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COMPANY **TRANS PACIFIC OIL CORP.**
WELL **BRIGGS 'B' NO. 3-18**
FIELD **BRIGGS**
COUNTY **GOVE** STATE **KANSAS**

LOCATION: **2970'FSL & 1320'FEL**
Elevation **2539**
KID **2530**
DF
GL

Log by **SUPERIOR**
WELL SERVICES
CDL/CNL
DIL

REQ **18** TD **145** ICE **27W**

Drilling Rig **DUKE DRILLING RIG 4**
Date **8-4-11** Spud **8-14-11**
Log # **4349** LTD **4349**
Drilling Casing **8 5/8" 23# at 222'**
Production Casing **4 1/2" 10.5# at 4343'**

Drilling Log **3400'-TD** Samples **3600'-TD**

Daily Production Data at 7am

8-4-11	MIRU	Spud at 6pm
8-5-11	605	DRILLING
8-6-11	2269	DRILLING
8-7-11	3130	DRILLING
8-8-11	3556	TOH to check pipe
8-9-11	3908	DRILLING
8-10-11	3984	TIH for DST NO.1
8-11-11	4177	DRILLING
8-12-11	4340	CFS
8-13-11	4349	TOH after DST NO.4
8-14-11	4349	Set 4 1/2" Casing

REMARKS: **PIPE WAS SET TO FURTHER TEST THE MISSISSIPPI ZONE.**

*Respect fully submitted,
William M. Arbuthnot*

BIT RECORD

Tool & Type	Serial No.	Barrels	Depth In	Depth Out	Hours
12 1/4 VAREL AT	RR	14-14-14	0	222	84 hrs
7 1/8 VAREL	1257065	14-14-14	222	4339	70 3/4

Formation	Sample	Log	Bottom	Formation	Sample	Log	Bottom
ANHYDRITE	1984	1985	+554				
BIANHYDRITE	2025	2024	+515				
HEEBNER	3711	3708	-1169				
KANSAS CITY	3748	3746	-1207				
STARK SHALE	3827	3826	-1287				
PLEASANTON	3982	3981	-1442				
MARMATON	4050	4050	-1511				
LABETTE SHALE	4070	4069	-1530				
CHEROKEE SHALE	4237	4234	-1695				
MISSISSIPPI	4266	4264	-1725				
TOTAL DEPTH	4328	4326	-1787				
	4349	4349	-1810				

Structural Position to: **TRANS PACIFIC OIL CORPORATION**
BRIGGS 'B' NO. 2-18 N2 NWSENE SEC 18 T14S R27W

LEGEND



SCALE 1" = 100'

DRILLING TIME IN MINUTES PER FOOT

SCALE 1" = 100'

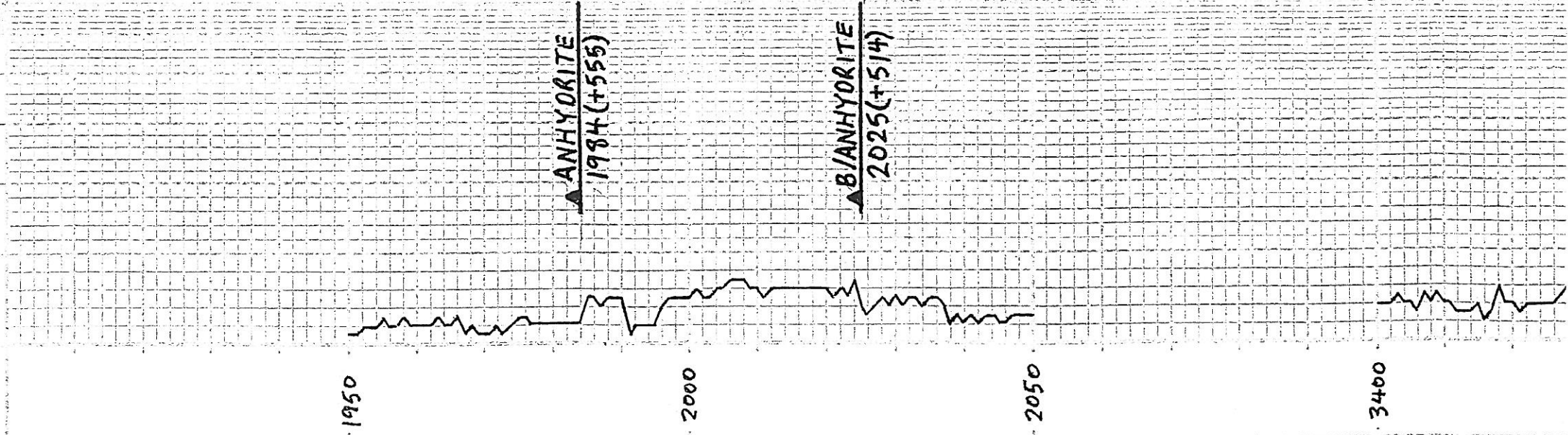
DRILLING TIME IN MINUTES
PER FOOT
Rate of Penetration (ROP)

