



KANSAS CORPORATION COMMISSION 1141696
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 # _____

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- 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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

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



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

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

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 type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ 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: _____ 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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
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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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	QUIVIRA RANCH 6-34
Doc ID	1141696

Tops

Name	Top	Datum
HEEBNER	3060	-1261
TORONTO	3078	-1279
DOUGLAS	3096	-1297
BROWN LIME	3200	-1401
LANSING	3216	-1417
BASE KANSAS CITY	3487	-1688
VIOLA	3540	-1741
SIMPSON SHALE	3575	-1776
ARBUCKLE	3623	-1824

OPERATOR

Company: L.D. Drilling, Inc
 Address: 7 SW 26th Ave
 Great Bend, Kansas 67530

Contact Geologist:
 Contact Phone Nbr: 620-793-3051
 Well Name: Quivira Ranch 6-34
 Location: 8 5/8" @ 342'
 Pool:
 State: Kansas, Stafford County

API: 15-185-23795-00-00
 Field: Sleeper South
 Country: USA



Joshua R. Austin

Petroleum Geologist

report for

L.D. DRILLING, INC.



Scale 1:240 Imperial

Well Name: Quivira Ranch 6-34
 Surface Location: 8 5/8" @ 342'
 Bottom Location:
 API: 15-185-23795-00-00
 License Number:
 Spud Date: 3/6/2013 Time: 6:34 PM
 Region: Sw-Se-Ne-Nw 34-22s-11w
 Drilling Completed: 3/12/2013 Time: 5:50 PM
 Surface Coordinates: 1230' From North Line & 2050' From West Line
 Bottom Hole Coordinates:
 Ground Elevation: 1794.00ft
 K.B. Elevation: 1799.00ft
 Logged Interval: 2900.00ft To: 3729.00ft
 Total Depth: 3729.00ft
 Formation: Arbuckle
 Drilling Fluid Type: Chemical mud was displaced at 2600'

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: Latitude:
 N/S Co-ord: 1230' From North Line
 E/W Co-ord: 2050' From West Line

LOGGED BY

Company: Joshua R. Austin, Petroleum Geologist
 Address: 732 NE 110th Ave
 Stafford, KS 67578

Phone Nbr: 620-546-3960
 Logged By: Geologist Name: Josh Austin

CONTRACTOR

Contractor: Petromark Drilling, LLC
 Rig #: 2
 Rig Type: mud rotary
 Spud Date: 3/6/2013 Time: 6:34 PM
 TD Date: 3/12/2013 Time: 5:50 PM
 Rig Release: Time:

K.B. Elevation: 1799.00ft
 K.B. to Ground: 5.00ft

Ground Elevation: 1794.00ft

ELEVATIONS

NOTES

On the basis of the positive structural position and drill stem test in the Arbuckle, it was recommended by all parties involved in the Quivira Ranch 6-34 to set and cement 5 1/2" production casing to further test the Arbuckle.

L.D. Drilling, Inc.

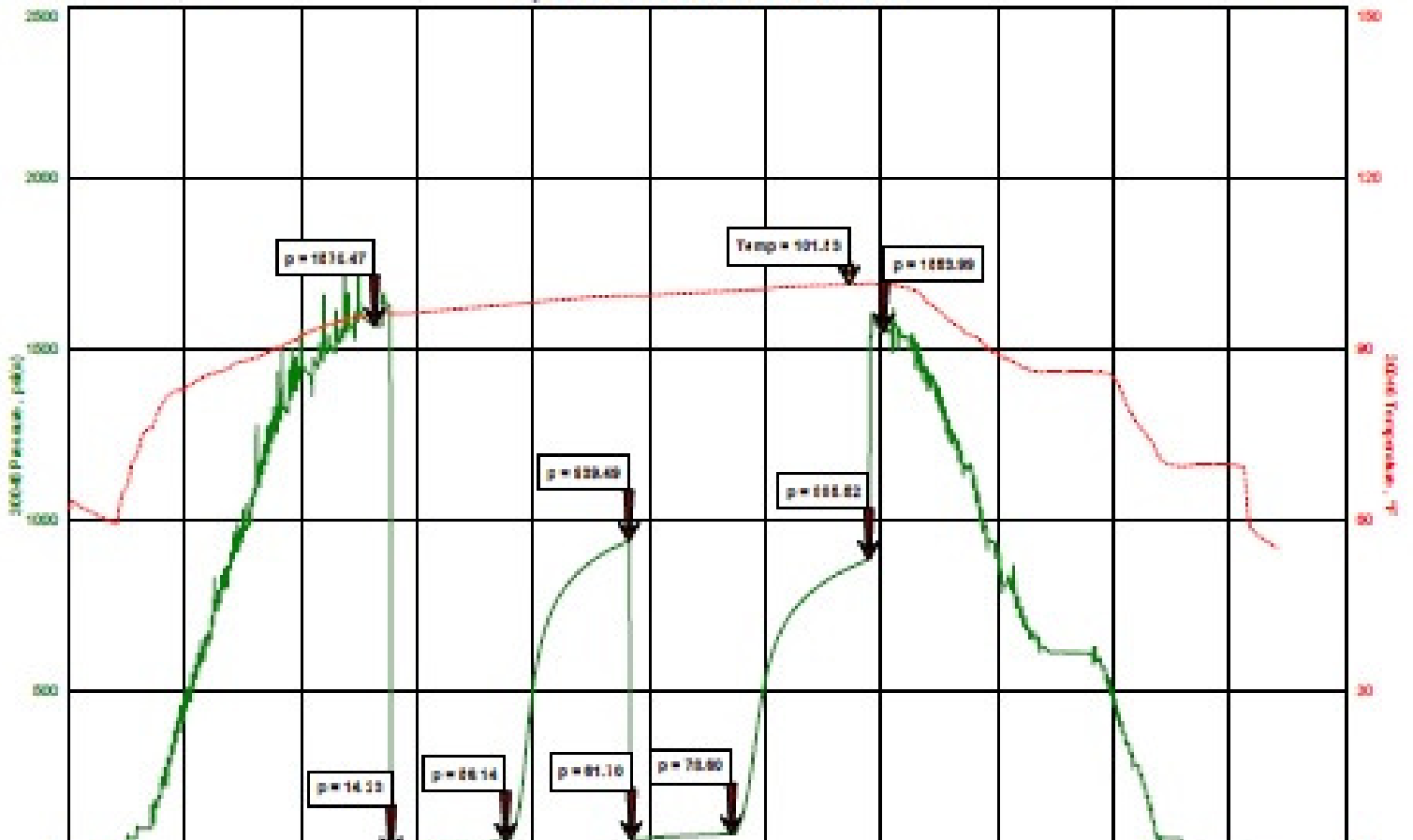
well comparison sheet

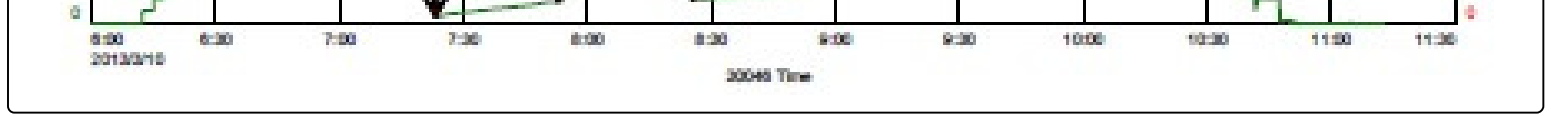
DRILLING WELL					COMPARISON WELL				COMPARISON WELL			
Quivira Ranch 6-34					Quivira Ranch 1-34				Quivira Ranch 2-34			
1799 KB					1798 KB		Structural Relationship		1800 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Heebner	3063	-1264	3060	-1261	3064	-1266	2	5	3063	-1263	-1	2
Toronto	3080	-1281	3078	-1279	3081	-1283	2	4	3079	-1279	-2	0
Douglas	3097	-1298	3096	-1297	3096	-1298	0	1	3096	-1296	-2	-1
Brown Lime	3203	-1404	3200	-1401	3203	-1405	1	4	3203	-1403	-1	2
Lansing	3219	-1420	3216	-1417	3219	-1421	1	4	3219	-1419	-1	2
Base KC	3490	-1691	3487	-1688	3487	-1689	-2	1	3486	-1686	-5	-2
Viola	3542	-1743	3540	-1741	3539	-1741	-2	0	3536	-1736	-7	-5
Simpson Shale	3576	-1777	3575	-1776	3576	-1778	1	2	3577	-1777	0	1
Arbuckle	3624	-1825	3623	-1824	3624	-1826	1	2	3623	-1823	-2	-1
Total Depth	3729	-1930	3729	-1930	3728	-1930			3730	-1930		

