

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY **Trans Pacific Oil Corp.**
 LEASE **Speer 'A' #2-28**
 FIELD **Wildcat**
 LOCATION **SE NW SE NW**
 SEC **28** TWP **19** RGE **28W**
 COUNTY **Lane** STATE **KS**
 CONTRACTOR **Duke #4**
 SPUD **7-9-13** COMP **7-17-2013**
 RTD **4707** LTD **4707**
 MUD UP **3612** TYPE MUD **Chem**

ELEVATIONS
 KB **2790**
 DF
 GL **2781**
 Measurements Are All
 From **KB**

CASING
 SURFACE **8 5/8" @ 223'**
 PRODUCTION
 ELECTRICAL SURVEYS
 DUAL IND MICRO
 COMP N/D

FORMATION TOPS AND STRUCTURAL POSITION

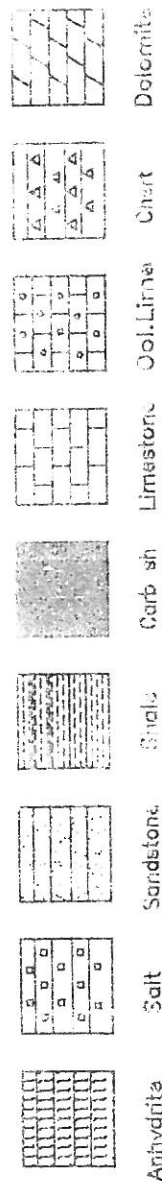
FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION		
				A	B	C
Anhydrite	2121	2118	872	671		
Base Anhydrite	2147	2145	845	644		
Heobner	3984	3984	-1184	-1189		
Lansing	4031	4031	-1241	-1231		
Stark SH	4309	4312	-1522	-1510		
Pleasanton	4392	4392	-1602	-1591		
Marmaton	4411	4414	-1624	-1610		
Ft. Scott	4558	4561	-1771	-1756		
Cherokee SH	4583	4585	-1795	-1780		
Mississippi Dolo.	4652	4652	-1862	-1856		

REFERENCE WELLS FOR STRUCTURE

A **Trans Pacific Speer 'A' 1-28 825' FNL, 825' FWL 28-19-28W**

REMARKS

LEGEND



DRILLING TIME IN MINUTES
 PER FOOT

Rate of Penetration Decreases

DEPTH

5" 10" 15" 20" 25"

OIL SHOWS

SAMPLE DESCRIPTIONS

LITHOLOGY

REMARKS

2100

2100

ANHYDRITE
2121 +669

BASE
ANHYDRITE
2147 +643

3900

HEEBNER
3984 -1194

4000

LANSING
4031 -1241

CFS 60"

YLLW FLUOR O
IN SAMPLES
- NO SHOW RO
FROM ABOVE

LS, TAN, BUFF, F + M XTLM, SL HRD,
V SL XTLM, NS
SH, GRN, GRY

LS, WHT, FXTLM, M HRD, SCT
SML FOSS, NO APP, NS

LS, TAN, F + M XTLM, M HRD,
SCT FOSS, VP XTLM, NS

SH, GRY

LS, BUFF, WHT, FXTLM, CRS
TXT, GXTLM, NS

AA.