DEPTH

5" 10" 15" 20"

SAMPLE DESCRIPTIONS

REMARKS



Mud Program: Mud Col Service Mud
Chemical Premium Gel
Testing: Tribolite Testing
Sample Cuttings: KGS Well
Sample Library

Sample Cuttings: KGS Well
Sample Library

Deviation:

221' - $\frac{1}{2}^{\circ}$
 981' - $\frac{3}{4}^{\circ}$
 1476' - $\frac{3}{4}^{\circ}$
 2005' - Mis Run
 2506' - $\frac{3}{4}^{\circ}$
 3006' - $\frac{3}{4}^{\circ}$
 3884' - 1°
 4339' - 1°

Geol on Loc at 3501' at 10:39pm on 8-7-11

Coming out of hole at 3501' at 10:09pm on 8-7-11 to look for hole in pipe

Drilling again at 4:35am on 8-8-11

Coming out of hole at 3556' at 6:50am on 8-8-11 to look for hole in pipe

Drilling again at 11:35am on 8-8-11

Mud Data at 3556' at 8am on 8-8-11

WT 8.9 VIS 50 WL 6.4 PH 11

Chlor 1500 Solids 4.4 YP 14

LS-Tan/Bwn Fxln Mhd N Por

Sh-Gry/DK-Gry

LS-Tan/Bwn Fxln Mhd N Por

LS-Tan/Bwn Fxln S/Mhd

LS-Tan/Bwn Fxln Mhd/Dns

LS-Cum/Lt Tan Fxln S/Mhd

LS-Tan Fxln Mhd/Dns S/Fos

LS-AA

LS-Tan/Lt Gry Fxln Mhd

Sh-Gry/DK-Gry

LS-Tan/Lt Gry Fxln S/Mhd

