



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 Bbls.	Gas Mcf	Water Bbls.	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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	QUIVIRA RANCH 4-34
Doc ID	1141676

Tops

Name	Top	Datum
HEEBNER	3063	-1263
TORONTO	3080	-1280
DOUGLAS	3097	-1297
BROWN LIME	3203	-1403
LANSING	3226	-1426
BASE KANSAS CITY	3487	-1687
VIOLA	3534	-1734
SIMPSON SHALE	3579	-1779
ARBUCKLE	3621	-1821

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 4-34
 Location: 8 5/8" @ 343'
 Pool:
 State: Kansas, Stafford County

API: 15-009-25754-00-00
 Field: Sleeper South
 Country: USA



Joshua R. Austin

Petroleum Geologist

report for

L.D. DRILLING, INC.



Scale 1:240 Imperial

Well Name: Quivira Ranch 4-34
 Surface Location: 8 5/8" @ 343'
 Bottom Location:
 API: 15-009-25754-00-00
 License Number:
 Spud Date: 2/19/2013 Time: 3:34 PM
 Region: Se-Sw-Se-Ne 9-19s-12w
 Drilling Completed: 2/25/2013 Time: 5:50 AM
 Surface Coordinates: 1,710' From North Line & 480' From West Line
 Bottom Hole Coordinates:
 Ground Elevation: 1895.00ft
 K.B. Elevation: 1800.00ft
 Logged Interval: 2800.00ft To: 3730.00ft
 Total Depth: 3730.00ft
 Formation: Arbuckle
 Drilling Fluid Type: Chemical mud was displaced at 2755'

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: Latitude:
 N/S Co-ord: 1,710' From North Line
 E/W Co-ord: 480' 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: 2/19/2013 Time: 3:34 PM
 TD Date: 2/25/2013 Time: 5:50 AM
 Rig Release: Time:

ELEVATIONS

K.B. Elevation: 1800.00ft
 K.B. to Ground: 5.00ft

Ground Elevation: 1895.00ft

NOTES

L.D. Drilling, Inc.