SH, GRY, DK GRY

LS, WHT, FXTLM, HRD, SCT WHT
+ GRY FOSS, CHTY, NS

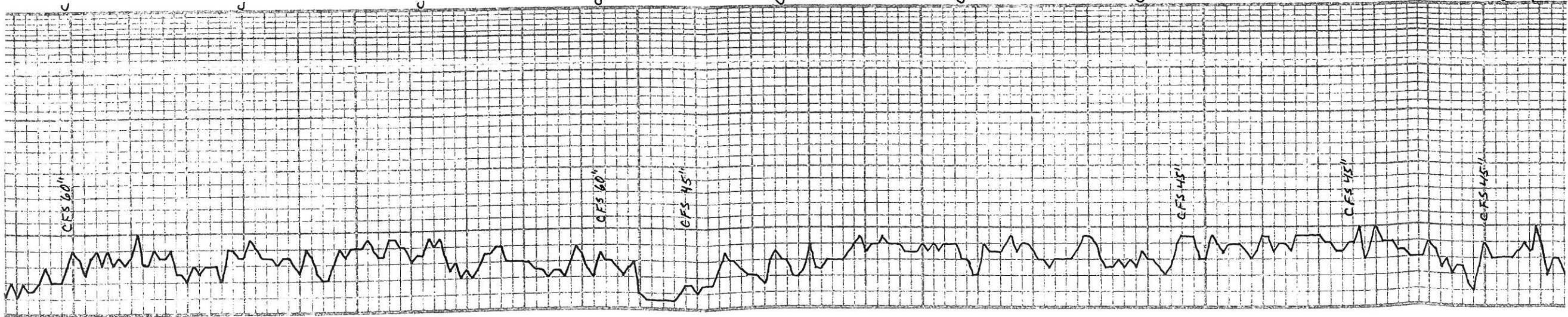
LS, WHT, VFXTLM, DNS, HRD,
TITE, NS

LS WHT, CHTY-WHT, V HRD, DNS,
TITE, SCT FOSS, NS

LS WHT, FOSS, FXTLM, SL HRD,
NO APP, NS

CHT, BRN, TAN, FRESH, SL HRD,
NO FOSS, SL FRESH, SL OPAQ,
FRESH, NS

LS, TAN, BUFF, WHT, FXTLM,
SL GRNLR TXT, BRITL, SCT

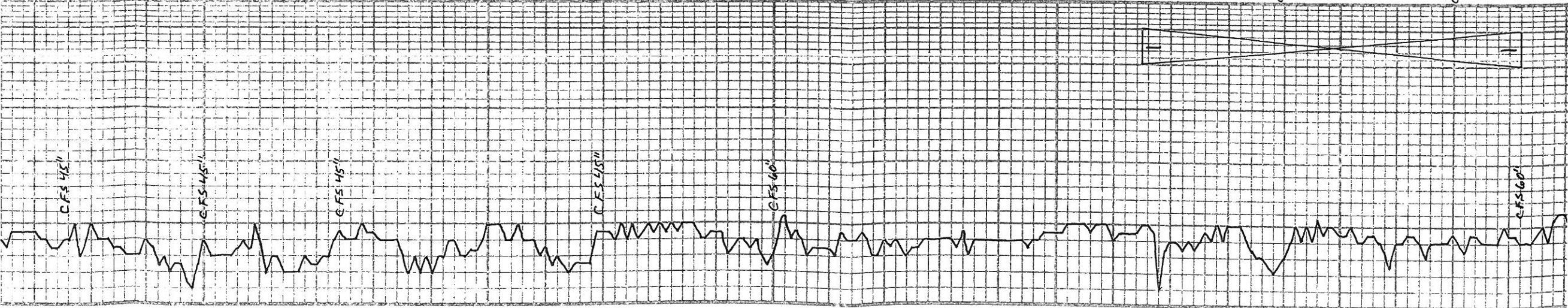


LS, WHT, FOSS, FXTLN, SL HRD, NO APP Ø, NS	LS, TAN, FXTLN, V HRD, ABUN MICRO FOSS, TITE, NS	LS, WHT, VF XTLN, DNS, HRD, TITE, NS	LS, TAN, F → M XTLN, S → M HRD, VP XTLN Ø, NO FOSS, NS	LS, BUFF, F XTLN, BRTL, V OOL, FEW PCS W CMT'D OOL - WHT, NS	LS, TAN, VF XTLN, DNS, HRD, SL SCT SML VUGS, NS	CHT, WHT / TAN, FRESH, PCS OPAQ	SH, DK GRY, LT GRY	LS, CRM, BUFF, FXTLN, MOSTLY HRD, SCT CHLK, NS	LS, WHT, CRM, VF XTLN, S → M HRD, SL CHLKY ON BRK, P XTLN Ø, NS	LS, CRM, FXTLN, FEW SCT FOSS W/M, S → M HRD, SCT P XTLN Ø, SL CHLKY, NS	LS, TAN, CRM, FXTLN, M HRD, SCT FOSS - VP XTLN Ø, NS	LS, A.A.	LS, TAN, GRY, VF XTLN, V DNS, V HRD, TITE, NS	LS, BRN, FXTLN, V BRTL, NO XTLN Ø, FRAC Ø, NS	LS, WHT, FXTLN, V BRTL, SOFT, SCT FOSS + OOLS, F PP Ø, NS	SH, BLK	CHALK, SCT FLUOR EDGE STNG.
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7:AM 7-14-13
DRLG @ 4158'

MUD CHECK
VIS 45 WT
CHLDR 1,500 I
FILT 7.4

FAC 100



