PIONEER
Pioneer Energy Services

GAMMA RAY / CALIPER LOG

Company CARMEN SCHMITT, INC.
Well HORACEK A NO.2
Field HORACEK
County HODGEMAN
State KANSAS

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Well HORACEK A NO.2
Field HORACEK
County HODGEMAN

Other Services: DIL MEL

Location:
API # : 15-083-21950-00-00
SEC 13 TWP 23S RGE 21W
1695' FNL & 330' FWL
GROUND LEVEL Elevation 2321'

Permanent Datum
Log Measured From KELLY BUSHING
Drilling Measured From KELLY BUSHING

Elevation:
K.B. 2331'
D.F. N/A
G.L. 2321'

Field	Value
Date	6/29/2018
Run Number	ONE
Type Log	BHV
Depth Driller	4594'
Depth Logger	4590'
Bottom Logged Interval	4561'
Top Logged Interval	3800'
Type Fluid In Hole	CHEMICAL
Salinity, PPM CL	8700
Density	9.3
Level	FULL
Max. Rec. Temp. F	122 DEG/F
Operating Rig Time	3 HOURS
Equipment -- Location	108 HAYS
Recorded By	J. HENRICKSON
Witnessed By	BRAD RINE

Run No.	Bit	From	To	Size	Wgt.	From	To
		Borehole Record				Casing Record	
ONE	12.25"	0	223'	8.625"	23#	0	223'
TWO	7.875"	223'	TD				

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

ROZEL KANSAS
WEST TO 340 RD, 10 SOUTH, 4 WEST, 1/2 NORTH, EAST INTO

Log Measured From: KELLY BUSHING   10 Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES
www.pioneeres.com   785-625-3858

Your Pioneer Energy Services Crew	This Log Record Was Witnessed By
Engineer: J. HENRICKSON	Primary Witness: BRAD RINE
Operator:	Secondary Witness:
Operator:	Secondary Witness:
Operator:	Secondary Witness:

Database File	carmen_schmitt_horacek_a_2.db
Dataset Pathname	stackml/pass3.24
Presentation Format	bhv5half
Dataset Creation	Fri Jun 29 12:02:27 2018
Charted by	Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 150	16 CALIPER (in) 6	6 CALIPER (in) 16
	16 BIT SIZE 6	6 BIT SIZE 16
	0 BVTX (ft3) 15	15 AVTX (ft3) 0

Depth markers:
- 3800 — 271 — 142
- 3850 — 256 — 135
- 3900 — 240 — 128
- 3950 — 223 — 120

4000	206		111
	189		101
4050			
4100	171		92
4150	155		84
4200	137		75

	4250	119	65
	4300	102	56
	4350	84	46
	4400	63	34

0	GAMMA RAY (GAPI)	150

16	CALIPER (in)	6	6	CALIPER (in)	16
16	BIT SIZE	6	6	BIT SIZE	16
0	BVTX (ft3)	15	15	AVTX (ft3)	0