API #15-051-20022

Saman Shaffaie
Petroleum Geologist

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

OPERATOR	Ritchie Exploration, Inc.
LEASE	Stone Corral
WELL	#1-19
FIELD	Bemis-Shutts
COUNTY	Ellis Kansas
CONTRACTOR	Discovery Drilling Rig #4
SPUD	4/8/10 CHP 5/8/10
RTD	4/9/10 CHP 5/8/10
LTD	4/9/10 CHP 5/8/10
MUD UP	Chemical
DRILLING TIME	Every 10' from 3300' - RTD
SAMPLES SAVED FROM	3300' - RTD
GEOLOGICAL SUPERVISION FROM	3300' - RTD
DRILLING TIME SHOWN	Minutes per Inch
ELECTRICAL SURVEY	Trans Pacific Oil Corp. - Dual Induction - Sonic - CDL/CNL/PE

ELEVATIONS
KB 2021'
DF 2019'
GL 2012'

CASING
Surface: 8 5/8" @ 217'
Production: None - Dry & Abandoned

ELECTRICAL SURVEY
Trans Pacific Oil Corp.
CDL/CNL/PE
Dual Induction
Sonic

API #15-051-20022

REMARKS: Due to very fast shows of oil in multiple pay zones and negative DST results, it is recommended and agreed upon by all parties that this well shall be plugged and abandoned.

Respectfully Submitted,

Saman Shaffaie
Petroleum Geologist

*Tops have been adjusted to electric logs

Curve Track 1: KCF (feet)
Gamma (API)
Caliper (inches)

Curve Track 2: KCF (feet)
Gamma (API)
Caliper (inches)

Depth | Lithology | Geological Descriptions | Engineering Data

Stone Corral 1688 (+450)

Base Stone Corral 1854 (+284)

DAILY PENETRATION
0 - 1748 LKB
05/05/10 - Drilling at 2:30 PM
05/06/10 - Drilling at 510'
05/07/10 - Drilling at 245'
05/08/10 - Drilling at 1748'
05/09/10 - Tripping at 2257'
05/10/10 - Drilling at 3015'
05/11/10 - Drilling at 3300'
05/12/10 - Tripping at 3554'
05/13/10 - Tripping at 3630'
05/14/10 - Tripping at 3630'

ss, varicolored, f-m, well lt hvy, oil lt show, tilty, pr cement lt w/ sun, fr CGs, sm

ss, lt gray/gray, f-m, fr CGs, pyr, lime w free lt, slow, fair oil, fair odor, fair cut

ss, f-m

ss, varicolored, f-m, fr CGs, lt hvy, lime w/ free oil, slow, fair odor, fair cut, sm sh

ss, f-m, pyr, sm sh

ss, f-m, pyr, sm sh

Topeka 3268 (-1246)

ss, f-m, pyr, sm sh

ss, f-m, pyr, sm sh

ss, f-m, pyr, sm sh