L.D. DRILLING INC
 Start Test Date: 2013/03/10
 Final Test Date: 2013/03/10

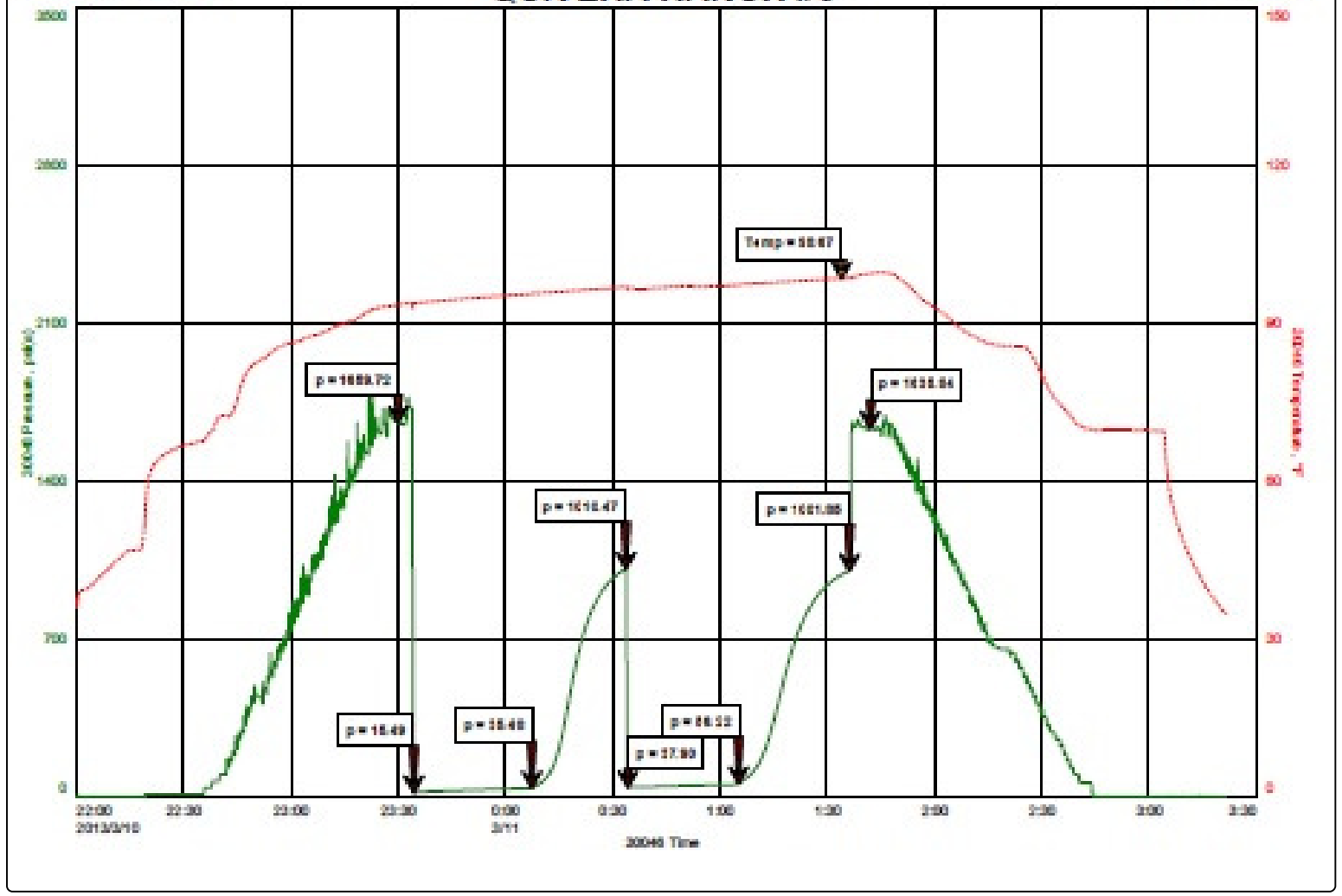
QUIVERA RANCH #6
 Formation: DST#1 UPPER LKC
 Job Number: D1209

