

Confidentiality Requested:

Yes  No

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

**Form must be Typed**

**Form must be Signed**

**All blanks must be Filled**

**WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conv. to EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

Confidentiality Requested

Date: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to [kcc-well-logs@kcc.ks.gov](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Trans Pacific Oil Corporation
Well Name	STEPHENS B 2
Doc ID	1438182

All Electric Logs Run

Dual Induction
Microresistivity
Porosity
Comp Processed





Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: Stephens B #2  
 API: 15-135-26039  
 Location: SE 1/4, Section 28-T16S-R21W  
 License Number: 9408  
 Spud Date: 12/10/18  
 Surface Coordinates: 455' FSL & 2035' FEL  
 Region: Ness County, KS.  
 Drilling Completed: 12/18/18

Bottom Hole Coordinates:  
 Ground Elevation (ft): 2250' K.B. Elevation (ft): 2258'  
 Logged Interval (ft): 3500' To: TD Total Depth (ft): 4274'  
 Formation: MISSISSIPPI  
 Type of Drilling Fluid: Chemical Mud

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com


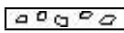







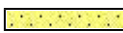









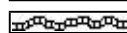
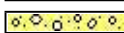


OPERATOR

Company: Trans Pacific Oil Corporation  
 Address: 100 S Main St. Suite #200  
 Wichita, KS. 67202

GEOLOGIST

Name: Nick Hixon  
 Company: Trans Pacific Oil Corporation  
 Address: 100 S Main St. Suite #200  
 Wichita, KS. 67202

ROCK TYPES

 Sltstn	 Brec	 Dol	 Mrlst	 Sltst
 Grysh	 Cht	 Gyp	 Salt	 Ss
 Dolm	 Clyst	 Igne	 Shale	 Till
 Anhy	 Blksh	 Lmst	 Shcol	
 Bent	 Congl	 Meta	 Shgy	

