



LARIO OIL & GAS COMPANY
KNOBBE #3-4
840' FNL & 725' FWL of Section 4-T19S-R37W
WICHITA COUNTY, KANSAS
API#15-203-20329-00-00

Geologist's Report

WellSight Systems

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

Well Name: Knobbe #3-4
API: 15-203-20329-00-00
Location: 840' FNL & 725' FWL of Section 4-T19S-R37W
License Number: API#15-203-20329-00-00 Region: Wichita County, KS
Spud Date: 03-05-2018 Drilling Completed: 03/19/2018
Surface Coordinates: 840' FNL & 725' FWL of Section 4-T19S-R37W

Bottom Hole Vertical Test P & A
Coordinates: Field: Obi-Wan
Ground Elevation (ft): GL 3327 K.B. Elevation (ft): KB 3336
Logged Interval (ft): RTD To: 3400 Total Depth (ft): RTD 4855
Formation: Morrow
Type of Drilling Fluid: Chemical (Displaced @ 3572')

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

Operator

Company: Lario Oil & Gas Company
Address: 301 S Market
Wichita, Kansas 67202
Division Geologist: John Hastings

Geologist

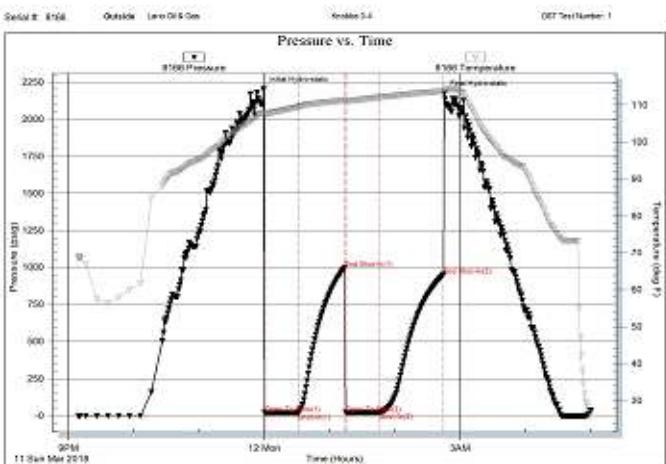
Name: Richard S.(Steve) Davis Jr.
Company: Consulting Petroleum Geologist
Address: 7329 E. Norfolk
Wichita, Kansas 67206
Cell 316-772-6479 Home 316-686-1193

FORMATION TOPS

Formation	Sample	E-Log	Datum	Formation	Sample	E-Log	Datum
KB 3336							
Anhydrite	2362	NA	+974	Lansing L	4310	NA	-974
B/Anhydrite	2381	NA	+955	BKC	4376	NA	-1040
Stotler	3509	NA	-173	Marmaton	4414	NA	-1078
Topeka	3718	NA	-382	Pawnee	4505	NA	-1169
Heebner	3900	NA	-564	Fort Scott	4528	NA	-1192
Lansing	3940	NA	-604	Cherokee Sh	4543	NA	-1207
Lansing D	4060	NA	-724	Lwr Cherokee	4584	NA	-1248
Muncie Creek	4149	NA	-813	Johnson	4653	NA	-1317
Lansing H	4163	NA	-827	Morrow	4758	NA	-1422
Lansing I	4191	NA	-855	Basal Penn Sd		NA	
Lansing J	4219	NA	-883	Mississippi		NA	
Stark	4244	NA	-908	Total Depth	4855	NA	-1519
Lansing K	4249	NA	-913				
Hushpuckney	4297	NA	-961				

DAILY PENETRATION: 7:00 AM

Date	Depth	Activity	CONTRACTOR:
03/05/18	0	MIRU & Spud	Duke Drilling Rig #4
03/06	375'	Drlg	Toolpusher: Hector Tores
03/07	1850'	Drlg	MUD:
03/08	2772'	Drlg	Mud Co (displacement complete @ 3572')
03/09	3400'	Drlg	Reed Atkins
03/10	3940'	Drlg	DRILL STEM TESTING: Trilobite Testing Inc.
03/11	4335'	Drlg	Brandon Turley
03/12	4442'	TIH w/ bit	ELECTRIC LOG: No open hole log
03/13	4523'	Drlg	
03/14	4647'	Drlg	CASING RECORD:
03/15	4790'	TIH w/DST 4	Surface: 8 5/8" @ 347' w/ 240 sx
03/16	4855'	TOH, plugged bit	Production: None
03/17	4855'	Lost circ.	BIT RECORD:
03/18	4855'	Lost circ.	Bit No./Size Make/Type Out Ftg Hrs
03/19	4855'	P&A	#1/ 12 1/4" JZ RT 347' 347' 1 3/4
			#2/ 7 7/8" VarHE21MSV 4855' 4508' 121 1/2