QUIVERA RANCH #6

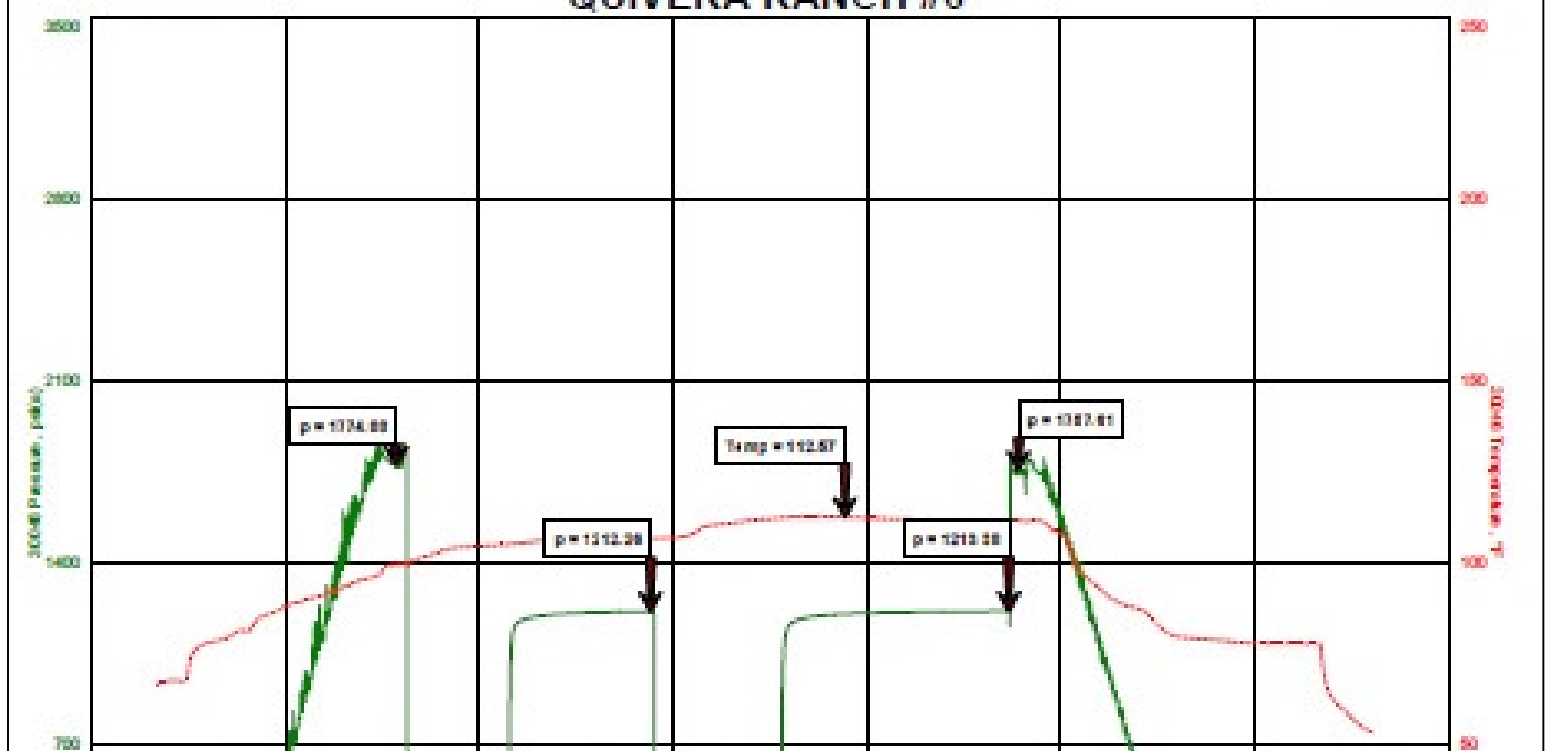


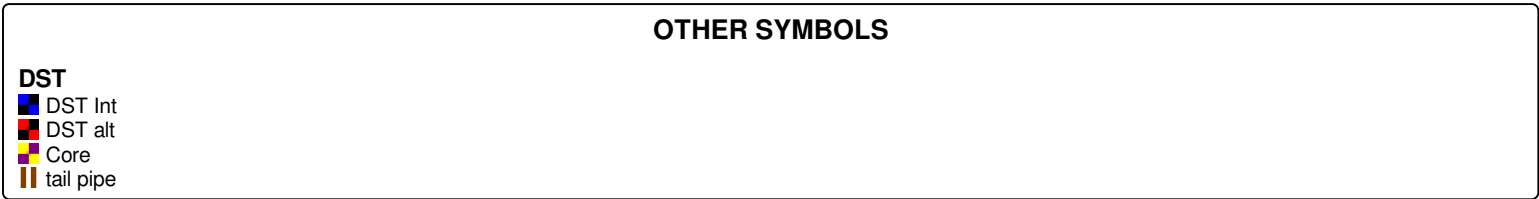
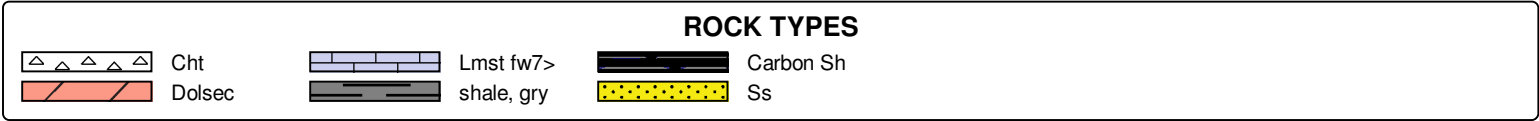
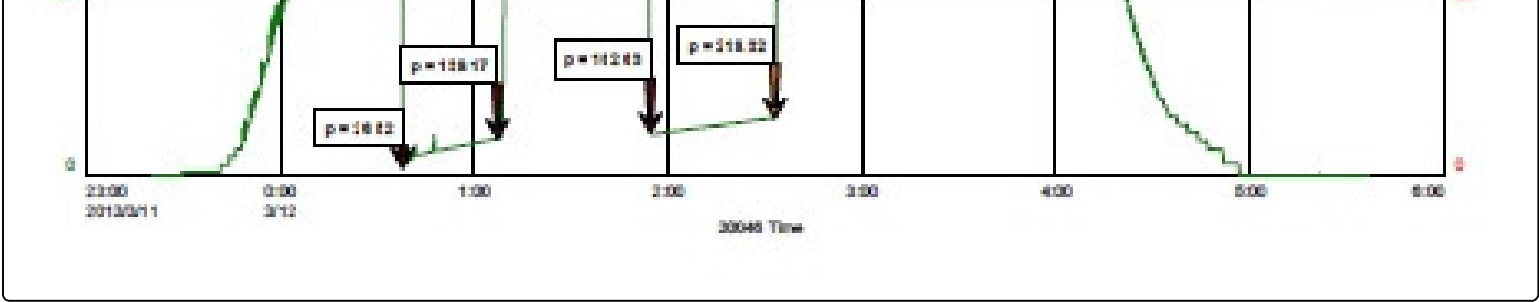


L.D. DRILLING INC. Start Test Date: 2013/03/10 Final Test Date: 2013/03/11
 QUIVERA RANCH #6 Formation: DST #2 LKC "H-K" Job Number: 01294