LS, A.A.	LS, TAN, GRV, VF XTLN, V DNS, V HRD, TITE, NS	LS, BRN, F XTLN, V BRTL, NO XTLN, FRAC Ø, NS	LS, WHT, F XTLN, V BATL, SOFT, SCT FOSS & OOLS, F PP Ø, NS	SH, BLK	CHALK, SCT FLUOR EDGE STNG, FILMY FLUOR STNG, NSFO	LS, TAN / BRN, F XTLN, DNS, HRD, SCT FOSS, NO APP Ø, NS	LS, WHTISH GRV, VF XTLN, DNS, HRD, TITE, NS	LS, CRM, F XTLN, DNS, HRD, SCT WHT CHT, NO VIS Ø, NS	SH, BLK, DK GRV	LS, BRN, VF XTLN, V DNS, V CLEAN TITE, NS	LS, WHT, F → M XTLN, SOFT, BRTL, SL CHKY ON BRK, G INT XTLN PP Ø, NS	LS, TAN, F XTLN, SCT LG XTLS W/IN, SCT FLUOR STNG STRKS, FEW, MILD FLUOR OIL STNG ON BRK P → F MICRO Ø, NO ODOR, NO APP ENERGY	LS, TAN, VF XTLN, DNS, V HRD, TITE, NS, V CLEAN LS	SH, RED / GRN	CHT, WHT, V FOSS, FRESH	LS, TAN, F XTLN, DNS, M HRD, NO APP Ø, NS	LS, TAN, VF XTLN, V HRD, ABUN W CMT Ø FOSS, TITE, NS	LS, BRN / TAN, VF XTLN, HRD, DECR FOSS, INCR FRAGS, TITE, NS	LS, LT GRV / WHT, F XTLN, V DNS, V HRD, TITE, NS	LS, WHT, GRV, F → M XTLN, SOFT, GRN / R TXT, F XTLN Ø, NS	LS, BRN, A.A.	SH, GRV	LS, WHT, F XTLN, MED BRN XTLS W/IN, FLUOR STNG, S → M HRD, FAIR F ON BRK, TR GAS BBS w/ OIL, MED BRN OIL, ? RAINBOW M COP	LS, BRN, BUFF, F XTLN, SL CHKY, ON BRK, SL HRD, NO VIS Ø, NS	A.A.	SH, GRV, GRN	LS, CRM, F XTLN, HRD, SL DNS, P → TITE Ø, NS	A.A.	SH, GRV	LS, WHT, CRM, TAN, F XTLN, DNS, MED HRD, NO VIS Ø, NS
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7:15 AM 7:15-1:15
DRG 04

MUD CHECK
VIS 51 W
CHLDR 2200
FILT 6.4
DST #1 4465
30.30.
FF: 1/2, dead w/ 1
FF: DEAB
REC: 15' DM
TOOL: 100% M
+ GSY
FP: 9-12, 12-15
SIP: 1096-1041