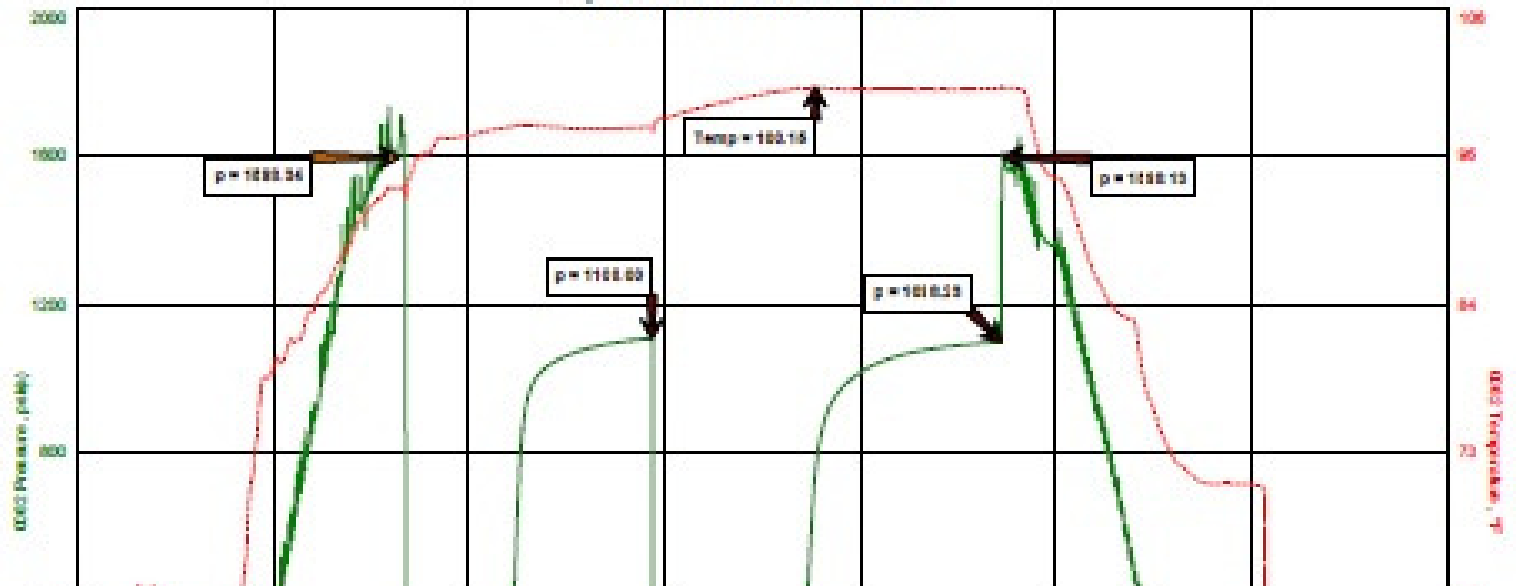
well comparison sheet

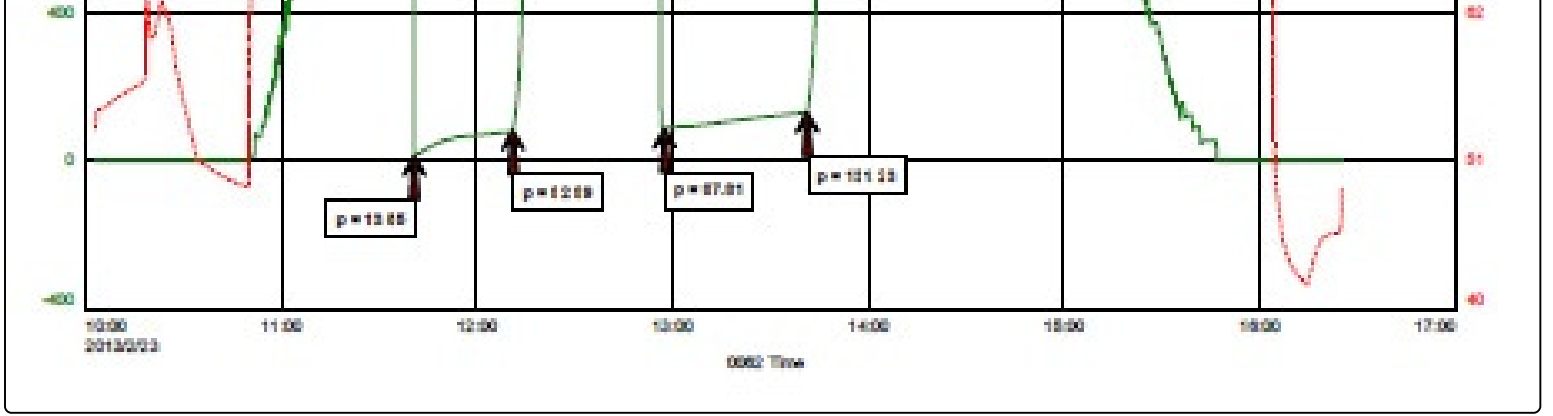
DRILLING WELL					COMPARISON WELL			
Quivera Ranch 3-34					Quivera Ranch 3-34			
							Structural Relationship	
1800 KB					1799 KB			
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log
Heebner	3062	-1262	3063	-1263	3062	-1263	1	0
Toronto	3081	-1281	3080	-1280	3081	-1282	1	2
Douglas	3098	-1298	3097	-1297	3098	-1299	1	2
Brown Lime	3203	-1403	3203	-1403	3203	-1404	1	1
Lansing	3221	-1421	3226	-1426	3221	-1422	1	-4
Base KC	3488	-1688	3487	-1687	3487	-1688	0	1
Viola	3536	-1736	3534	-1734	3532	-1733	-3	-1
Simpson Shale	3578	-1778	3579	-1779	3573	-1774	-4	-5
Arbuckle	3622	-1822	3621	-1821	3617	-1818	-4	-3
Total Depth	3730	-1930	3730	-1930	3720	-1921		

LD Drilling
 DST #1 Lansing "B-F" 3240-3315
 Start Test Date: 2013/02/23
 Final Test Date: 2013/02/23

Quivera Ranch #4-34
 Formation: Lansing "B-F" 3240-3315
 Pool: Sleeper South
 Job Number: F068