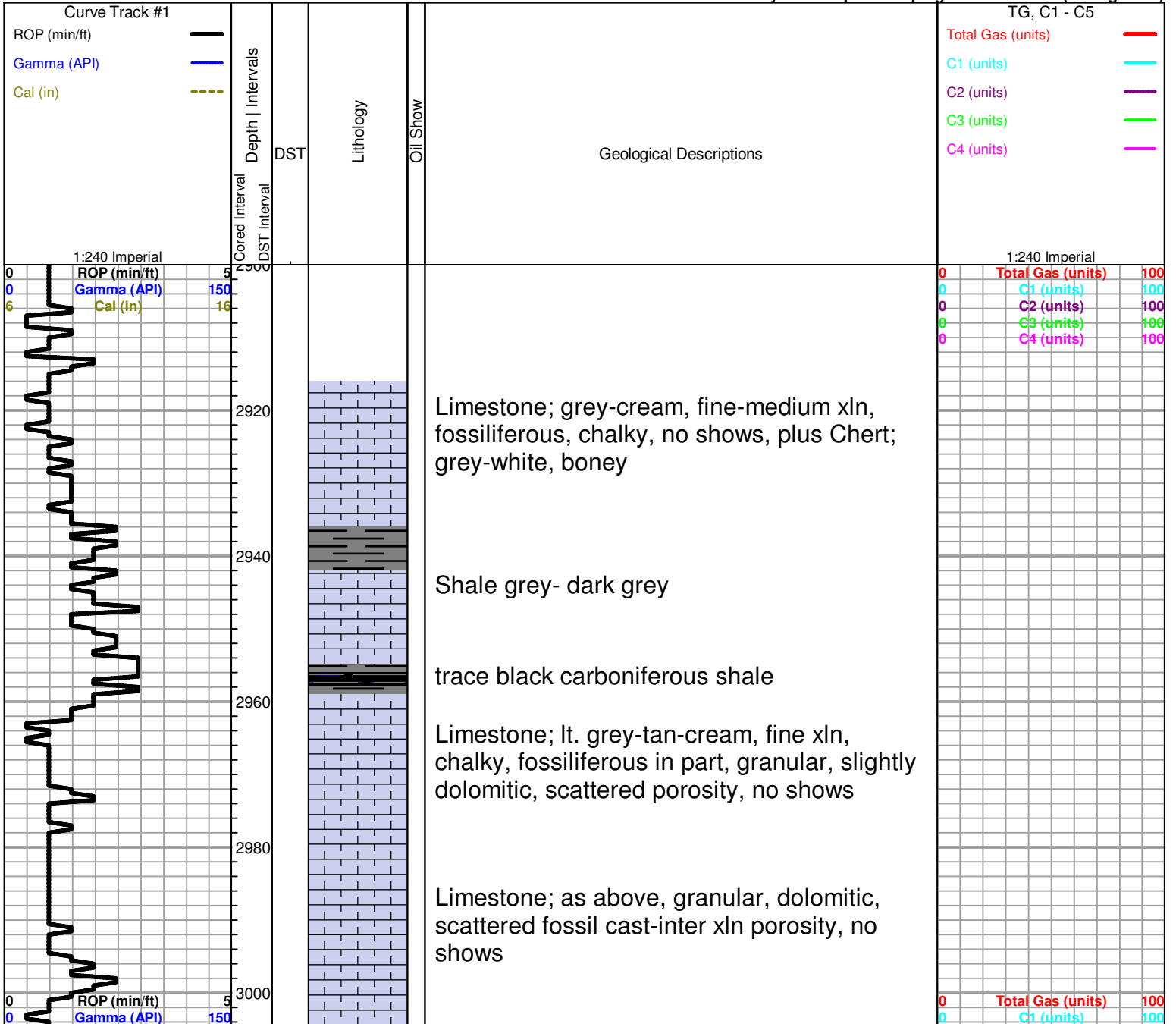


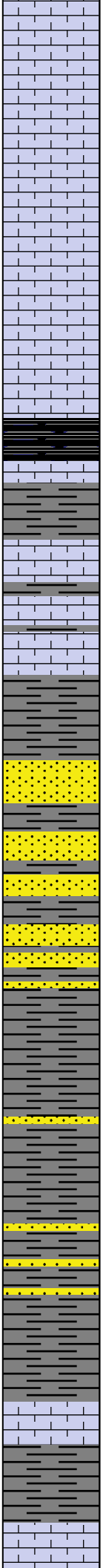
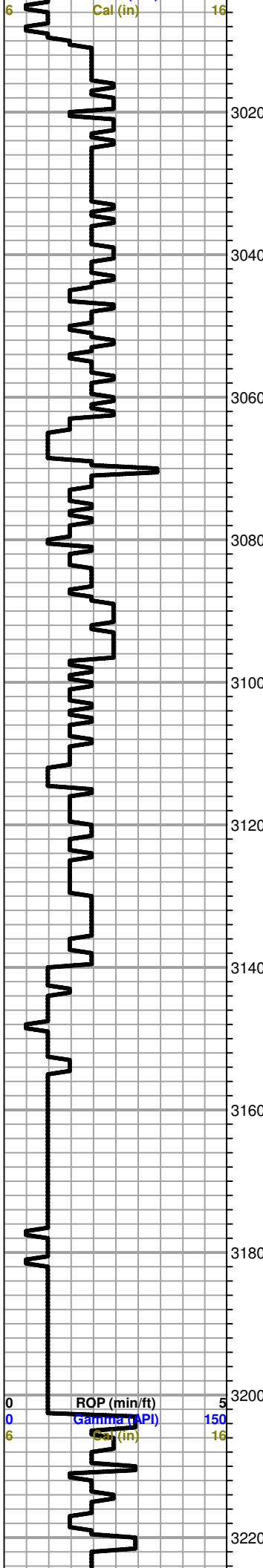
L.D. DRILLING INC. Start Test Date: 2013/03/11 Final Test Date: 2013/03/11
 QUIVERA RANCH #6 Job Number: 01295





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Limestone; cream-lt. grey, fossiliferous-oolitic, poorly developed porosity, no shows

Limestone; tan-buff-cream, fine xln, dense, fossiliferous, chalky, no porosity, cherty, no shows, Chert; grey-cream, boney

Limestone; as above plus Chert; grey

HEEBNER 3063 (-1264)

Black Carboniferous Shale
plus grey shale

TORONTO 3080 (-1281)

Limestone; cream-white, fine xln, chalky, dense, sparry calcite in part, no shows

DOUGLAS 3097 (-1298)

Shale; greyish green-grey-maroon, slightly in part, few micaceous pieces

Sand; greyish green, very fine grained, silty, micaceous, poorly developed inter granular porosity, no shows

Sand and Shale as above

Shale; grey-greyish green-dark grey, soft, silty

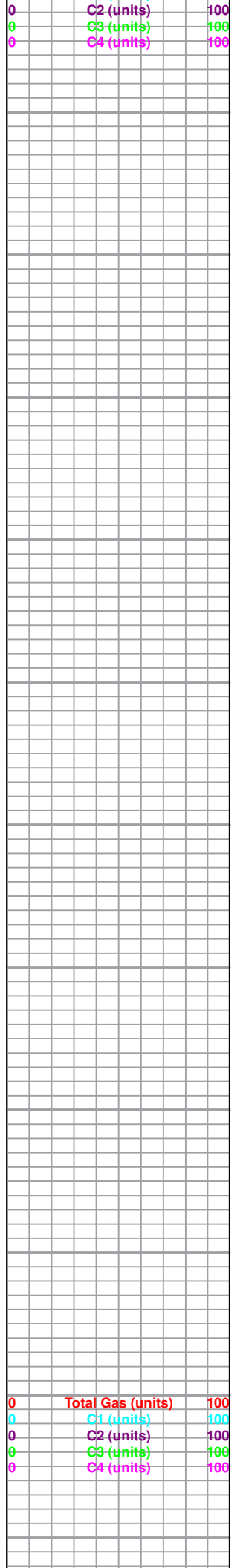
Shale as above, few silty pieces

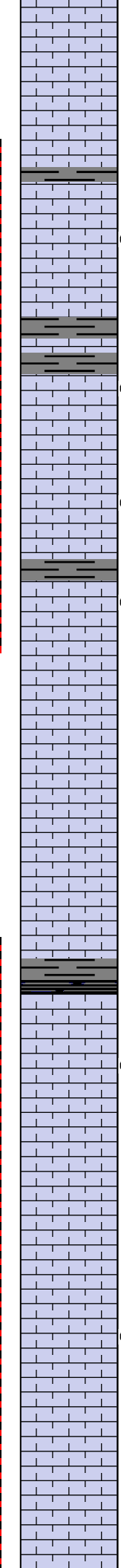
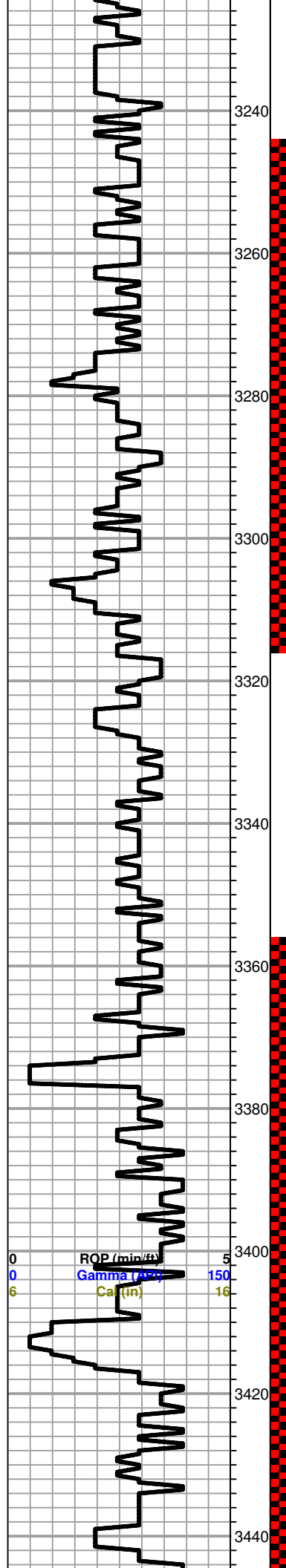
BROWN LIME 3203 (-1204)

Limestone; tan-brown, fine xln, dense, cherty, slightly fossiliferous

LANSING 3219 (-1240)