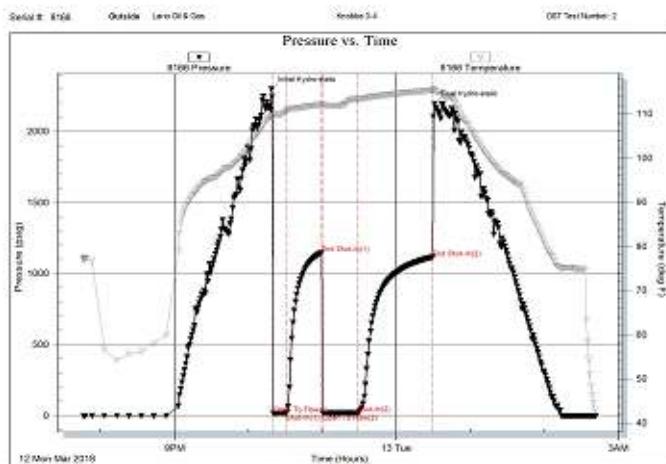


DST#1 4374-4442 (Marmaton)

Fixate Testing, Inc.

Part No: 640311

Printed: 2018-03-12 © c1 1000

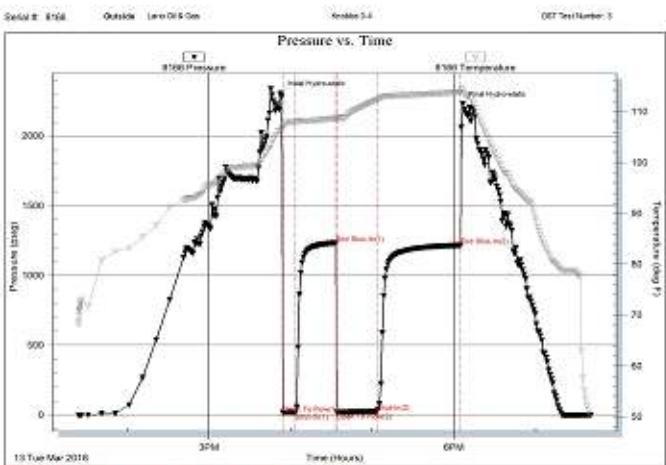


DST#2 4485-4515 (Pawnee)

Flexible Testing, In-

64012

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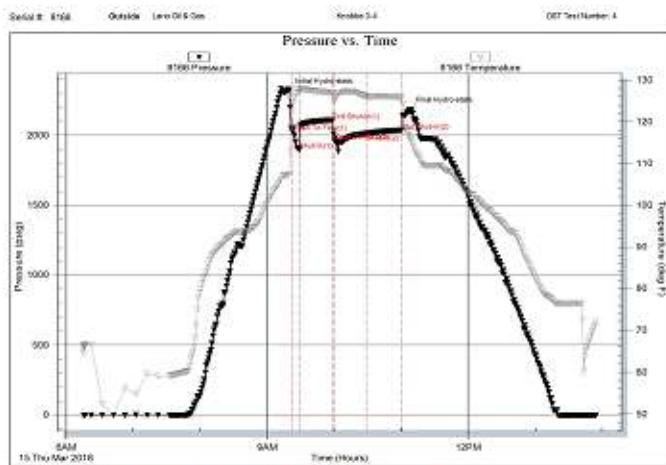


DST#3 4520-4546 (Fort Scott)

Fischer Testing, Inc.

Part No: 64312

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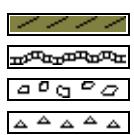
DST#4 4710 - 4790 (Johnson & Morrow Sand)

Fixtures, Fixings, In-

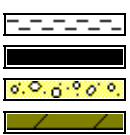
64216

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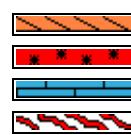
Rock Types



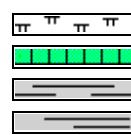
Anhy Bent Brec Cht



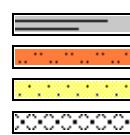
**Clyst
Coal
Congl
Dol**



**Gyp
Igne
Lmst
Meta**



MrIst Salt Shale Shcol



**Shgy
Sltst
Ss
Till**

ROP (min/ft)		Depth	Lithology	Geological Descriptions	Remarks
0	ROP (min/ft)	15			
0	ROP (min/ft)	15	3400		Start 20' Wet & Dry Samples @ 3400'