Quivera Ranch #4-34

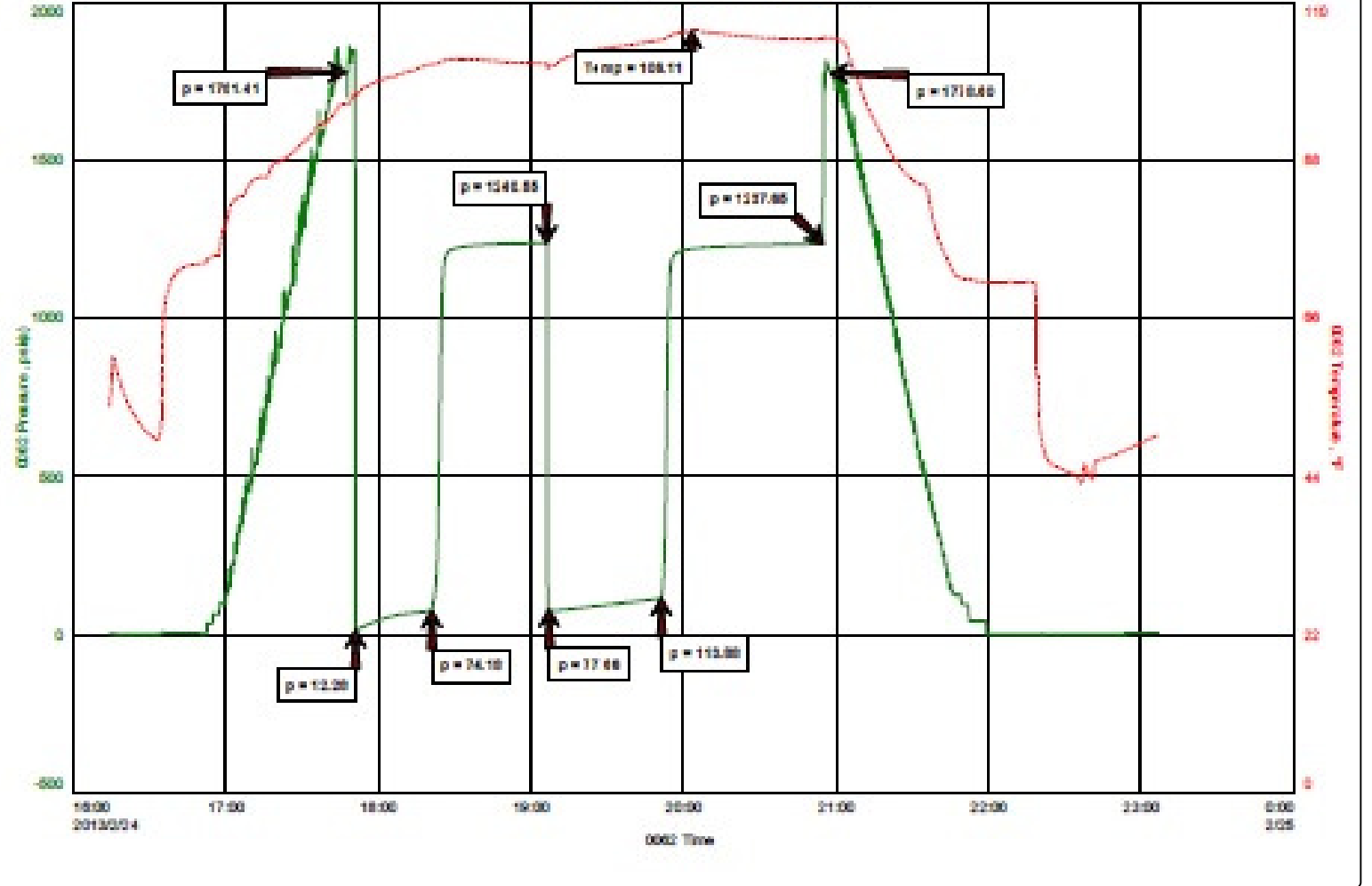




LD Drilling
DST #2: Arbuckle 3573-38287
Start Test Date: 2013/02/24
Final Test Date: 2013/02/24

Quivira Ranch #4-34
Formation: Arbuckle 3573-38287
Pool: Sleeper South
Job Number: F080

Quivira Ranch #4-34



ROCK TYPES

	Cht		Lmst fw> shale, gry		Carbon Sh
	Dolsec		Ss		

OTHER SYMBOLS

DST

	DST Int
	DST alt
	Core
	tail pipe

ROP (min/ft)

Gamma (API)

Cal (in)

ROP (min/ft)

Gamma (API)

Cal (in)

Depth | Intervals
Cored Interval
DST Interval

DST

Lithology

Oil Show

Geological Descriptions

Total Gas (units)

C1 (units)

C2 (units)

C3 (units)

C4 (units)

1:240 Imperial

ROP (min/ft)

Gamma (API)

Cal (in)

ROP (min/ft)

Gamma (API)

Cal (in)

ROP (min/ft)

Gamma (API)

Cal (in)

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150

2900

2920

2940

2960

2980

3000

3020

3040

3060

3080

Limestone; cream-lt. grey, fine-medium xln, fossiliferous, granular, poor porosity

Limestone; cream-buff-lt. grey, fine xln, fossiliferous in part, chalky, plus Chert; grey-white, boney, fossiliferous in part, no shows, few granular pieces

black carboniferous shale

Limestone; buff-tan-cream, fine-medium xln, chalky, highly fossiliferous, granular, dolomitic in part, fossil cast-inter xln porosity, no shows

Limestone; lt. grey-cream, fine xln, chalky, fossiliferous in part, granular, slightly dolomitic, scattered porosity, no shows

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

As above trace grey boney Chert

Limestone; cream, fine xln, granular in part, dense, poor visible porosity, no shows, trace Chert; grey-cream

HEEBNER 3062 (-1262)

Black Carboniferous Shale

grey-green shale

TORONTO 3081 (-1281)

1:240 Imperial

Total Gas (units)

C1 (units)

C2 (units)

C3 (units)

C4 (units)

Total Gas (units)

C1 (units)

C2 (units)

C3 (units)

C4 (units)

Total Gas (units)

C1 (units)

C2 (units)

C3 (units)

C4 (units)

100

100

100

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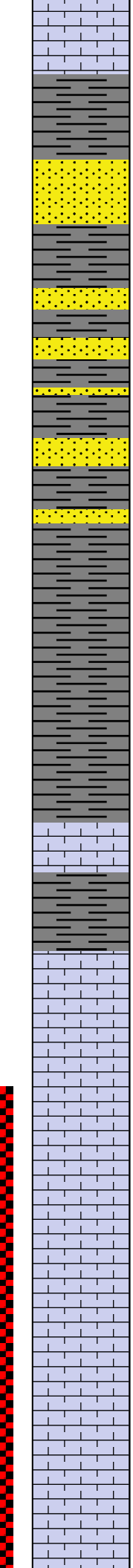
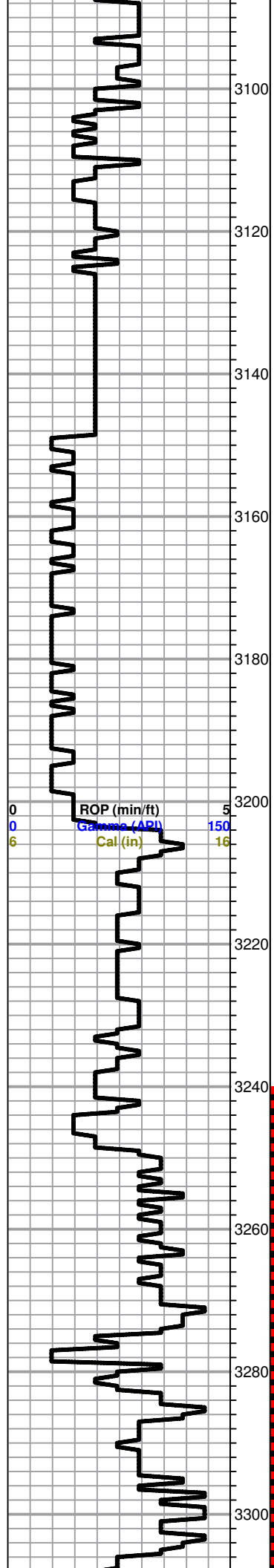
100

