Tim J. Lauer
Petroleum Geologist

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GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY..... *Shakespeare Oil Co., Inc.*
LEASE..... *Mazanec #1-12*
FIELD.....
LOCATION..... *1700' FNL, 335' FEL, NE/4*
..... *12 TWSP 17S RGE 30w*
COUNTY..... *Wichita* STATE *Kansas*
CONTRACTOR..... *Southwind Drilling Rig #8*
SPUD..... *10-23-2010* COMP *10-29-2010*
TTD..... *3707'* RTD *3700'* LTD *3707'*
MUD UP..... *Chemical* TYPE MUD..... *Chemical*
SAMPLES SAVED FROM..... *3700'* TO *RTD*
DRILLING TIME KEPT FROM..... *3700'* TO *RTD*
SAMPLES EXAMINED FROM..... *3700'* TO *RTD*
GEOLOGICAL SUPERVISION FROM..... *3645'* TO *RTD*
GEOLOGIST ON WELL..... *Tim J. Lauer*

FORMATION TOPS	ELECTRIC LOG	SAMPLE LOG
	Structure	*Structure*
Heebner	*4012 -1841*	*4012 -1842*
Lansing	*4250 -2079*	*4250 -2080*
Stark Shale	*4562 -2391*	*4562 -2392*
Base	*4620 -2449*	*4620 -2450*
Marmaton	*4640 -2469*	*4642 -2470*
Cherokee Shale	*4858 -2687*	*4858 -2688*
Mississippian	*4924 -2753*	*4924 -2754*
Mississippian	*4970 -2799*	*4970 -2800*
Total Depth	*4970 -2799*	*4970 -2799*

ELEVATIONS
KB..... *3174'*
DF.....
GL..... *3164'*
Measurements Are All From..... *3174' KB*

CASING
SURFACE..... *8 5/8" @ 265'*
PRODUCTION..... *None*

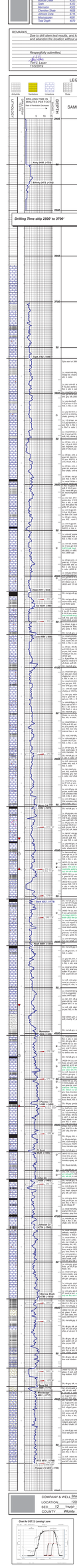
ELECTRICAL DRILLERS
Never: DIPR, DL, ML, RE, Sonic
Log: *Sun Wireline*

REMARKS.....
Due to drill stem test results, and log evaluation, operator elected to plug and abandon the location without any further testing.

Respectfully submitted,
Tim J. Lauer
Tim J. Lauer
11/3/2010

Lic # 32321000
Lang. 30-1392-0400
MAD 82

API: 15-203-20,363-00-00


LEGEND
Shale
Cast Oil
Chalky LS
Chert
Dolomite
DRILLING TIME IN MINUTES PER 5 FEET
Drilling Time abvp 2500' to 3700'
SAMPLE DESCRIPTION
REMARKS
DST #1 4246'-4264' 10-23-2010
IFO 1/20 FW 1 in 20 min
DST RECOVERY:
1 foot of oil cut mud
(trace of oil on tool)
VERTICAL SURVEY:
1/4 @ 265'
1 @ 1700'
1 @ 3700'
DAILY ACTIVITY REPORT:
10-23-2010 - 7:00 AM
MI, RU, Prep to Spud
10-24-2010 - 7:00 AM
Drlg @ 1100'
10-25-2010 - 7:00 AM
Drlg @ 2100'
10-26-2010 - 7:00 AM
Drlg @ 3100'
10-27-2010 - 7:00 AM
CFCRW @ 3707' TD
10-28-2010 - 7:00 AM
Drlg @ 4100'
10-29-2010 - 7:00 AM
CFCRW @ 4970' TD
10-30-2010 - 7:00 AM
Drlg @ 4970'
11-1-2010 - 7:00 AM
CFS @ 4970'
11-2-2010 - 7:00 AM
Finish Rig Down
Plug and Abd.
Cal Pack 2000
Est Pkr 10-24-2010
Geologist on location 3700'
Log 10-29-2010
Drilling Time abvp 2500' to 3700'
Top of Lansing
Top of Stark Shale
Top of Base
Top of Marmaton
Top of Cherokee Shale
Top of Mississippian
Top of Mississippian
Top of Total Depth
DST #1 4246'-4264'
30-30-30-30
IFO 1/20 FW 1 in 20 min
DST RECOVERY:
1 foot of oil cut mud
(trace of oil on tool)
DST #2 4640'-4700'
30-30-45-60
IFO 1/20 FW 1 in 20 min
DST RECOVERY:
1 foot of oil cut mud
(trace of oil on tool)
DST #3 4858'-4900'
30-30-45-60
IFO 1/20 FW 1 in 20 min
DST RECOVERY:
1 foot of oil cut mud
(trace of oil on tool)
DST #4 4924'-4970'
30-30-45-60
IFO 1/20 FW 1 in 20 min
DST RECOVERY:
1 foot of oil cut mud
(trace of oil on tool)
Top of Lansing
Top of Stark Shale
Top of Base
Top of Marmaton
Top of Cherokee Shale
Top of Mississippian
Top of Mississippian
Top of Total Depth
Chart Source: Kansas Geological Society
Chart Date: 10-29-2010
Chart Scale: 1" = 100'