Limestone; cream tan, highly fossiliferous





oolitic, chalky, poor visible porosity, slightly cherty, no shows

Limestone; cream-lt. grey, chalky, trace spotty brown stain, NSFO

Limestone; lt. grey-cream, highly oolitic-fossiliferous, few scattered fossilcast porosity, trace grey stain, NSFO, faint odor cherty in part

grey-green, Shale

Limestone; cream-white, fossiliferous-oolitic, chalky, fair-good fossil cast porosity, golden brown stain, slight SFO, faint-fair odor

Limestone; cream-lt. grey, fossiliferous, chalky, poorly developed porosity, trace brown-golden brown stain, NSFO, questionable odor

Limestone; grey-buff-cream, fine-medium xln, oolitic, slightly granular, trace black-dark brown stain, NSFO, no odor

Limestone; buff-grey-tan, fine xln, dense, fossiliferous-oolitic in part, poor visible porosity, plus grey-translucent Chert

Limestone; as above dense, slightly cherty

grey-green-black shale

Limestone; cream- grey, oomoldic, chalky, fair-good oomoldic porosity, trace brown-grey stain, NSFO, trace gas bubbles

Limestone; cream- lt. grey, fine xln, dense, chalky in part, few oolitic-fossiliferous pieces, no shows,

Limestone; cream, highly oolitic, oomoldic, chalky in part, fair-good oomoldic type porosity, golden brown stain, questionable trace free oil, very faint gassy odor

Limestone; lt. grey, fine xln, oolitic-fossiliferous, chalky in part, no shows,

Limestone; cream- buff- fine xln, chalky in

DST #1 3245-3315
30-30-30-30
Blow; weak 1/2"
Final; weak 1/4"

Recovery;
120' oil specked mud

Pressures;
ISIP 939
FSIP 885
IFP 14-56
FFP 62-79
HSH 1570-1553

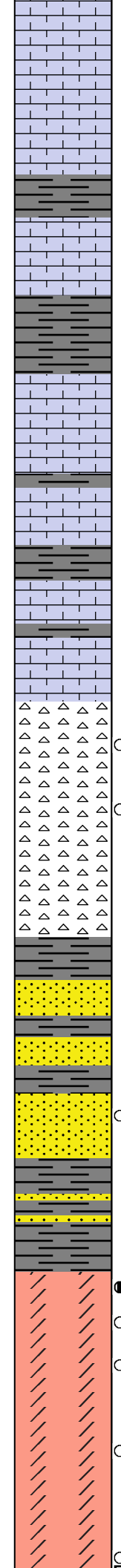
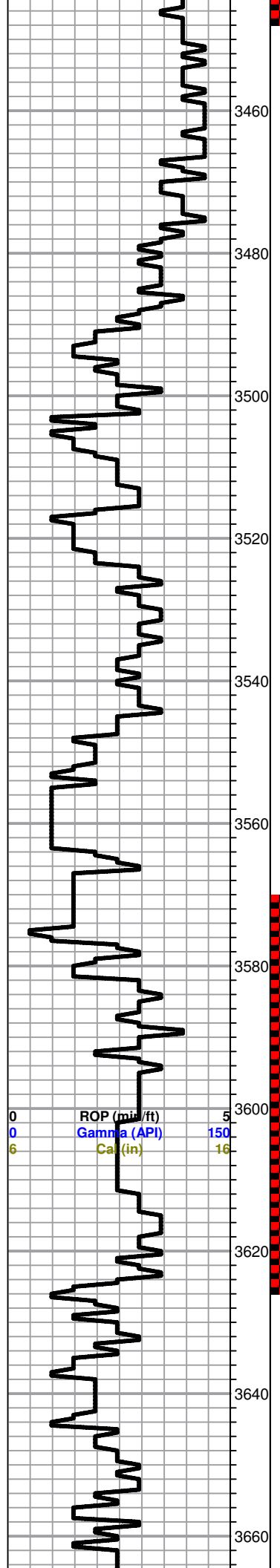
DST #2 3356-3446
30-30-30-30

Blow; weak
Final; weak

Recovery;
70' drilling mud

Pressures;
ISIP 1010
FSIP 1002
IFP 15-35
FFP 38-56
HSH 1660-1636

0
1
2
3
4
5
6



Limestone; cream, buff, fine xln, chalky in part, dense, poor visible porosity, no shows

Limestone; as above

grey shale

Limestone; cream-white, fine xln, chalky, shaley in part, plus white Chalk

BASE KANSAS CITY 3490 (-1691)

Shale; grey-green, silty in part

Limestone; cream, fine-medium xln, chalky, dense, poor visible porosity, glauconitic in part, shaley, plus grey-green shale

Limestone; as above few fossiliferous pieces, plus Chert; orange-yellow-cream, boney

VIOLA 3542 (-1743)

Chert; white-buff-cream, semi tripolitic, weathered in part, trace brown-black stain, trace spotty free oil, faint-fair odor

Chert; as above plus white-cream, boney/fresh

SIMPSON SHALE 3576 (-1777)

Shale; grey-green, waxey in part, slightly silty

Sand; clear-grey, sub angular, sub rounded, friable, fair inter granular porosity, black "dead" stain, slight SFO, faint odor

Sand; grey-greyish green, shaley, calcareous, Shale; as above, grey-green-rusty brown, silty in part, slight micaceous

ARBUCKLE 3624 (-1825)

Dolomite; lt. grey-buff, fine-medium xln, few oomoldic pieces, brown-dark brown stain, SFO/SAT, fair-good odor, few gas bubbles

Chert; cream-lt. grey, boney, oolitic in part

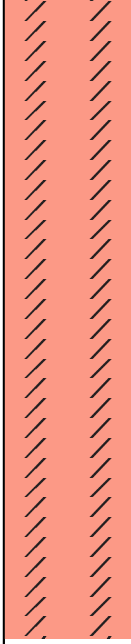
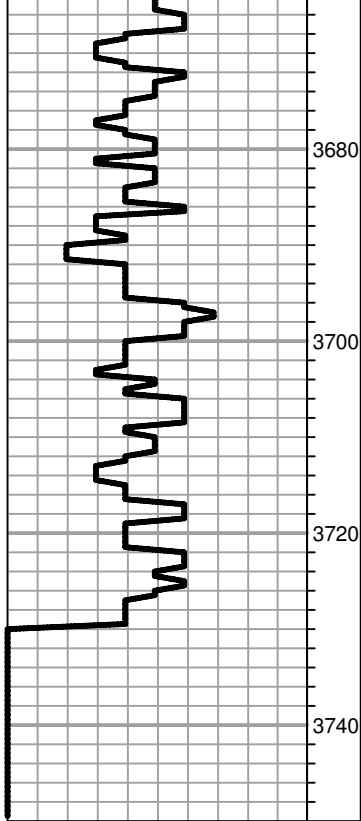
Dolomite; cream-grey, fine xln, dense, few scattered inter xln porosity, black stain, trace free oil, faint-fair odor, Plus Chert; lt. grey, boney, oolitic in part

DST #3 3570-3626
30-45-45-60

Blow; BOB in 25 min
Final; BOB in 25 min
no blow back

Recovery;
150' GIP
150' OCGM (15%o 35%g 50%w)
130' GWMO (20%g 10%w 30%o 40%w)
190' GOWM (15%g 25%o 30%w 30%w)