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Limestone; cream-white-lt. grey, fine xln, chalky, poorly developed porosity, no shows

DOUGLAS 3098 (-1298)

Shale; greyish green-grey-maroon, micaceous silty in part

Sand; grey- greyish green, very fine grained, micaceous, no shows

Sand; greyish green, very fine grained, micaceous, shaley, poor porosity, no shows

Sand and Shale as above

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

Shale; grey-dark grey, soft

BROWN LIME 3203 (-1403)

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

LANSING 3221 (-1421)

Limestone; white-cream, fine xln, chalky, few fossiliferous-oolitic pieces, no shows

Limestone; cream-grey, fine xln, chalky, fossiliferous-oolitic, dense, poorly developed porosity, no shows

Limestone; as above dense, cherty, plus grey-cream, boney Chert

Limestone; cream-buff, fine-medium xln, chalky, fair inter xln-finely vuggy porosity, brown-golden brown stain, spotty SFO, faint odor

Limestone; grey, cream, fine-medium xln, chalky, fossiliferous in part, dense, poor visible porosity, no shows

Limestone; cream, highly fossiliferous, chalky

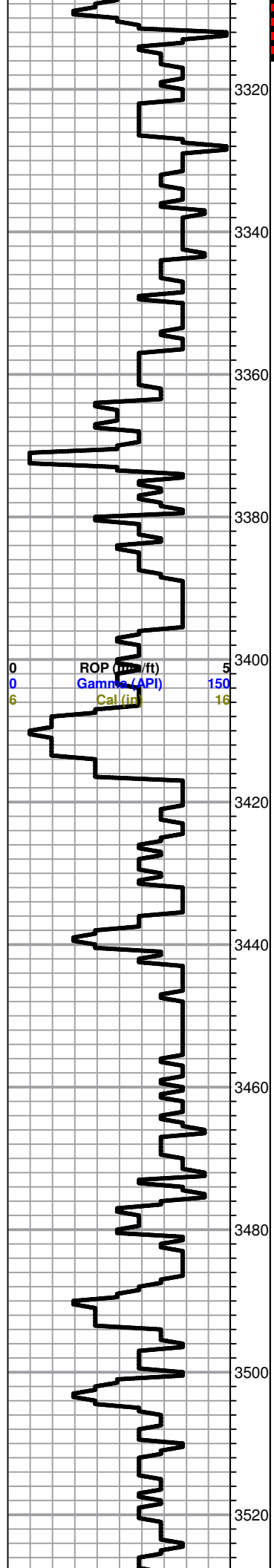
0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

DST #1 3240-3315
30-45-45-60

Blow; BOB in 14 min
surface blow back
Final; BOB in 9 min
1" blow back

Recovery;
375' GIP
75' Gassy sWchOcM
(15%g 5%w 26%o 54% m)
180' sOshWcM
(1%o 27%w 72%m)

Pressures
ISIP 1108
FSIP 1098



in part, fair-good fossil cast type porosity, brown stain, SFO, faint odor

Limestone; cream-tan, oomoldic, chalky, fair oomoldic porosity (Barren)

Limestone; cream-grey-tan, fine xln, fossiliferous-oolitic, dense, poorly developed porosity, plus grey Chert

Dark grey-black shale

Limestone; white-cream, oomoldic in part, chalky, fair inter xln porosity, trace brown spotty stain, NSFO, questionable odor

Limestone; white, cream, fossiliferous/oolitic, chalky, scattered oolitic-fossil cast type porosity, no shows Chert; cream-white, boney

Limestone; cream-buff, oomoldic, chalky, good oomoldic porosity, (barren)

Limestone; tan, cream, fine-medium xln, chalky, highly fossiliferous/oolitic in part, granular, dense, no shows

Limestone; buff-tan, fine xln, dense, poor/no visible porosity, trace brown stain, NSFO, no odor

Limestone; lt. grey-buff, fine xln, cherty in part, dense, no visible porosity, no shows

grey shale

BASE KANSAS CITY 3488 (-1688)

