



PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-171-21,116-00-00

Company **Landmark Resources, Inc.**

Well **Rose No. 1-4**

Field **Capstone West**

County **Scott**

State **Kansas**

Location **1,894' FNL & 336' FEL**

Sec: **4**

Twp: **17S**

Rge: **34W**

Permanent Datum **Ground Level** Elevation **3131**
Log Measured From **Kelly Bushing** 10 Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

Other Services
DIL/MEL
Elevation
K.B. 3141
D.F. 3131
G.L. 3131

Date

12/18/2014

Run Number

One

Type Log

CNL / CDL

Depth Driller

4905

Depth Logger

4906

Bottom Logged Interval

4885

Top Logged Interval

3500

Type Fluid In Hole

Chemical

Salinity, PPM CL

7500

Density

9.5

Level

Full

Max. Rec. Temp. F

125

Operating Rig Time

4 Hours

Equipment -- Location

108 | Hays

Recorded By

J. Long

Witnessed By

Terry McLeod

Borehole Record

To

Run No

Bit

From

To

Size

Wgt.

23#

From

To

00

265

TD

7.875

00

00

265

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

00

0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			



