Sh-Gry/DK-Gry

LS-Lt Gry/Cum Fxln S/Mhd

LS-Lt Gry/Cum Fxln Mhd/Dns

LS-Lt Gry/Cum Fxln Mhd/Dns

LS-AA

Sh-Gry/DK-Gry

LS-Cum/Lt Tan Fxln S/Mhd

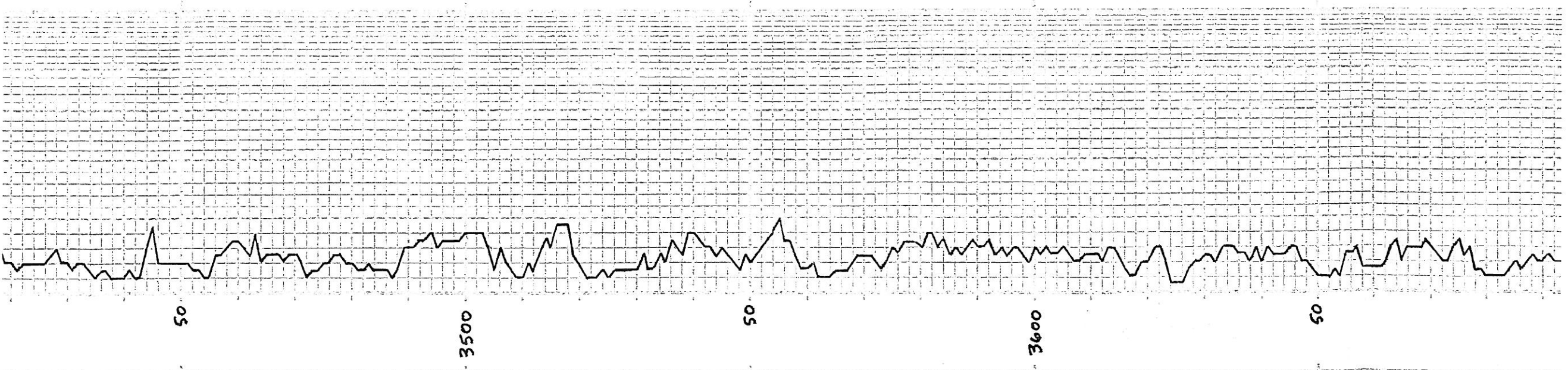
LS-Cum/Lt Tan Fxln Mhd/Dns

LS-Cum/Lt Tan Fxln Mhd/Dns

LS-Cum/Lt Tan Fxln Mhd/Dns

LS-Cum/Lt Tan Fxln Mhd/Dns

LS-Cum/Lt Tan Fxln Mhd/Dns



LS-Tan/Bwn Fxln Mhd N Por
 Sh-Gry/DK-Gry
 LS-Tan/Bwn Fxln Mhd N Por
 LS-Tan/Bwn Fxln S/Mhd
 LS-Tan/Bwn Fxln Mhd/Dns
 LS-Cum/Lt Tan Fxln S/Mhd
 LS-Tan Fxln Mhd/Dns S/Fos
 LS-AA
 LS-Tan/Lt Gry Fxln Mhd
 Sh-Gry/DK-Gry
 LS-Tan/Lt Gry Fxln S/Mhd
 Sh-Gry/DK-Gry
 LS-Lt Gry/Cum Fxln S/Mhd
 LS-Lt Gry/Cum Fxln Mhd/Dns
 LS-Lt Gry/Cum Fxln Mhd/Dns
 LS-AA
 Sh-Gry/DK-Gry
 LS-Cum/Lt Tan Fxln S/Mhd
 LS-Cum/Lt Tan Fxln Mhd/Dns
 LS-Cum/Lt Tan Fxln Mhd/Dns
 LS-Cum/Lt Tan Fxln Mhd/Dns
 LS-Cum/Lt Tan Fxln Mhd/Dns
 LS-Cum/Lt Tan Fxln Mhd/Dns

3700

50

3800

50

3900

50

A HEEBNER

3711(-1172)

A LANSING

3748(-1209)

A KANSAS CITY

3827(-1288)

CFS-45"

CFS-45"

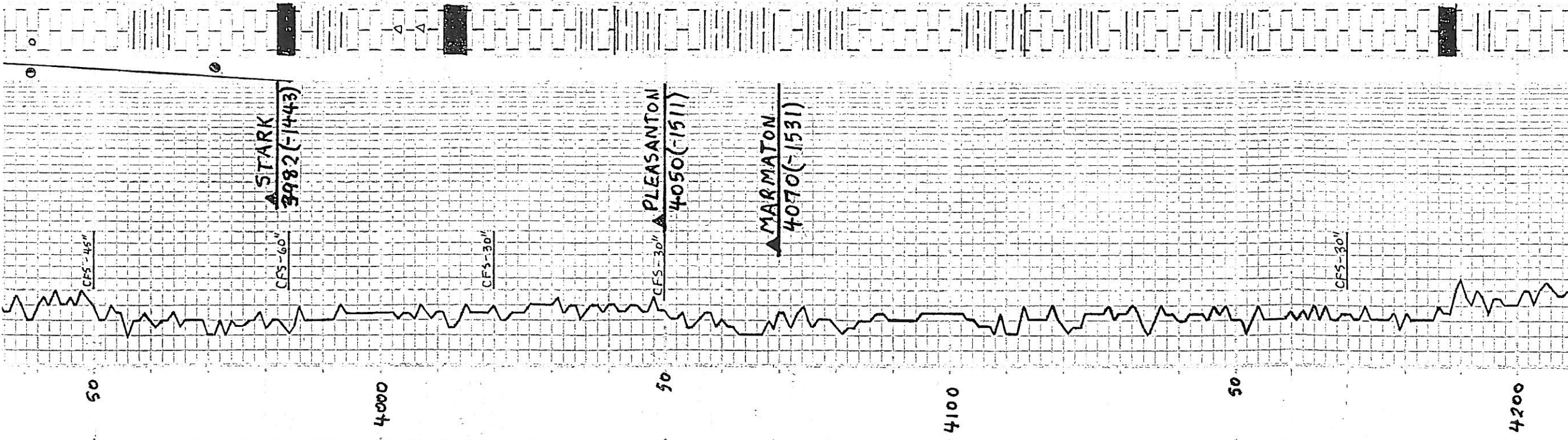
CFS-45"