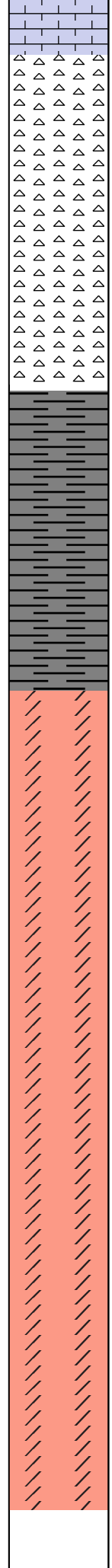
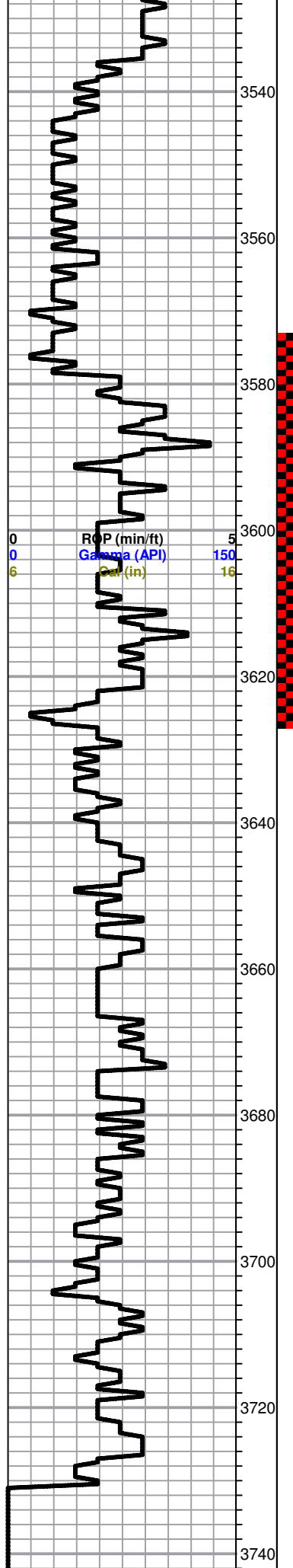
Shale; grey-green-maroon, micaceous in part, silty

Limestone; white-cream, chalky, poor visible porosity, dense, cherty in part

Limestone; as above, shaley

Greyish green shaley Limestone, plus Sand,

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



very fine grained, micaceous in part

VIOLA 3536 (-1736)

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

Chert; cream, mustard, boney/fresh, semi tripolitic, black edge staining

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

SIMPSON SHALE 3578 (-1778)

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

ARBUCKLE 3622 (-1822)

Dolomite; cream-lt. grey, sub oomoldic, fair inter xln-oomoldic porosity, brown-grey stain, SFO, good odor

Dolomite; tan-cream-buff, fine-medium xln, sucrosic, fair-good inter xln porosity, brown-black stain, SFO, good odor

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

Dolomite; cream-buff, fine-medium xln, sucrosic in part, dense, few scattered porosity, NSFO, trace black stain, very faint odor
Chert; white-grey, boney

Dolomite; cream-tan, fine-medium xln, few scattered porosity, dense, slightly cherty, no shows

Dolomite and Chert as above

ROTARY TOTAL DEPTH 3730 (-1930)

DST #2 3573-3626
30-45-45-60

Blow; BOB in 15 min
surface blow back
Final; BOB in 12 min
BOB blow back

Recovery;
470' GIP
180' Clean Oil
40' Muddy Oil
(33% oil, 47% mud)
60' Gassy OCM
(15%g, 20%o, 65%m)

Pressures
ISIP 1241
FSIP 1238
IFP 12-74
FFP 78-114
HSH 1781-1779



Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	LD Drilling	Well Name	Quivira Ranch #4-34
Well Operator	LD Drilling	Unique Well ID	DST #2 Arbuckle 3573'-3626'
Contact	LD Davis	Surface Location	Sec 34-22s-11w-Stafford Co.-KS
Site Contact	Josh Austin	Test Unit	#5
Field	Sleeper South	Pool	Sleeper South
Well Type	Vertical	Job Number	F099
Prepared By	Jake Fahrenbruch	Qualified By	Josh Austin

Test Information

Test Type	Conventional Bottom-Hole	Test Purpose	Initial Test
Formation	Arbuckle 3573'-3626'	Gauge Name	0062
Start Test Date	2013/02/24	Start Test Time	16:14:00
Final Test Date	2013/02/24	Final Test Time	23:07:00

Test Results

Recovered:

180'	Clean Oil	100% oil
40'	Muddy Oil	53% oil, 47% mud
60'	Gssy OCM	15% gas, 20% oil, 65% mud
----	470' Gas In Pipe	
----	Total Recovered Fluid: 280'	
----	Tool Sample: MCO, 80% oil, 20% mud	
----	36 corrected gravity	
----	Bottom Hole Temp: 106 Deg F	

Pressures:

IHP:	1781
IFP:	12-74
ISIP:	1241
FFP:	78-114
FSIP:	1238
FHP:	1779



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

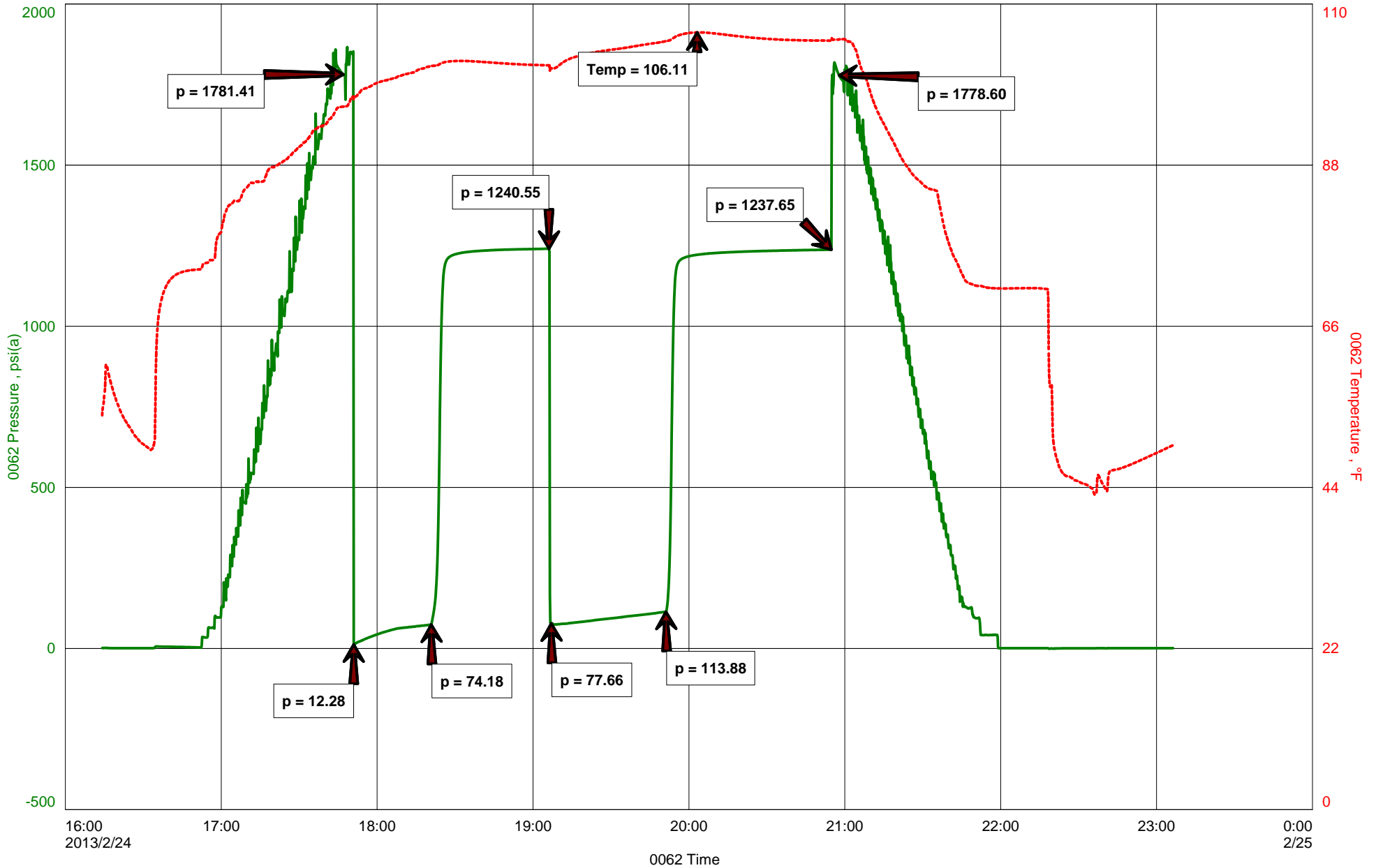
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period.....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

LD Drilling
DST #2 Arbuckle 3573'-3626'
Start Test Date: 2013/02/24
Final Test Date: 2013/02/24

Quivira Ranch #4-34
Formation: Arbuckle 3573'-3626'
Pool: Sleeper South
Job Number: F099

Quivira Ranch #4-34





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	LD Drilling	Well Name	Quivira Ranch #4-34
Well Operator	LD Drilling	Unique Well ID	DST #1 Lansing "B-F" 3240'-3315'
Contact	LD Davis	Surface Location	Sec 34-22s-11w-Stafford Co.-KS
Site Contact	Josh Austin	Test Unit	#5
Field	Sleeper South	Pool	Sleeper South
Well Type	Vertical	Job Number	F098
Prepared By	Jake Fahrenbruch	Qualified By	Josh Austin

Test Information

Test Type	Conventional Bottom-Hole	Test Purpose	Initial Test
Formation	Lansing "B-F" 3240'-3315'	Gauge Name	0062
Start Test Date	2013/02/23	Start Test Time	10:03:00
Final Test Date	2013/02/23	Final Test Time	16:25:00

Test Results

Recovered: 75' Gassy SWCHOCM 15% gas, 26% oil, 5% wtr, 54% mud
 180' SOSHWCM 1% oil, 27% wtr, 72% mud

 Total Recovered Fluid: 255'