### ACCESSORIES

#### MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecrefrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau

- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

#### FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite

- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

#### STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst

- Sltstrg
- Ssstrg

#### TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

### OTHER SYMBOLS

#### POROSITY

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint

- Vuggy

#### SORTING

- Well
- Moderate
- Poor

#### ROUNDING

- Rounded
- Subrnd
- Subang
- Angular

- Spotted
- Ques
- Gas
- Dead

- Dst

#### EVENT

- Rft
- Sidewall

#### OIL SHOW

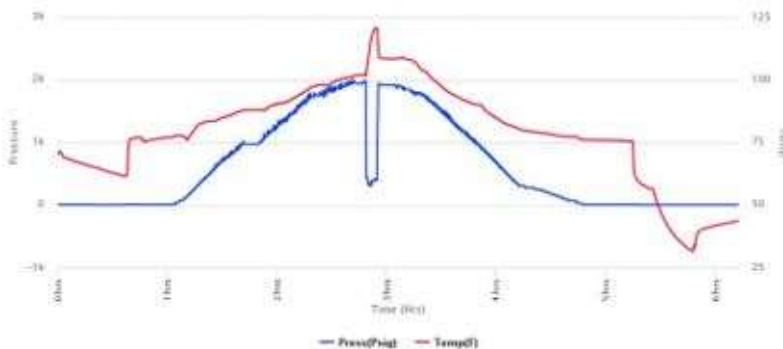
- Even

#### INTERVAL

- Core
- Dst1

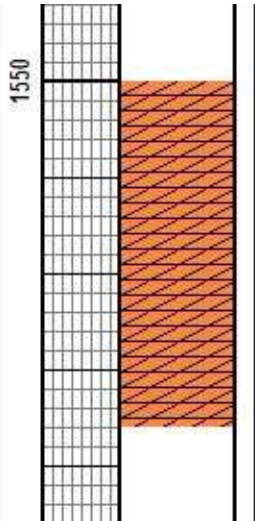
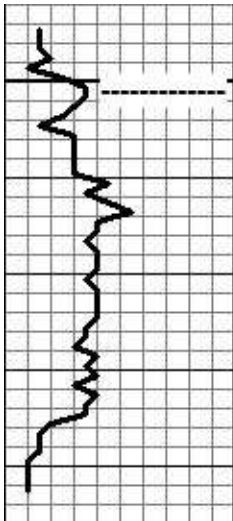
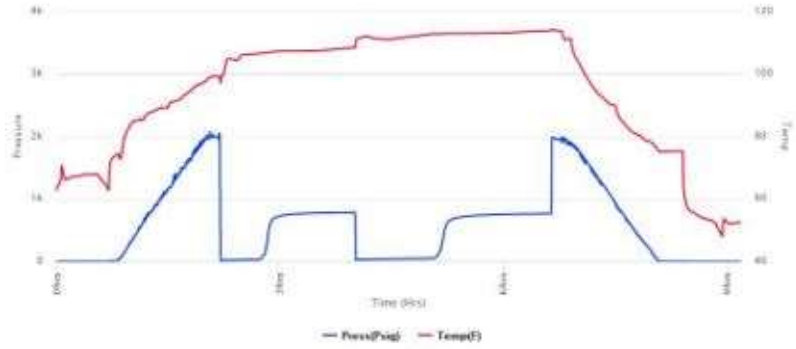
### DST #1

**CHEROKEE 'A' SAND**  
 4084'-4146'  
 5-0-0-0  
 IF: BLOW BUILDING. BOB IN 32 SECONDS.  
 PULLED TOOL AFTER 5 MINUTES.  
 RECOVERED: 559' TOTAL FLUID: 62' SLWCM, 62'  
 HWCM, 62' SLGCHWCM, 62' MCHGCW, 62'  
 SLMCHGCW, 124' SLMCHGCW, 100' SLMCGCW,  
 25' SAND. 15 PPM H2S  
 HP: 1928-1912 PSI  
 IF: 334-399 PSI



**DST #2**

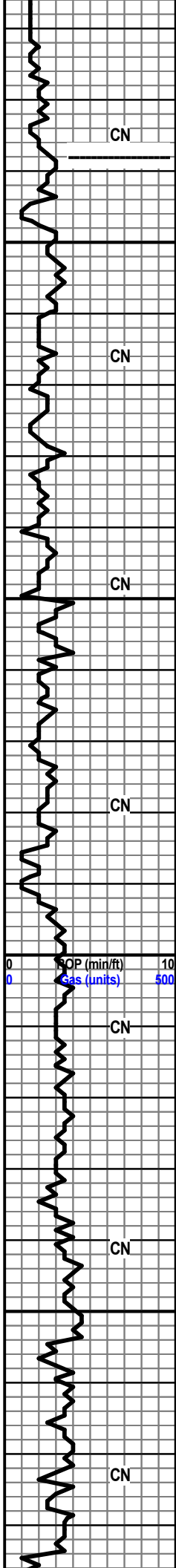
KUTINA SAND  
 4179'-4188'  
 30-75-60-90  
 IF: SURFACE BLOW BUILT TO 4"  
 IS: NO RETURN.  
 FF: 1/4" BLOW BUILT TO 8.5"  
 FS: NO RETURN.  
 RECOVERED: 80' TOTAL FLUID: 50' OIL, 30'  
 SLWCHOCM (35% OIL)  
 HP: 1982-1977 PSI  
 IF: 16-27 PSI  
 FF: 27-48 PSI  
 SIP: 784-764 PSI



**ANH. 1550' (+708')  
 ELOG 1551' (+707')**

**BASE ANH. 1586' (+672')  
 ELOG 1586' (+672')**

Curve Track 1 ROP (min/ft) ——— Gas (units) - - - - -		MD	Porosity	Lithology	Geological Descriptions	Comments
ROP (min/ft)	Gas (units)					
0	500	360	24% 18% 12% 6%	Oil Shows	<b>GEO ON LOCATION @9AM 12/15/18</b>	
		3650			<b>HEEB. 3648' (-1390') ELOG 3646' (-1388')</b>	<b>WT: 8.7 VS: 54</b>



CN

CN

CN

CN

CN

CN

CN

3700

3750

3800MD

3850

LANS. 3688' (-1430')  
ELOG 3688' (-1430')

WT: 8.7  
VIS: 52  
LCM: 2#

LS: GRY - TAN, F XLN, DSE, NSFO. ABUNDANT  
GRY - RED GUMMY CLAY.