Pressures;
ISIP 1212
FSIP 1213
IFP 27-139
FFP 163-219
HSH 1725-1758



D

D

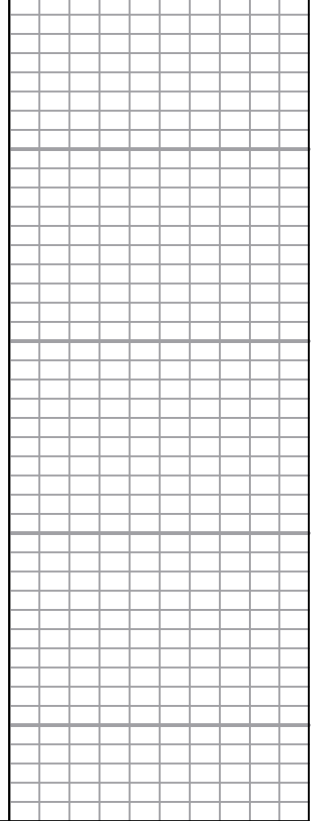
Dolomite and Chert; as above

Dolomite; cream-lt. grey-buff, fine-medium xln, sucrosic, dense, few scattered porosity, NSFO, trace black stain, very faint odor

Dolomite; as above, dense, no shows

Dolomite; cream-tan, fine-medium xln, scattered inter xln porosity, dense, slightly cherty, no shows, Chert; grey-white-cream, boney

Dolomite and Chert as above



GENERAL INFORMATION

Client Information:

Company: L D RILLING INC.

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: QUIVERA RANCH #6

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S34/22S/11W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D1295

Test Unit:

Start Date: 2013/03/11 Start Time: 17:00:00

End Date: 2013/03/11 End Time: 23:20:00

Report Date: 2013/03/11 Prepared By: JOHN RIEDL

Remarks: Qualified By: JOSH AUSTIN

RCOVERY: 150' GIP, 150' OIL CUT GASSY MUD, 130' GAS+WATER CUT MUDDY OIL
190' GAS+OIL CUT MUDDY WATER



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

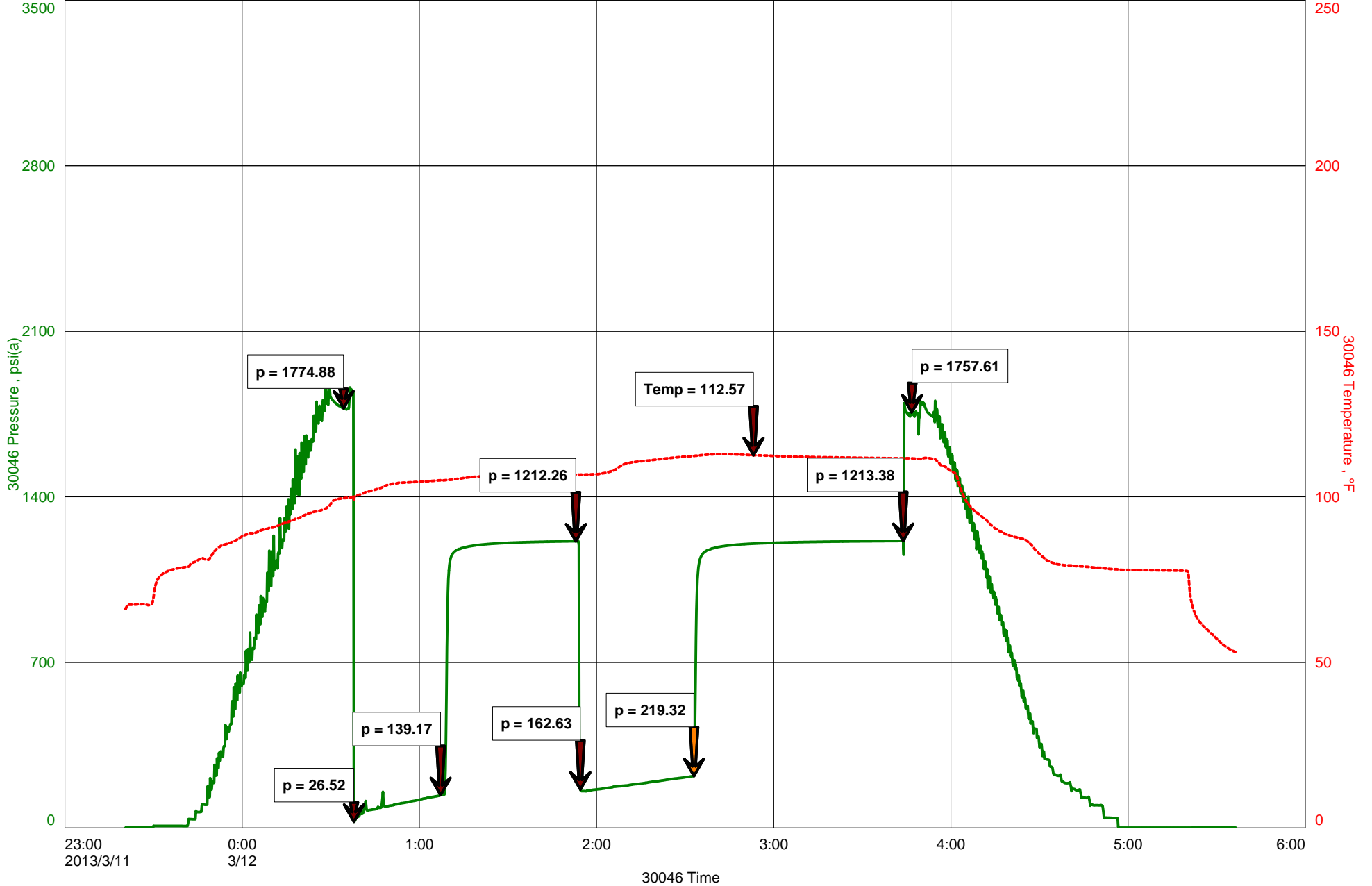
Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ 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.

QUIVERA RANCH #6



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: QUIVERA RANCH #6

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S34/22S/11W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D1294

Test Unit:

Start Date: 2013/03/10 Start Time: 22:00:00

End Date: 2013/03/11 End Time: 03:15:00

Report Date: 2013/03/11 Prepared By: JOHN RIEDL

Qualified By: JOSH AUSTIN

Remarks:

RECOVERY: 70' DRILLING MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

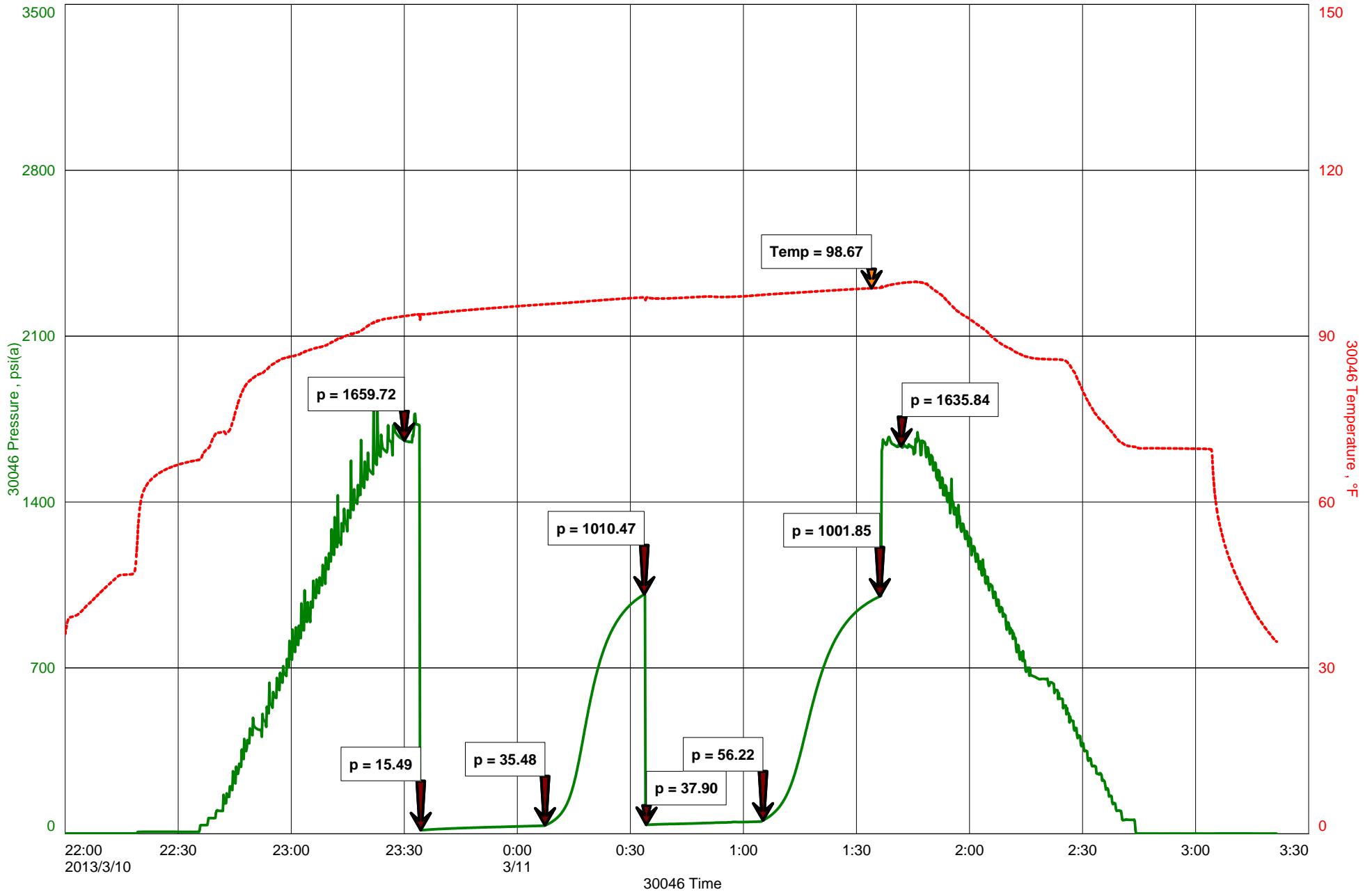
Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ 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.

QUIVERA RANCH #6



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: JOSH AUSTIN

Phone: Fax: e-mail:

Well Information:

Name: QUIVERA R`ANCH #6

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S34/22S/11W

Test Information:

Company: DIAMOND TESTINNG

Representative: JOHN RIEDL

Supervisor: JOSH AUSTIN

Test Type: CONVENTIONAL Job Number: D1293

Test Unit:

Start Date: 2013/03/10 Start Time: 06:00:00

End Date: 2013/03/10 End Time: 11:10:00

Report Date: 2013/03/10 Prepared By: JOHN RIEDL

Qualified By: JOSH AUSTIN

Remarks:

RECOVERY: 130' OIL SPECKED DRILLING MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

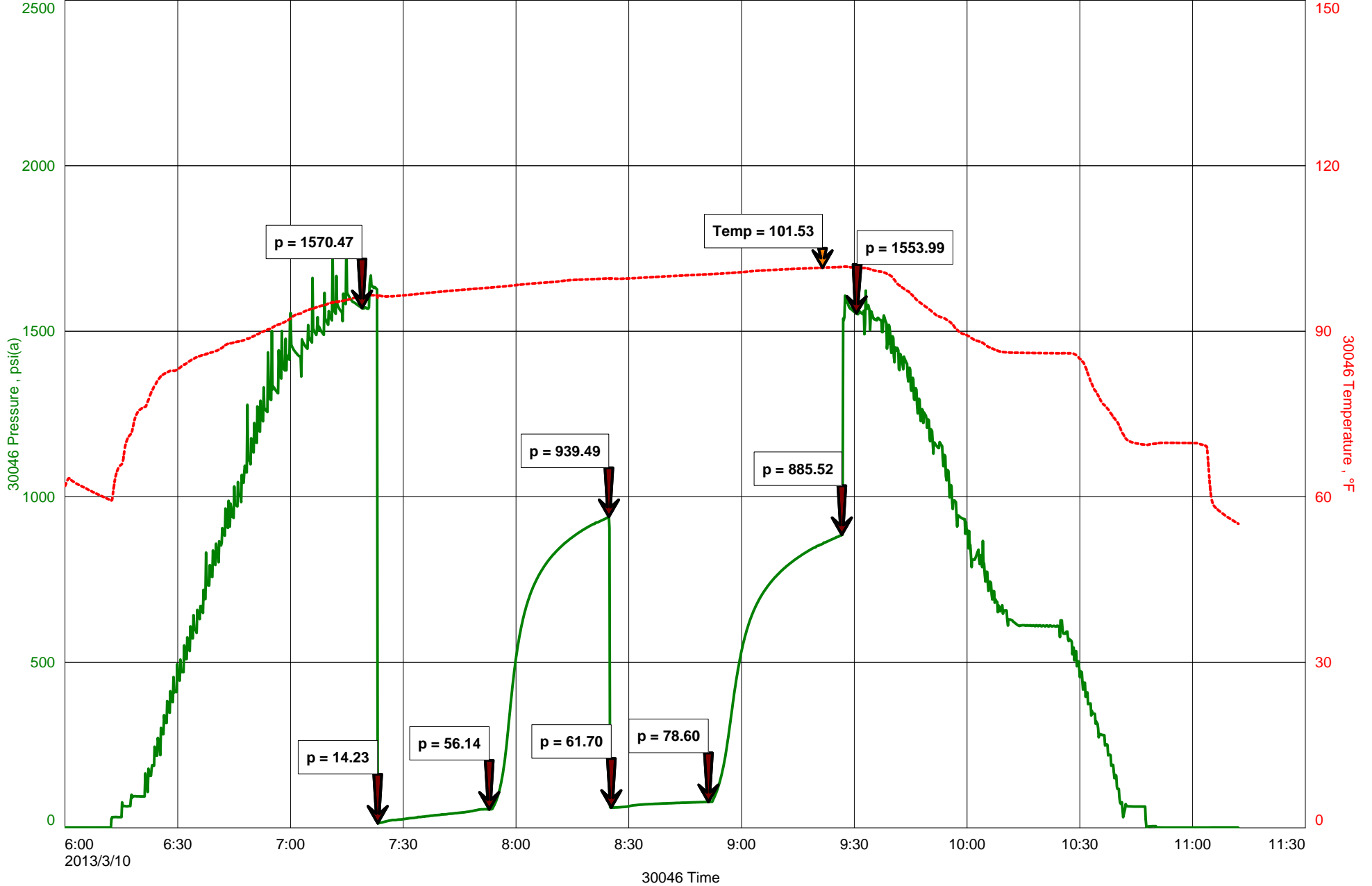
Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ 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.