 Tool Sample: OWCM, 18%oil, 23% wtr, 59% mud

 375' GIP

 Chlorides: 35,000 ppm

 RW: .17 ohm @ 44 Deg F

 PH: 7.0

 Bottom-Hole Temp: 100 Deg F

Pressures: IHP: 1598
 IFP: 14-83
 ISIP: 1108
 FFP: 88-131
 FSIP: 1098
 FHP: 1598



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

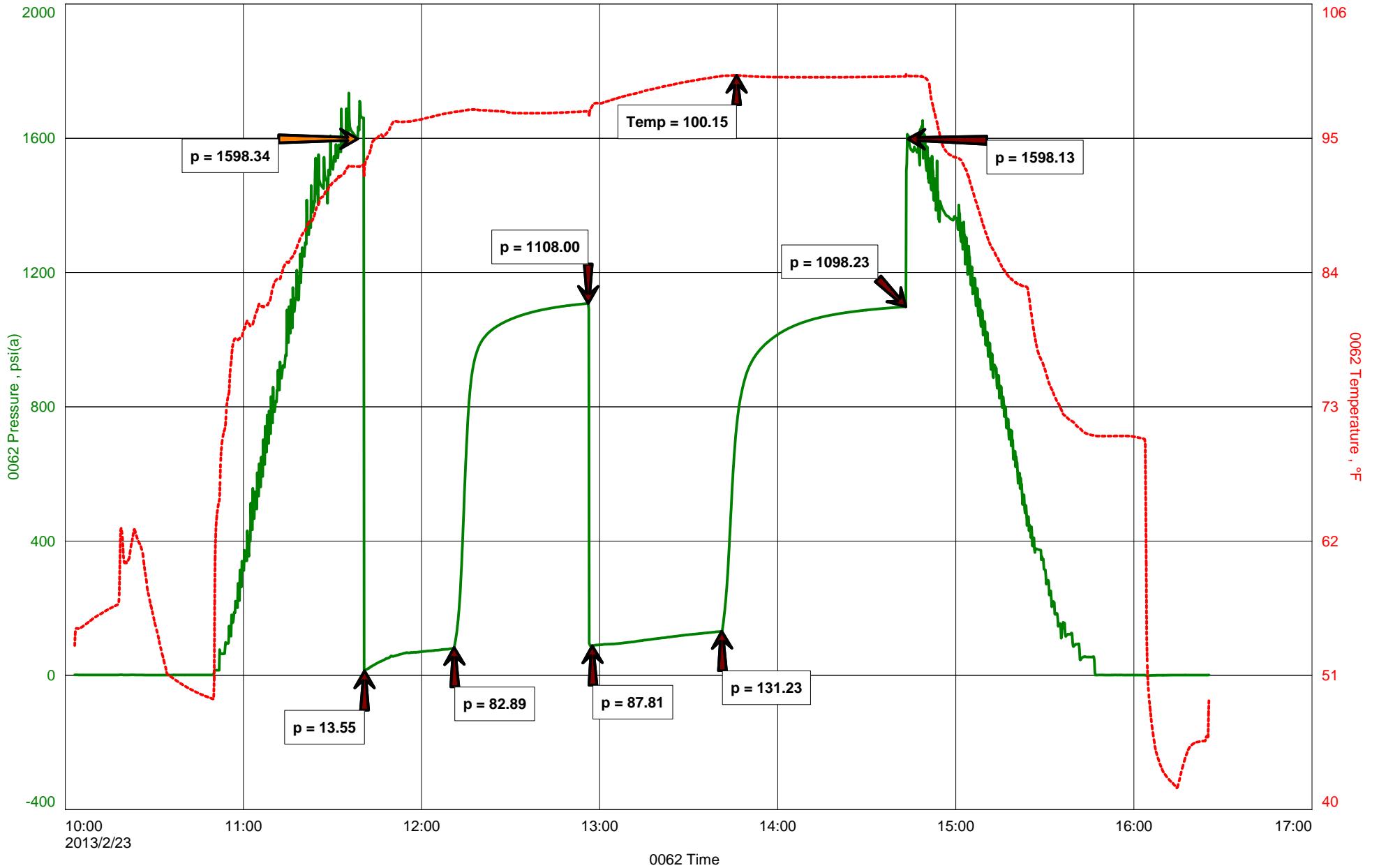
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period.....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

LD Drilling
DST #1 Lansing "B-F" 3240'-3315'
Start Test Date: 2013/02/23
Final Test Date: 2013/02/23

Quivira Ranch #4-34
Formation: Lansing "B-F" 3240'-3315'
Pool: Sleeper South
Job Number: F098

Quivira Ranch #4-34





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 07823 A

DATE _____ TICKET NO. _____

DATE OF JOB 2-20-13 DISTRICT Pratt		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		LEASE Quivera Ranch WELL NO. 434							
ADDRESS		COUNTY Stafford STATE KS							
CITY STATE		SERVICE CREW Orlando, Mcbraw, Young							
AUTHORIZED BY		JOB TYPE: CNW - 8 5/8 Surface							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
27283	1/2						2-19-13	9:30	
27463	1/2					ARRIVED AT JOB		10:30	
77686-73768	1/2					START OPERATION		1:00	
						FINISH OPERATION		1:30	
						RELEASED		2:00	
						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 Mickle*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP101	A-Lon Blend	SK	125		3150 00
CP100L	Common Cement	SK	125		2800 00
CC102	Celloflake	Lb	88		325 60
CC109	Calcium Chloride	Lb	825		866 25
CF153	Wooden Cement Plug 8 5/8	ea	1		160 00
CC131	Sugar	Lb	100		200 00
E100	Pickup Mileage	mi.	45		191 25
E101	Heavy Equipment Mileage	mi.	90		630 00
E113	Bulk Delivery	Tm	743		1188 00
CE200	Depth Charge 0-500	ea	1		1000 00
CE240	Blending & Mixing	SK	350		490 00
CE504	Plug Container	ea	1		250 00
SD03	Service Supervisor	ea	1		175 00
				SUB TOTAL	8569 58

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE *Steve [Signature]* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY *Jim Mickle*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

Customer L.D. Drilling	Lease No.	Date 2-20-13
Lease Quivera Ranch	Well # 4-34	
Field Order # 7823	Station Pratt	Casing 8 5/8
		Depth 3 1/8
Type Job CNW-8 5/8 Surface	Formation	County Stafford
		State KS
		Legal Description 34-22-11