- LS - Crm/Tan Fxln Mhd/Dns 91FS N Por sm Cht-Lt Gray Fxln Por 51 FS
- LS - Tan F/Mxln Dns 51 Foc N Por
- LS - AA
- LS - Tan F/Mxln Mhd N Por
- LS - Brn Fxln Dns 51 FS N Por
- Sh - Blk Carb
- LS - Crm/Tan Fxln Dns 51 N Por
- Sh - Gray/DK Gray/Blk
- LS - Crm/Tan Fxln Dns N Por sm Cht - Tan /wt Fsh Opac
- LS - AA w sm cht - AA
- Sh - Gray/DK Gray
- LS - Crm/Tan Fxln Dns N Por
- LS - Crm F/Mxln Soft 0ol SI 0ol Fr 0ol Inter Fxln Por
- LS - Crm Fxln Dns 51 FS N Por
- LS - Crm F/Mxln Mhd Foc Trc Xln Por NS
- LS - AA
- Sh - Gray
- LS - Crm Fxln Dns 51 FS N Por
- Sh - Gray/DK Gray
- LS - Crm Fxln Dns 51 FS N Por
- LS - AA
- LS - Crm Fxln Dns 51 FS N Por
- LS - Crm F/Mxln Mhd F-5 SI 0ol t Dec Pr 0ol Xln Por NS
- LS - Crm/LT Tan F/Mxln Dns Foc N Por
- LS - Crm/LT Tan F/Mxln Mhd Foc SI 0ol
- Sh - Gray/DK Gray
- LS - Crm/Tan Fxln Dns Foc N Por
- Sh - Gray/DK Gray
- LS - Crm/LT Gray
- LS - Crm F/Mxln Mhd F-5 SI in Furnes D BK DO Str VSS EO N Floor on order
- LS - Crm Fxln Dns N Por
- Sh - Gray/DK Gray
- LS - Crm/Tan Fxln Dns N Por sm Cht - Tan /Crm
- LS - AA sm cht - AA
- Sh - Gray/DK Gray
- LS - Crm/Tan Fxln Mhd SIClky
- LS - Crm/Tan Fxln Mhd/Dns sm Cht - Crm/Tan
- LS - Crm/Tan Fxln 51 Mhd SIClky Trc Xln Por NS
- LS - LT Tan F/Mxln Mhd/Dns SIClky N Por sm Cht - Tan/Lt Gray
- LS - AA sm cht - AA
- LS - LT Tan F/Mxln Dns SIClky N Por sm Cht - Lt Gray/Tan
- Sh - Gray/DK Gray
- LS - Crm/Tan F/Mxln Mhd Trc Xln Por NS
- Sh - Gray/DK Gray
- LS - Crm/LT Gray F/Mxln Mhd
- LS - Crm/LT Gray F/Mxln Dns N Por
- LS - AA w Furnes LS - Brn Fxln Mhd Foc 0ol Trc Xln Por SE DEC 51 Floc
- LS - Crm/Tan Fxln Dns SIClky N Por
- Sh - Gray/DK Gray
- Sh - AA
- LS - Crm/LT Gray F/Mxln Dns N Por
- LS - AA w Furnes LS - Brn Fxln Mhd Foc 0ol Trc Xln Por SE DEC 51 Floc
- LS - Crm/Tan Fxln Dns SIClky N Por
- LS - Crm/Tan Fxln Mhd/Dns N Por
- Sh - Gray/DK Gray/Grey