LS: GRY - TAN, F XLN, DSE, POOR PPT POR,  
SUB CHLKY IN PT, NSFO, NO ODOR.

LS: AA.

LS: GRY - TAN, F XLN, POOR PPT POR, PYR IN  
PT, NSFO, NO ODOR. SME SH IN PT: BLK, CARB.  
SME RED PCS.

LS: AA.

LS: GRY - TAN, F XLN, DSE, POOR PPT POR IN  
PT, SUB CHLKY IN PT, NSFO. FEW PCS FRESH  
CHRT. FEW PCS BLK SH: CARB.

MUD PROP.  
@ 3775'  
WT: 8.6  
VIS: 52  
WL: 8.0  
CC: 3200  
LCM: 2#

LS: GRY - TAN, F XLN, DSE, POOR PPT POR,  
SUB CHLKY IN PT, NSFO, NO ODOR.

LS: GRY - TAN, F XLN, DSE, POOR PPT POR,  
SME PCS W/ POOR OOM POR, NSFO. PCS BLK  
SH IN PT: CARB.

LS: GRY - TAN, F XLN, DSE, POOR PPT POR, NS.  
SH THRUOUT: BLK - RED, SFT.

LS: AA. SH: AA, ABUNDANT.

SH: GRY - RED - BLK, CARB.

LS: GRY - TAN, F XLN, POOR POR, DSE, NSFO.

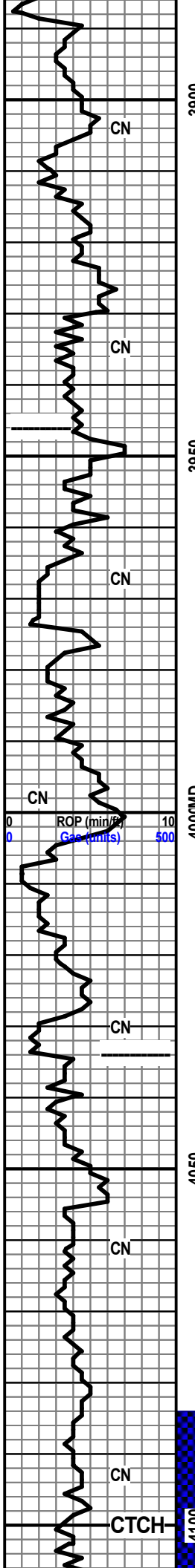
LS: GRY - TAN, F XLN, DSE, POOR PPT POR,  
NSFO, NO ODOR.

LS: TAN - GRY, F XLN, DSE, POOR PPT POR,  
NSFO. SH: GRY - BLK - RED.

ABUNDANT SH: GRY - BLK - RED, PLATEY, SFT.  
LS: TAN - GRY, CHLKY IN PT, NSFO.

ABUNDANT SH: GRY - BLK - RED. LS: TAN -  
GRY, F XLN, DSE, SUB CHLKY IN PT. SME  
FRESH CHRT IN PT.





ABUNDANT GRY & RED GUMMYCLAY.

LS: OFF WHT - TAN, F XLN, PR - FR OOM POR, SUB CHLKY IN PT, NSFO, NO ODOR.

RIG CHECK

LS: OFF WHT - TAN - GRY, F XLN, DSE, POOR PPT POR, NSFO. SH: GRY - BLK - RED.

WT: 8.9  
VIS: 49  
LCM: 2#

LS: AA, SUB CHLKY.

LS: GRY - TAN, F XLN, DSE, SUB CHLKY, POOR PPT POR, NSFO. SH: GRY - BLK - RED.

LS: GRY - TAN, F XLN, DSE, POOR POR, NSFO, NO ODOR. SH: AA.

