD FOSS FRAG, DLL YEL MIN FLO IN 25%, BRIT YEL GLD FLO IN 5%, PR INTER-XLN TO PP POR IN 8%, FR FLSH CUT, FR-GD SLW STRM IN 2%

SH- GY TO GRN, FRM TO SFT, SMTH TO SLTY TXT

LS- CRM TO TN, V/ HD DNS, V/F-XLN, TR RE-XLN, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

BKC 4107 '-1522'

LS- OFF WHT CRM TO TN, V/ HD DNS, V/F-FN XLN, SUB-SUCRO MTRX IP, ABDT IMBD OOL IP, GY GMMY SH IN TRAY, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

MARMATON 4122'(-1537')

LS CRM TO TN, V/ HD DNS, V/F-XLN, SUB-SUCRO MTRX, TR IMBD & FREE CHRT, DLL YEL MIN FLO IN 20%, NO VIS POR, NO SHOW

LS- OFF WHT CRM TO LT PNK, HD DNS, V/F-XLN TO TR RE-XLN, ABDT IMBD OOL IP, IMBD RD SH IP, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

SH- GY TO BLK, FRM BLKY TO GMMY, SMTH TXT

LS- OFF WHT CRM TO LT GY, HD DNS TO TR BRITT, F-XLN, SUB-CHLKY TO SUB-SUCRO MTRX IP, TR IMBD TN CHRT, TR IMBD OOL, ABDT IMBD SH IP, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LS- CRM LT TN TO OFF WHT, HD DNS TO TR BRITT, TR SFT, V/F- FN XLN, ABDT IMBD OOL IP, ABDT IMBD RD SH, TR IMBD PYR CLSTR, TR SFT WHT CHLK, DLL YEL MIN FLO IN 10%, TR PR PP POR, NO VIS CUT OR SHOW

LS- OFF WHT CRM, LT TN IP, HD DNS TO BRITT IP, F-XLN TO TR SUB-CHLKY, TR SUB-SUCRO MTRX, ABDT IMBD FOSS FRAG, ABDT IMBD OOL IP, ABDT IMBD SH, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LS- CRM OFF WHT TO LT GY, HD DNS, TR BRITT, V/F-FN XLN, TR IMBD CALC XLS, TR TN CHRT, TR DLL YEL MIN FLO, NO VIS POR, NO SHOW

PAWNEE 4210 (-1625')

LS- OFF WHT CRM TO GY, HD DNS, FN - MD XLN, TR V/ SUCRO, ABDT GY SH IP, TR IMBD & FREE FOSS FRAG, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

SH- GY BLK, FRM TO SFT GMMY, CARB IP, IMBD CRS QRTZ IP

LS- LT CRM TO TN, OFF WHT IP, V/ HD DNS, FN-V/FN XLN, TR SFT WHT CHLK, TR TN CHRT, NO FLO, NO VIS POR, NO SHOW

LS- LT GY TO OFF WHT, HD DNS TO TR BRITT, F-XLN, SUB-SUCRO MTRX, V/ SHLY IP, TR PYR CLSTR, NO FLO, NO VIS POR, NO SHOW

LS- TN CRM TO OFF WHT, LT GY IP, HD DNS, TR SFT, F-XLN, TR MD XLN, SLI TO V/ SHLY IP, TR TN CHRT, TR FREE FOSS, TR SFT WHT CHLK, NO FLO, NO VIS POR, NO SHOW

LS- GY TN TO OFF WHT, HD DNS, F-XLN TO TR SUB-CHLKY, ABDT GMMY GY TO GRN SH, SLI SNDY IP, TR SFT WHT CHLK, NO FLO, NO VIS POR, NO SHOW

SH- BLK, SFT TO BLKY CARB IP, CALC IP, SMTH TXT

LS- CRM TO OFF WHT, HD DNS, V/F-FN XLN, IMBD CALC XLS, TR TN CHRT, TR GRNSTN, ABDNT GY TO BLK SH, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LS- CRM TO TN, OFF WHT, HD DNS, F-XLN, SUB-SUCRO MTRX IP, ABDT IMBD OOL IP, TR TN CHRT, NO FLO, NO VIS POR, NO SHOW

FT SCOTT 4308'(-1723')