DST NO 1 3924 - 3964
 30 - 45 - 30 - 30
 1st Open: 4" blow, receded to went surface Blow
 2nd Open: No blow
 REC: 3' Mud
 IHP 1939 FHP 1909
 IFP 17-18 FFP 18-19
 TSIP 488 FSIP 126
 TEMP 118°

Mud Data at 3916' at 10:48am
 on 8-9-11
 Wt 9 Vis 49 WL 7.6 pH 10.5
 Chlor 2000 Solids 4.9% YP 16

After CFS at 3950' Lost 291' of drilled pipe. Coming out of hole at 12:00pm on 8-9-11 to attach fishing tool to drill pipe



LS - Crm/LT Gyr F/MXln Dns N Por
 LS - AA w. Fm Pos LS - Bm Fxln MMA Fm Od. Trc Xln Pos. SFEDEC. S1 Fluo. N Por
 LS - Crm/LT Tan. Fxln Dns. S1 Clky N Por
 LS - Crm/Tan Fxln Mhd/Dns N Por
 Sh - Gyr/DK Gyr/Gyr
 LS - Tan Fxln Dns. N Por
 LS - Crm Fxln S1 Mhd/Gyr F/PP Por FSED Fxln LT Sp. Str. S1 Dns
 LS - Crm/Tan Fxln Mhd/Dns N Por
 Sh - Blk Carb
 LS - LT Gyr Fxln Dns. N Por
 Sh - Gyr/DK Gyr
 LS - Bm/LT Gyr Mhd. t. Blky Dns S1 Pos. N Por
 LS - LT Gyr F/MXln Sm Blky Dns S1 Fm. N Por Sm. CAT - Crm
 LS - AA sm ch t. WFLT Gyr
 Sh - Blk Carb
 LS - Crm/LT Gyr F/MXln Dns Fos N Por
 LS - Crm/LT Gyr F/MXln Dns Fos N Por
 LS - Crm/Tan Fxln Dns N Por
 Sh - Gyr/DK Gyr
 LS - Tan/LT Gyr Fxln Dns N Por
 Sh - Gyr/DK Gyr
 LS - AA
 LS - Tan Fxln Dns. N Por
 Sh - Gyr/DK Gyr
 LS - Tan Fxln Dns. N Por
 Sh - AA
 LS - Crm/LT Gyr Fxln Dns N Por
 LS - AA
 Sh - Gyr/DK Gyr
 LS - Crm/LT Gyr Fxln Dns N Por
 Sh - Gyr/DK Gyr
 LS - Gyr/Tan Fxln Dns. N Por
 Sh - Gyr/DK Gyr
 LS - LT Gyr/Tan Fxln Dns. N Por
 Sh - Gyr/DK Gyr
 LS - LT Gyr Fxln Mhd Trc Xln Por
 LS - LT Gyr Fxln Dns. N Por
 LS - AA
 Sh - Gyr/DK Gyr
 LS - Crm/Tan Fxln Dns S1 Clky N Por
 LS - AA
 LS - LT Gyr/Tan/Bm Fxln Dns N Por
 LS - AA
 Sh - Blk Carb
 LS - LT Gyr/Bm Fxln Dns N Por
 Sh - Gyr/DK Gyr
 LS - Gyr/Bm Fxln Dns N Por
 LS - AA

After CFS at 3950' Lost 291' of drilled plaus. Coming out of hole at 12:00pm on 8-9-11 to attach fishing tool to drill pipe Drilling again at 1:15am on 8-10-11

Pipe Strap at 3984'. - Shout 1.07'
 Mud Data at 3984' at 9am on 8-10-11
 wt 9 Vis 54 WLS pH 10
 Chlor 2400 Solids #8 YPI7

DST NO. 2 4252-4385
 30-45-30-45
 1st Open: 1/2" blow, diked in 25"
 2nd Open: No blow
 REC: 10' OCM (70% O, 93% M)
 IHP 2105 FHP 2086
 IFP 17-18 FFP 20-20
 ISIP 626 FSIP 407
 TEMP 126