**BKC 3951' (-1693')**

**ELOG 3946' (-1688')**

LS: GRY - TAN, F XLN, DSE, POOR PPT POR, NSFO, NO ODOR. SH: GRY - BLK - SMI RED.

ABUNDANT SH: GRY - BLK. LS: OFF WHT - TAN, F XLN, DSE, NSFO.

SH: GRY - BLK - RED, GUMMYIN PT.

SH: GRY - BLK - RED, V GUMMYCLAY.

GUMMY GRY & RED CLAY.

LS: GRY, F XLN, DSE, POOR PPT POR, NSFO. SH IN PT: GRY, GUMMY.

GRY & RED GUMMYCLAY.

GRY & RED GUMMYCLAY. LS IN PT: GRY, F XLN, DSE, NS.

WT: 8.9  
VIS: 56  
LCM: 2#

LS: OFF WHT - GRY, F XLN, POOR PPT POR, NSFO. FRESH CHRT IN PT: ORG.

**PAW. 4034' (-1776')**

**ELOG 4032' (-1774')**

LS: OFF WHT - GRY, F XLN, DSE, NSFO. SH: GRY - BLK - RED.

LS: OFF WHT - TAN - GRY, F XLN, DSE, POOR PPT POR, SUB CHLKY IN PT, FEW FOSS, NSFO.

LS: AA.

LS: GRY, F XLN, DSE, POOR PPT POR, SUB CHLKY IN PT, NSFO, NO ODOR.

LS: GRY, F XLN, V DSE, POOR PPT POR, SUB CHLKY IN PT, NSFO.

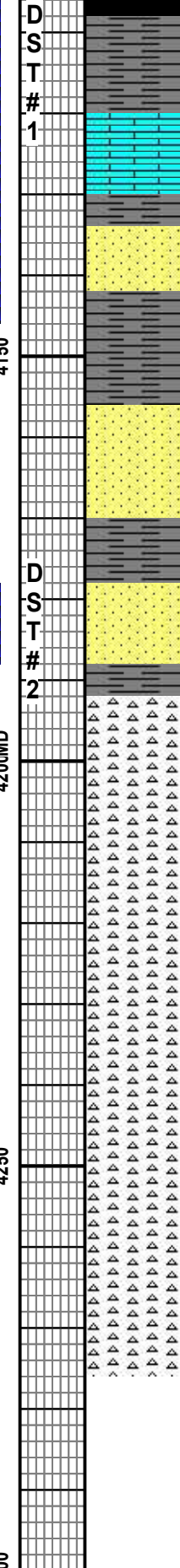
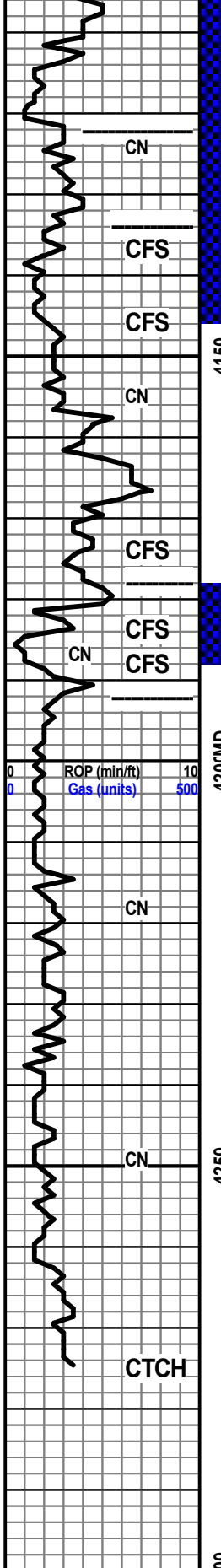
WT: 8.9  
VIS: 55  
LCM: 2#

LS: GRY, F XLN, DSE, CHLKY IN PT, POOR POR, NSFO.

SHORT TRIP @4100'

SH: GRY - BLK - RED, SFT - FIRM. LS: GRY, F XLN, DSE, NSFO, NO ODOR.

PULLED 25 STANDS



SH: GRY - BLK - RED, SFT - FIRM.