QUIVERA R`ANCH #6



Customer <i>L.D Drilling</i>	Lease No.	Date <i>3-7-13</i>
Lease <i>Quivira Ranch</i>	Well # <i>6-34</i>	
Field Order # <i>0621</i>	Station <i>Pratt</i>	Casing <i>8 5/8</i>
		Depth <i>347</i>
Type Job <i>2NW 8 5/8</i>	Formation	County <i>Stafford</i>
		State <i>KS</i>
		Legal Description <i>34-22-11</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 5/8</i>								
Depth <i>347</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>20</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>500</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>327</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>Jim</i>	Station Manager <i>SCOTTY</i>	Treater <i>JOE MELSON</i>
---------------------------------------	----------------------------------	------------------------------

Service Units	<i>19959</i>	<i>9843</i>	<i>19826</i>	<i>19860</i>	<i>19907</i>				
Driver Names	<i>EB</i>	<i>M/SS</i>	<i>JD</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>10:45</i>					<i>ON LOC - Safety meeting</i>
					<i>Run 8JTS 8 5/8 casing 23#</i>
					<i>Casing on Bottom</i>
					<i>Breaks circ. with Big</i>
<i>11:45</i>	<i>0</i>		<i>77</i>	<i>5</i>	<i>mix 1755K A. CON @ 12#</i>
			<i>37</i>	<i>5</i>	<i>mix 1755K common @ 15.6#</i>
					<i>shut DOWN</i>
	<i>100</i>				<i>Release Plug</i>
<i>12:30</i>	<i>100</i>		<i>0</i>		<i>START H2O DISPMENT</i>
			<i>0</i>	<i>4</i>	<i>CEMENT TO SURFACE</i>
<i>12:45</i>	<i>100</i>		<i>20</i>	<i>4</i>	<i>Plug DOWN</i>
					<i>Circulation Thru JOB</i>
					<i>Circulated 20 BBL cement to</i>
					<i>Surface</i>



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 08062 A

34-225-11W

DATE _____ TICKET NO. _____

DATE OF JOB 3-12-13		DISTRICT Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER L. D. Drilling, Incorporated				LEASE Quivira Ranch				WELL NO. 6-34	
ADDRESS				COUNTY Stafford		STATE Kansas			
CITY				STATE		SERVICE CREW C. Messick, K. Gordley, M. Mattal, S. Young			
AUTHORIZED BY				JOB TYPE: C.N.W. - Longstring					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 3-12-13	AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	TIME 1:00
19,907	.75	19,903-19,905	.75			ARRIVED AT JOB		AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	8:00
37,216	.75	77,686-73,768	.75			START OPERATION		AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	7:30
						FINISH OPERATION		AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	8:15
						RELEASED	3-12-13	AM <input checked="" type="checkbox"/> PM <input type="checkbox"/>	8:30
						MILES FROM STATION TO WELL	45		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: Jim Nickle
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 100C	Common Cement	skt	150	\$	2,400 00
CP 103	60/40 Poz Cement	skt	30	\$	360 00
CC 105	Defoamer	Lb	36	\$	144 00
CC 111	Salt	Lb	1216	\$	608 00
CC 112	Cement Friction Reducer	Lb	106	\$	636 00
CC 113	Gypsum	Lb	705	\$	528 75
CC 201	Gilsonite	Lb	750	\$	502 50
CF 103	Top Rubber Plug, 5 1/2"	ea	1	\$	105 00
CF 251	Regular Guide Shoe, 5 1/2"	ea	1	\$	250 00
CF 1451	Insert Float Valve, 5 1/2"	ea	1	\$	215 00
CF 1651	Turbolizer, 5 1/2"	ea	6	\$	660 00
CC 159	Flow-Seal 11	Gal	330	\$	1,980 00

CHEMICAL / ACID DATA:			

SUB TOTAL		DLS
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: James R. Messick

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Jim Nickle

FIELD SERVICE ORDER NO. _____

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 ~~08063~~ A
Continuation

34-225-11W

DATE _____ TICKET NO. 8,062

DATE OF JOB: 3-12-13		DISTRICT: Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER: L. D. Drilling, Incorporated				LEASE: Quivira Ranch				WELL NO: 6-34	
ADDRESS:				COUNTY: Stafford		STATE: Kansas			
CITY:		STATE:		SERVICE CREW: C. Messick, H. Gordley, M. Matral, S. Young					
AUTHORIZED BY:				JOB TYPE: C.N.W. - Longstring					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM PM	TIME
						ARRIVED AT JOB		AM PM	
						START OPERATION		AM PM	
						FINISH OPERATION		AM PM	
						RELEASED		AM PM	
						MILES FROM STATION TO WELL			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
E 100	Pickup Mileage	mi	45	\$	191 25
E 101	Heavy Equipment Mileage	mi	90	\$	630 00
E 113	Bulk Delivery	tm	376	\$	601 20
CE 204	Cement Pump: 3,001 Feet To 4,000 Feet	hrs	4	\$	2,160 00
CE 240	Blending and Mixing Service	sk	180	\$	252 00
CE 504	Plug Container	Job	1	\$	250 00
S003	Service Supervisor	hrs	8	\$	175 00

CHEMICAL / ACID DATA:			

SUB TOTAL		DLS	\$ 9,486 53
SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL			

SERVICE REPRESENTATIVE:

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer L. D. Drilling, Incorporated		Lease No. Well # 6-34		Date 3-12-13	
Lease Quivira Ranch		Station Pratt, Kansas		County Stafford Kansas	
Field Order # 8062	Station Pratt, Kansas	Casing 5 1/2 14 Lb	Depth 3729 Feet	Legal Description 34-225-11W	
Type Job C.N.W. - Longstring			Formation		

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME	
Casing Size 5 1/2 14 Lb / Ft.	Tubing Size 4 1/2 14 Lb / Ft.	Shots/Ft	150 sacks	Common	ment	RATE	PRESS
Depth 3729 Feet	Depth	From	188 Salt	5 Lb./St.	Gilsonite		ISIP 5 Min.
Volume 97 Bbl.	Volume	From	To	15.5 Lb./Gal.	Min. 40 Gal./St.		10 Min.
Max Press 1000 P.S.I.	Max Press	From	To		Avg		15 Min.
Wall Connection Plug Container	Annulus Vol.	From	To	30 sacks 60/40 Poz to Plug	Hole Used Rat Hole		Annulus Pressure
Plug Depth 2718 Feet	Packer Depth	From	To	Flush 90.7 Bbl. Fresh Water	Gas Volume		Total Load

Customer Representative Jim Michols	Station Manager David Scott	Treater Clarence R. Messich
Service Units 19,907	37,216	19,903
Driver Names Gordley	Messich	Mattal
		Young

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:15					Cementer and Float Equipment on location.
4:40					Petromark Drilling start to run Regular Guide Shoe, Shoe Joint with Auto Fill Insert screwed into collar and a total of 90 Joints new 14 Lb / Ft. 5 1/2" casing. A Turbolizer was installed on Collars #1, 3, 4, 5, 7, and #9.
6:25		5:00 P.M.			crew on location. Casing in well. Circulate for 1 hour.
7:25	300	2,500		5	Shut in well. Pressure Test. Open well. Start Freshwater Pre-Flush
)		5	5	Start Flow-Seal 11.
			13	5	Start Freshwater Spacer.
7:30	300		18	5	Start mixing 150 sacks common cement.
	-0-		54		Stop pumping. Shut in well. Wash pump and lines. Open Well.
7:39	100			6.5	Start Freshwater Displacement.
			70	5	Start to lift cement.
7:53	500		90.7		Plug down.
	1,000				Pressure up.
					Release pressure. Insert held.
	-0-		7	3	Plug Rat Hole.
					Wash up pump truck.
8:30					Job Complete.
					Thank You.
					Kevin, Clarence, Mike, Steve

TD - 3730'

92 JTs 5 1/2 CSG = 3803.12' THRU

3803.12'

- 39.88' - #84 OUT

- 39.88' - #85 OUT

3723.36' = 90 JTs. 5 1/2 CSG.

+ 6.00' - LAND JT.

3729.36'

RUN 90 JTs. 5 1/2 CSG

SET 5 1/2 AT 3727', 3' OFF BOTTOM.

11' SHOE JT.

INSERT FLOAT AT 3716'

CENTRALIZER ON 1-3-4-5-7-9