DST NO. 3 4288-4340
 30-45-30-45
 1st Open: 1/2" blow, receded to weak surface blow
 2nd Open: No blow
 REC: 30' OCM (50% O, 95% M)
 IHP 2110 FHP 2081
 IFP 17-22 FFP 22-28
 ISIP 1124 FSIP 1051
 TEMP 122°

4200

50

4300

▲ LABETTE
4237(-1698)

▲ CHEROKEE
4266(-1727)

▲ MISS
4328(-1789)
CFS-60"
CFS-75"
CFS-60"
CFS-60"
CFS-60"

▲ ARTD
4349(-1810)

Sh - Gray/Dk Gray
 Ls - Gray/Brown Fxln Dns N.Por
 Ls-AA
 Ls-AA
 Ls - Gray Fxln Mhd/Dns N.Por
 Ls-AA
 Ls - Gray Fxln Mhd/Dns
 Sh - Blk Carb
 Ls - Brown F/Mxln Dns N.Por
 Sh - Gray/Dk Gray
 Ls - Gray/Brown Fxln Dns N.Por
 Ls-AA w. imcht-Gray Fxln Fst
 Sh - Blk Carb
 Ls - Tan/Brown Fxln Dns S/Fs N.Por
 Sh - Gray/Dk Gray
 Ls - Cream/Lt Gray Fxln Dns N.Por
 Ls-AA
 Sh - Blk
 Sh - Gray/Dk Gray
 Ls - Lt Gray Fxln Dns N.Por
 Sh - Blk Carb
 Ls - AA
 Sh - Gray/Dk Gray
 Ls - Lt Gray/Tan Fxln Dns N.Por
 Ls-AA
 Sh - Gray/Grey/Red w. chrt-Yell
 Fxln Lt Yell Fxln Sm Ss - Gm Shly
 Sh + chrt-AA
 Dolo - Brn/Tan Fxln Mhd G/Vu/Per. D.
 S-Hldo Sm Nooder. N.Por
 Dolo - Tan Fxln Fr Fst Per. SFD on 8/6 P.M.
 DR - Com Lt Tan Fxln Fr Fst Per. SFD
 Per. Mhd D.O. Sm Fxln SFD on 8/6 P.M.
 Dolo - Tan Fxln Fr Fst Per. Mhd/Dns
 N.Por
 Dolo - Com 17tan Fxln Fr Fst Dns N.Por
 YS 5' Por. in f.w. per. of Dril
 Dolo - AA with f.w. per. 55' Dole-Tan. Sme Kind
 55' Por. Fr. Cat. Fr. Fluor. N.O. Dole

Mud Data at 4217' at 10 am
 on 8-11-11
 Wt 9.2 Vis 57 WL 88 PH 10.5
 Chlor 2500 Solids 6% YP 15

DST NO. 4 4338-4349
 30-75-60-90
 1st Open: 2 1/2" blow
 2nd Open: 7" blow
 REC: 30' GO (30% G, 70% O)
 60' MCO (40% M, 60% O)
 IHP 2159 FHP 2127
 IFP 16-24 FFP 24-45
 ISIP 1136 FSIP 1119
 TEMP 131°

Mud Data at 4340' at 11:30 am
 on 8-12-11
 Wt 9.4 Vis 55 WL 7.2 PH 10
 Chlor 2400 Solids 7.3% YP 17

Coming out of hole for DST No 4
 at 10:15 pm on 8-12-11
 Started Logging 2 hours after
 completing DST NO. 4
 Finished Logging at 1 pm
 on 8-13-11

DEPTH	DRILLING TIME Minutes/Foot	LITHOLOGY	SAMPLE DESCRIPTIONS	REMARKS

5"	10"	15"	20"	25"
Refs of Penetration Increments				

COMPANY TRANS PACIFIC OIL CORPORATION

LEASE BRIGGS 'B' No. 3-18

LOCATION 2970' SE & 1320' E SEC. 18 T. 14S R. 16W

COUNTY GOVE STATE KANSAS

ELEVATION: 2539 KB