4304'-4310' LS- OFF WHT TO CRM, (TN TO BLK OIL STN IN 15%), HD DNS, F-XLN, TT SUCRO IP, SCAT CHRT IN TRAY, BRIT YEL GLD FLO IN 30%, SCAT FR-GD MICRO VUG - VUG POR IN 2%, PR INTER-XLN/PP POR IN 4%, FR-GD FLSH CUT, GD SLW STRM IN 15%, V/ LT OIL ODOR

CHEROKEE SHALE 4323' (-1738')

LS- CRM TN TO OFF WHT, HD DNS, F-XLN, TR RE-XLN IP, SCAT PYR CLSTR IP, IMBD OOL IP, TR SFT WHT CHLK, DLL YEL MIN FLO IN 20%, PR PP POR IP, NO SHOW

SH- GY TO BLK, FRM TO TR SFT, V/ CALC IP, TR FOSS FRAG

LS-TN GY TO OFF WHT, HD DNS, V/F-FN XLN, IMBD ORNG CHRT, NO FLO, NO VIS POR, NO SHOW

SH- BLK TO GY, GRN IP, FRM TO SFT, BLKY, CARB IP, SMTH TXT

LS- OFF WHT TO LT TN, HD DNS, V/F-FN XLN, WHT TO GY CHRT IN TRAY, TR SFT WHT CHLK, TR DLL YEL MIN FLO, NO VIS POR, NO SHOW

LS- OFF WHT TO TN, HD DNS TO SFT IP, F-XLN, SUB-CHLKY TO RE-XLN IP, IMBD CHRT IP, TR IMBD FOSS FRAG, IMBD BRN SH IP, DLL YEL MIN FLO IN 10%, NO VIS POR, NO SHOW

LS- OFF WHT TO CRM, HD DNS, V/F-FN XLN, SLI RE-XLN IP, IMBD CHRT IP, TR IMBD FOSS FRAG, TR IMBD CRS QRTZ, TR DLL YEL MIN FLO , NO VIS POR, NO SHOW -

SH- GY RD TO YEL, FRM TO SFT GMMY

MISSISSIPPIAN 4404' (-1819')

DOLO- OFF WHT, CRM, LT TN, HD TO BRITT, FN-MD XLN, SUCRO IP, ABDT LS IP, ABDT ORNG CLR GY CHRT, GMMY YEL SH IN TRAY, ABDT OOL IP, DLL YEL MIN FLO IN 10%, GD MICRO-VUG POR IN 10%, GD INTER-XLN POR IN 5%, NO VIS CUT OR SHOW

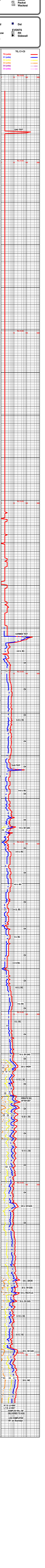
DOLO- CRM, LT TN TO OFF WHT, HD TO BRITT, MD-XLN, SUCRO IP, TR SUB-CHLKY, LRG DOLO GRNS, TR CALC XLS, TR IMBD FOSS FRAG, TR WHT CHRT IN TRAY, HVY TR GY TO YEL SH IN TRY, TR DLL YEL MIN FLO, FR-GD INTER-XLN POR IN 10%, SCAT GD MICRO VUG POR IN 5%, NO VIS CUT OR SHOW

DOLO- CRM, LT TN TO OFF WHT, BRITT TO SFT IP, MD XLN, RE-XLN TO SUCRO, SUB CHLKY IP, SFT WHT CHLK IP, TR IMBD OOL, TR CHRT IN TRAY, TR PYR CLSTR, DLL YEL MIN FLO IN 10%, GD INTER-XLN POR IN 5%, GD MICRO-VUG POR IN 5%, NO VIS CUT OR SHOW

DOLO- OFF WHT CRM TO LT TN, BRITT TO SFT, HD IP, MD-XLN, RE-XLN TO V/ SUCRO, LRG DOLO GRNS IP, IMBD CALX XLS, SFT WHT CHLK IP, DLL YEL MIN FLO IN 10%, FR-GD INTER-XLN POR IN 10%, FR-GD MICRO VUG POR IN 5%, NO VIS CUT OR SHOW

R.T.D. @ 4560' 9:30PM NOV. 5 2014

CTCH

TRIP OUT FOR LOGS

PIONEER- HAYS, KS