TRANS PACIFIC OIL CORPORATION

API # 15-163-24275

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

Geologist on Well: Alex Chapin
LEASE: Zillinger A Unit 1-19
FIELD: Wildcat
LOCATION: 2272'FNL & 1268'FEL
SEC: 19 TWSP: 6S RGE: 18W
COUNTY: Rooks STATE: Kansas
CONTRACTOR: Shields
SPUD: 3/7/2015 COMP: 3/16/2015
RTD: 3922 LTD: 3924
MUD UP: 2800 TYPE MUD: CHEMICAL
SAMPLES SAVED FROM: 2800 TO RTD
DRILLING TIME KEPT FROM: 2700 TO RTD
SAMPLES EXAMINED FROM: 2700 TO RTD
GEOLOGICAL SUPERVISION FROM: 2700
REFERENCE WELL: South Hazen #1, NW NW NE, Section 29-6S-18W

ELEVATIONS
KB: 2141
DF:
GL: 2136
Measurements Are All From Kelly Bushing

CASING
CONDUCTOR:
SURFACE: 5 jts. 8-5/8", set @ 218'
PRODUCTION:

ELECTRICAL SURVEYS
DIL, DUCP, MICRO, SONIC, PE
NABORS

Formation	Sample Tops	E-log Tops	Struct Pos.
Anhydrite	1699 (+442)	1699 (+442)	-31
Base Anhydrite	1728 (+413)	1721 (+420)	-24
Topeka	3140 (-999)	3142 (-1001)	-17
Heebner	3342 (-1201)	3345 (-1204)	-13
Lansing	3383 (-1242)	3385 (-1244)	-14
BKC	3609 (-1468)	3608 (-1467)	-12
Arbuckle	3719 (-1578)	3721 (-1580)	
Precambrian	3911 (-1770)		
RTD	3922 (-1781)	3924 (-1783)	

Zillinger A Unit 1-19
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REMARKS: The Zillinger A Unit came in structurally low to the surrounding wells on the Anhydrite. Although it did thin when we reached the Heebner, it was still low to our reference well and the surrounding wells. There was also lack of development in multiple Lansing zones. Due to poor drill stem test and our structural position it was decided to plug the Zillinger A Unit.

LEGEND

Anhydrite, Sandstone, Limestone, Shale, Carb Sh, Cherty LS, Chert, Dolomite

LITHOLOGY	DEPTH	DRILLING TIME IN MINUTES PER FOOT (Rate of Penetration Decreases →) 1.0 5 10 20	SAMPLE DESCRIPTION	LOG

ANHYDRITE 1699' (+442)