SH: GRY - BLK - RED, GUMMYCLAY IN PT.

**FT SC 4122' (-1864')**  
**ELOG 4120' (-1862')**

LS: GRY - TAN - CRM, F XLN, DSE, CHLKY IN PT, POOR PPT POR, NSFO, NO ODOR. SH: BLK, CARB.

**CHER.A SD 4138' (-1880')**  
**ELOG 4134' (-1876')**

ABUNDANT LOOSE SD GRNS IN THE BOTTOM OF TRAY: F - M GRN, NSFO, NO ODOR.

SH: GRY - BLK - RED, SFT - FIRM. LOOSE SND GRNS IN THE BOTT, F - M GRN, NO ODOR.

SH: AA. LS IN PT: WHT - GRY, F XLN, DSE, POOR PPT POR, NSFO.  
ABUNDANT SND GRNS IN BOTT, 3-4 CLUSTERS: GRY - CLR, F - M GRN, SEMI FRI - FRI, SSFO ON BRK, NO ODOR.

SH: GRY - BLK - RED. FEW PCS FRESH CHRT.

**KUTINA SD 4184' (-1926')**  
**ELOG 4178' (-1920')**

SND: GRY, F - M GRN, SUBANG - RND, FRI, MANY LOOSE GRNS IN BOTT, GD SFO ON BRK, NO ODOR.

**MISS. 4192' (-1934')**  
**ELOG 4192' (-1934')**

CHRT: ORG, FRESH. SH: GRY - BLK - RED. LS: OFF WHT - GRY, F XLN, DSE, POOR PPT POR, NSFO.

CHRT: ORG - SME WHT, FRESH. SH: GRY - BLK.

CHRT: WHT, FRESH, SME ORG. LS: TAN - GRY, F XLN, DSE, POOR POR, NSFO.

GUMMY GRYCLAY. CHRT: WHT, FRESH, SME ORG.

CHRT: WHT, FRESH.  
SH: GRY - DRK GRY, SFT.

CHRT: WHT - SME YELLOW, FRESH.  
SH: AA.

CHRT: WHT - SME YELLOW, FRESH, CHLKY IN PT.

CHRT: AA.

**RTD 4275' LTD 4274'**

MUD PROP. @  
4113'  
WT: 8.9  
VIS: 51  
WL: 9.2  
CC: 4800  
LCM: 2#

SURVEY @4146'  
1.25 DEGREE

PIPE STRAP  
0.67 SHORT

DST #1  
4084'-4146'

SEE HEADER FOR RESULTS

SURVEY @4188'  
1.25 DEGREE

MUD PROP. @  
4188'  
WT: 9.3  
VIS: 58  
WL: 8.0  
CC: 7300  
LCM: 1#

DST #2  
4179'-4188'

SEE HEADER FOR RESULTS

RIG CHECK  
ADD PREMIX

MUD PROP. @  
4275'  
WT: 9.3  
VIS: 54  
WL: 9.6  
CC: 7500  
LCM: 1#



# Company: Trans Pacific Oil Corporation

## Lease: Stephens B #2

SEC: 28 TWN: 16S RNG: 21W  
County: NESS  
State: Kansas  
Drilling Contractor: Duke Drilling Company, Inc - Rig 2  
Elevation: 2250 GL  
Field Name: Chaff South  
Pool: WILDCAT  
Job Number: 291

**Operation:**  
Test Complete

**DATE**  
December  
**16**  
2018

**DST #1**      **Formation:** Cherokee snd.      **Test Interval:** 4084 - 4146'      **Total Depth:** 4146'  
Time On: 16:30 12/16      Time Off: 22:32 12/16  
Time On Bottom: 19:14 12/16      Time Off Bottom: 19:19 12/16