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 8 5/8	Tubing Size	Shots/Ft		175 sacks	A Con Blend	247 Min	RATE
Depth 348	Depth	From	To	175 sacks	Pre Pad Common	1-20 yield	PRESS
Volume 22	Volume	From	To				ISIP
Max Press 1000	Max Press	From	To				5 Min.
Well Connection P.C.	Annulus Vol.	From	To				10 Min.
Plug Depth 330	Packer Depth	From	To	Flush 20			15 Min.
							HHP Used
							Annulus Pressure
							Gas Volume
							Total Load

Customer Representative S.M.	Station Manager Dave Scott	Treater Steve Orlando
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Service Units	27283	27463	77686/73768						
Driver Names	Orlando	McBraw	YOUNG						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:30 AM					On Location - Safety Meeting
					Run 8 sts 8 5/8 casing
					Casing on Bottom
					Break Circ w/ Rig
	250		77	5	Start mixing 175 sacks @ 12#
	250		37	5	Mix 175 sacks Common @ 15.6#
					Release wooden plug
	0		0	5	Start H2O Displacement
	350		9	5	Cement TO Surface
1:30 AM	350		21	5	Plug Down
					Circulation Thru Job
					circulated 12 bbl TO pit



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 07824 A

DATE _____ TICKET NO. _____

DATE OF JOB 2-25-13 DISTRICT Pratt		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		LEASE Quivera Ranch		WELL NO. 434		
ADDRESS		COUNTY Stafford		STATE KS		
CITY STATE		SERVICE CREW Orlando, McBrian, Pierson, Gibson				
AUTHORIZED BY		JOB TYPE:				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 2-25-13 DATE 2-25-13 TIME 10:00
27283	1					ARRIVED AT JOB AM 1:30
27463	1					START OPERATION AM 6:30
19826-19860	1					FINISH OPERATION AM 7:30
19907	1					RELEASED AM 8:00
						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:

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP100	Common	SK	150		2400.00
CP103	60/40 P02	SK	30		3600.00
CC105	C-41P	Lb	36		144.00
CC111	Salt	Lb	1216		6080.00
CC112	Friction Reducer	Lb	106		636.00
CC113	Gypsum	Lb	705		522.75
CC201	Gilsonite	LB	750		502.50
CF108	Top Rubber Plug 5 1/2	ea	1		105.00
CF251	Guide Shoe	ea	1		250.00
CF1451	Flapper Type Insert	ea	1		215.00
CF1651	Turbolizers	ea	6		660.00
CC154	SuperFlush	Gal	500		1225.00
E100	Pickup Mileage	Mi	45		191.25
E101	Heavy Equipment Mileage	Mi	90		630.00
E113	Bulk Delivery	TN	376		601.20
CE204	Depth Charge 3000' - 4000'	ea	1		2160.00
CE240	Blending Tank	SK	180		252.00
CE504	Plus Container	ea	1		250.00
3003	Service Supervisor	ea	1		175.00
SUB TOTAL					8920.28

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE Steve Orland	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY Michael Orland (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO.

Customer	L.D. Drilling		Lease No.			Date	2-25-13	
Lease	Quivera Ranch		Well #	4-34				
Field Order #	Station	Casing	Depth	County	State			
7824	Pratt	5 1/2	3726	Stafford	KS			
Type Job	CNW-5 1/2 L.S.		Formation			Legal Description	34-22-11	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft				RATE	PRESS	ISIP
5 1/2" ID			150 shots	Common				
Depth	Depth	From	To	Pre Pad	Max			5 Min.
3726			.25	Displacer - 1850 Salt				
Volume	Volume	From	To	Pad	Min			10 Min.
90.9			75	CFR - 590 GYPSON				
Max Press	Max Press	From	To	Frac	Avg			15 Min.
1500			5 #/sk	Gilsonite				
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
P.C.			30	shots 60/40 RH				
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load
3714				90.6				

Customer Representative	L.D. Davis	Station Manager	Dave Scott	Treater	Steve Olando
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Service Units	27283	19907	27463	19876	19860				
Driver Names	Olando	Goodley	McGray	Person	G. G. G.				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:30 PM					On location - Safety Meeting
					Run 89 JTS 5 1/2 Casing SS. 12"
					Centralizers 1-3-4-5-7-9
					Casing on Bottom Break Circ w/r.
6:40	300		5	5 1/2	H2O Ahead
6:41	300		10	5 1/2	Super flush
6:44	300		5	5 1/2	H2O spacer
6:45	300		36	5 1/2	Mix 150 shots Common @ 15.5#/gal
					SHUT DOWN with 1/2 Tub cement
					Wash Tub & clear pump line
					Release Plug
7:08	0		0	6	Start H2O Displacement
7:18	300		10	5	Lift pressure
7:20	450		80	2	Slow Rate
7:20	1500		90.6	2	Plug Down - Held
7:30					Plug RH w/60 shots 60/40 por
					JOB Complete
					Thanks, Steve

QUIVIRA RANCH # 4-34

TD - 3730'

RUN 89 JTS. 5 1/2" 14# CASING

SET 5 1/2" AT 3729' W/LANDING JT.

SIDE JT = 12'

INSERT FLOWS AT 3716'

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

92 JTS TALLIED

3 JTS OUT ON RACK, #1, #90, #91