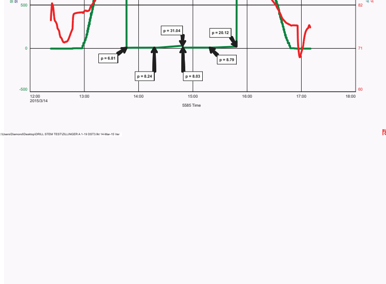
-Snd, wht, fgrnd, rounded, clumps
-Sh, gry-red-grn
-Lm, gry-tn-wht, mxln, foss, blky, sft-chky
-Sh, gry-red
-Lm, gry-tn, vfxl, hrd-dns, sli foss
-Sh, gry
-Sh, gry
-Lm, gry, fxln, sli foss, sft
-Sh, gry
-Lm, wht, vfxln, sft-chky
-Sh, gry
-Lm, gry-wht, fxln-mxln, sli foss, sli oo
-Lm, gry-tn, vfxln
-Lm, gry, fxln, blky-hrd, sli foss
-Lm, tn, fxln, hrd, sli foss
-Sh, gry
-Lm, tn, fxln, hrd, sli foss
-Sh, gry
-Sh, gry
-Lm, gry-tn, mxln, sli foss, hrd-dns
-Sh, gry
-Sh, gry
-Sh, gry
-Lm, tn-gry, hrd-dns, vfxln
-Lm, tn-gry, vfxln, hrd-dns, vfxln, sli foss
-AA
-Lm, gry, fxln, hrd, sli foss
-Lm, gry-wht, mxln, sft-chky, oo, sli foss
-Lm, gry-tn-wht, vfxln-mxln, sft-chky, sli foss, sli oo
-Lm, gry-tn, hrd-dns, sli foss
-Lm, wht, fxln, sft-chky, sli oo, foss
-Lm, wht, fxln, sft-chky, sli oo, foss
-Lm, gry, hrd-dns, foss
-Lm, gry, hrd-dns, foss
-Lm, gry, sft, mxln, abnd foss
-Lm, gry, sft-chky, hrd, abnd foss, mxln
-Lm, gry, mxln, foss, hrd
-Sh, gry-red
-Lm, wht-gry, fxln-mxln, foss, sft
-Sh, gry-red-grn
-Lm, gry, mxln, foss, hrd-dns
-Lm, gry, mxln, foss, hrd-dns
-Lm, wht-gry, fxln-mxln, foss
-Lm, tn-gry, fxln-mxln, foss, hrd-dns, no odor, NS
-Lm, gry, mxln, foss, hrd
-Lm, gry, mxln, hrd-dns, foss
-Lm, wht-tn, vfxln-fxln, sft-chky, foss
-Lm, wht-tn, vfxln-fxln, foss, sft-chky
-Lm, tn, vfxln, hrd-dns, foss
-Lm, mxln, abnd foss, hrd-dns
-Lm, gry-wht, mxln, abnd foss
-Lm, gry-wht, vfxln, sft-chky
-Lm, gry-wht, vfxln, sft-chky, sli foss, sli oo
-Lm, gry, mxln, hrd-dns, no odor, NS
-Lm, tn-gry, vfxln-mxln, sft-hrd, chky
-Lm, tn, mxln, hrd-dns, foss
-Cht, wht
-Lm, tn-gry, fxln-mxln, abnd foss, oo
-Cht, wht, oo,
-Lm, wht, vfxln, sft-chky
-Lm, wht-tn-gry, vfxln-mxln, foss
-Sh, blk, carb
-Lm, tn, mxln, sft-chky, foss, NS, no odor
-Lm, tn-wht, vfxln, hrd-dns, blky, NS, no odor, no∅
-Lm, tn-wht, vfxln-fxln, blky, NS, no odor, no∅
-Lm, wht, vfxln, sft, no odor, NS, no∅
-Cht, wht
-Lm, wht, vflxn, cln lm, sft, no odor, NS, no∅
-Lm, wht, vfxln, fossifrs, sft, NS, no odor, no∅
-Lm, wht, vfxln, sft, v/sli intxln∅, NS,
-Sh, gry
-Lm, wht, vfxln-fxln, sft-chky, sli intxln∅, v/sli odor, v/sli stn
-Lm, wht, vfxln, hrd-dns,sli intxln∅, no odor, NSFO, v/sli stn
-Lm, wht, fxln, hrd-dns, no odor, v/sli stn, NSFO, v/sli intxln∅
-Lm, wht, vfxln, hrd-dns, fr stn, no odor, NSfO, v/sli intxln∅
-Lm, gry-wht, vfxln, hrd-dns, blky, no odor, NS, no∅
-Lm, gry, vfxln, hrd-dns, blky, no odor, NS, no∅
-Lm, gry-wht, vfxln, hrd-dns, foss, no odor, NS, no∅
-Sh, blk, carb
-Lm, tn-gry, vfxln, hrd-dns, sli foss, NS, no odor, no∅
-Cht, gry
-Lm, wht-tn, vfxln, hrd-dns, NS, no odor, v/sli intxln∅
-Cht, wht
-Lm, tn-wht, vfxln, hrd-dns, no odor, NS, no∅
-Cht, wht
-Lm, wht-gry, vfxln, foss, v/sli odor, NSFO, fossifrs∅, fr stn
-Lm, wht, vfxln, sft, sli odor, fr stn, fr inxln∅, VSSFO
-Sh, blk, carb
-Lm, wht-gry, vfxln, sft-chky, hrd, no odor, no stn, no∅
-Lm, wht-gry, vfxln, sft-chky, platy, NS, no odor, no∅
-Sh, blk, carb
-Lm, wht, vfxln, hrd-dns, no odor, NS, no∅
-Sh, blk-gry-grn-red
-Sh, gry-grn-red
-Sh, gry-grn-red
-Lm, wht-gry, sft-chky, mxln
-Cht, gry-wht, oo
-Sh, red-gry
-Lm, wht-tn-gry, vfxln-mxln, foss, fossilifrs∅
-Sh, gry-grn
-Lm, wht, vfxln-mxln, oo∅, fossilifrs∅
-Sh, red-grn-gry
-Lm, wht, mxln, oo, foss, oo∅, fossilifrs∅
-Sh, gry-red-grn
-Lm, wht-red, mxln, oo, foss
-Sh, red-grn-gry
-Cht, red
-Conglomorate
-Cht, red, oo
-Sh, red
-Cht-red, oo

ARBUCKLE 3719 (-1595)
CIRC 3625

-Dolo, wht, fxln, no odor, NS, no∅, hrd-dns, suc
-Dolo, wht, min stn, mxln, suc, hrd, fr∅, no odor, NS
-Dol, wht, min stn, mxln, suc, hrd-dns, fr∅, NS, no odor
-Dol, AA
-Dol, AA
-Dol, wht, mxln, sur, hrd-dns, no∅, NS, no odor
-Dol, AA
-Dol, wht, mxln, suc, hrd-dns, poor∅, glauc
-Dol, wht, mxln, hrd-dns, suc , poor , glauc
-Sndy Dolo, mgrn, sub ang, wht
-Dol, wht, mxln, hrd-dns, suc , poor∅, glauc
-Sndy Dolo, mgrn, sub ang, wht
-Dol, wht, fxln-mxln, hrd-dns, poor∅, abnd glauc
-Dolo, wht, fxln-mxln, hrd-dns, glauc, lrg grn, sub rounded, snd
-Dol, wht-red, fxln-mxln, abnd glauc, hrd-dns, snd AA
-Dol, wht-red, fxln-mxln, abnd glauc, hrd-dns, snd AA
-Sh, red-grn-gry
-Dol, red, fxln, abnd glauc, hrd-dns
-Sh, red-grn-gry
-Dol, red fxln, abnd glauc, hrd-dns

PRECAMBRIAN 3911' (-1770)

-Granite, pink-red-glassy, feldspars, biotite, hrd-dns

CIRC 3920
RTD 3922 (-1781) LTD 3924 (-1783)

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20