**DANGER**  
H2S Present  
**15 ppm**  
PPM

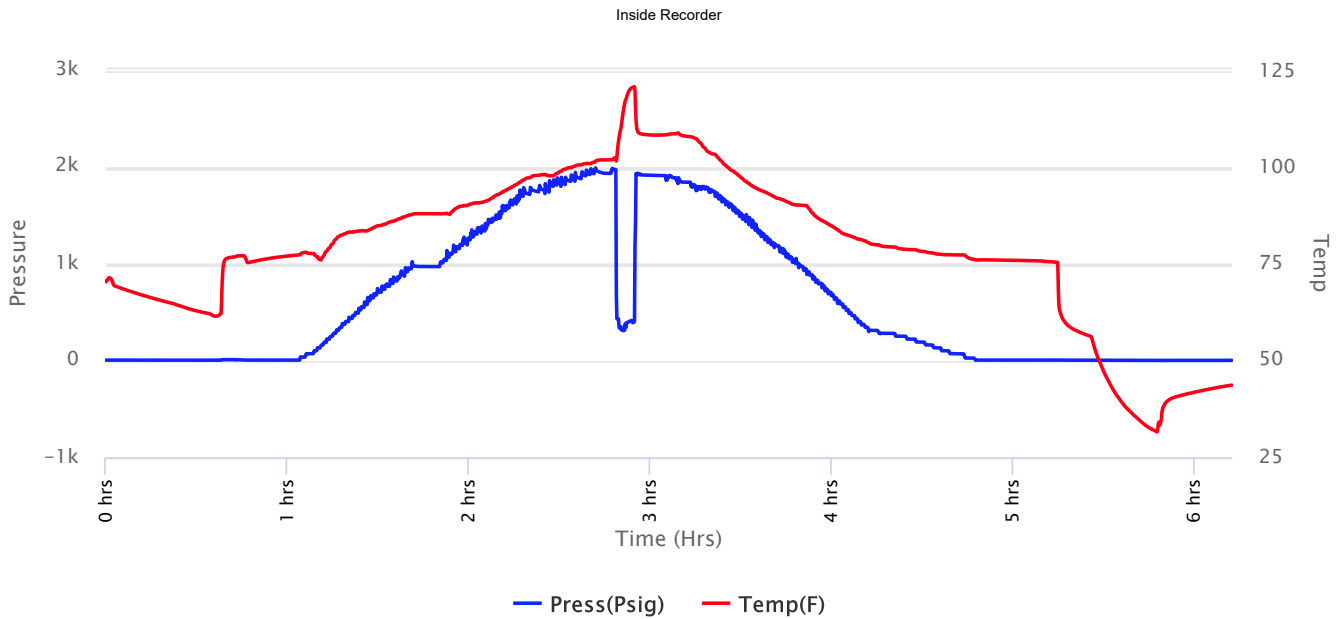
Electronic Volume Estimate:  
679'

1st Open  
Minutes: 5  
Current Reading:  
62.5" at 5 min  
Max Reading: 62.5"

1st Close  
N/A

2nd Open  
N/A

2nd Close  
N/A





**Company: Trans Pacific Oil Corporation**

**Lease: Stephens B #2**

SEC: 28 TWN: 16S RNG: 21W  
 County: NESS  
 State: Kansas  
 Drilling Contractor: Duke Drilling Company, Inc - Rig 2  
 Elevation: 2250 GL  
 Field Name: Chaff South  
 Pool: WILDCAT  
 Job Number: 291

**Operation:**  
 Test Complete

**DATE**  
 December  
**16**  
 2018

**DST #1**      **Formation:** Cherokee snd.      **Test Interval:** 4084 - 4146'      **Total Depth:** 4146'  
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**DANGER**  
 H2S Present  
**15 ppm**  
**PPM**

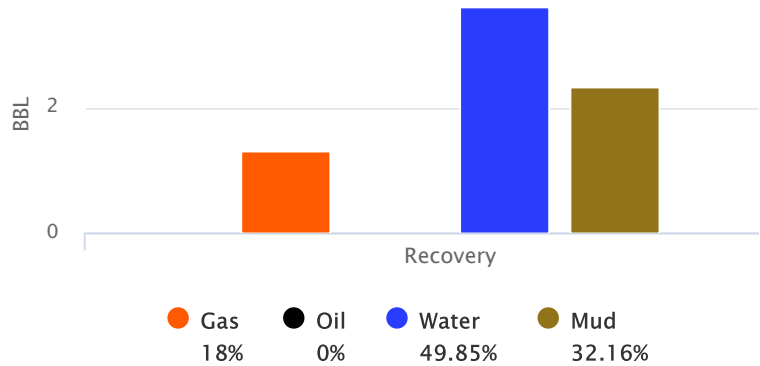
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
62	0.7998	SLWCM	0	0	2	98
62	0.7998	HWCM	0	0	30	70
62	0.7998	SLGCHWCM	10	0	40	50
62	0.7998	MCHGCW	30	0	50	20
62	0.7998	SLMCHGCW	30	0	64	6
124	1.5996	SLMCHGCW	30	0	68	2
100	1.29	SLMCGCW	20	0	79	1
25	0.3225	Sand	0	0	0	100

Total Recovered: 559 ft  
 Total Barrels Recovered: 7.2111

**Reversed Out**  
**NO**

**Recovery at a glance**



Initial Hydrostatic Pressure	1928	PSI
Initial Flow	334 to 399	PSI
<b>Initial Closed in Pressure</b>	<b>0</b>	<b>PSI</b>
Final Flow Pressure	0	PSI
<b>Final Closed in Pressure</b>	<b>0</b>	<b>PSI</b>
Final Hydrostatic Pressure	1912	PSI
Temperature	0	°F
Pressure Change Initial Close / Final Close	0.0	%



# Company: Trans Pacific Oil Corporation

## Lease: Stephens B #2

SEC: 28 TWN: 16S RNG: 21W  
County: NESS  
State: Kansas  
Drilling Contractor: Duke Drilling Company, Inc - Rig 2  
Elevation: 2250 GL  
Field Name: Chaff South  
Pool: WILDCAT  
Job Number: 291

**Operation:**  
Test Complete

**DATE**  
December  
**16**  
2018

**DST #1**      **Formation:** Cherokee snd.      **Test Interval:** 4084 - 4146'      **Total Depth:** 4146'  
Time On: 16:30 12/16      Time Off: 22:32 12/16  
Time On Bottom: 19:14 12/16      Time Off Bottom: 19:19 12/16

**DANGER**  
H2S Present  
**15 ppm**  
**PPM**

**BUCKET MEASUREMENT:**  
1st Open: Bob in 32 sec.

**REMARKS:**  
Oil Percentages are made up of a Foamy/Sandy conglomerate with slight color. Tool sample was straight sand.  
Tool Sample: 0% Gas 0% Oil 0% Water 100% Mud  
Chlorides: 68000 ppm  
Max H2S Reading: 15 ppm ppm



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Field Name: Chaff South  
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Test Complete

**DATE**  
December  
**16**  
2018

**DST #1**      **Formation:** Cherokee snd.      **Test Interval:** 4084 - 4146'      **Total Depth:** 4146'  
Time On: 16:30 12/16      Time Off: 22:32 12/16  
Time On Bottom: 19:14 12/16      Time Off Bottom: 19:19 12/16

**DANGER**  
H2S Present  
**15 ppm**  
PPM

### Down Hole Makeup

<b>Heads Up:</b> 18.78 FT	<b>Packer 1:</b> 4079.37 FT
<b>Drill Pipe:</b> 4070.58 FT <i>ID-3.640</i>	<b>Packer 2:</b> 4084.37 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4068.79 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4086 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 61.63	<b>Surface Choke:</b> 1"
<b>Anchor Makeup</b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 25 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> .5 FT	
<b>Drill Pipe: (in anchor):</b> 31.63 FT <i>ID-3.640</i>	
<b>Change Over:</b> .5 FT	
<b>Perforations: (below):</b> 3 FT <i>4 1/2-FH</i>	



# Company: Trans Pacific Oil Corporation

## Lease: Stephens B #2

SEC: 28 TWN: 16S RNG: 21W  
County: NESS  
State: Kansas  
Drilling Contractor: Duke Drilling Company, Inc - Rig 2  
Elevation: 2250 GL  
Field Name: Chaff South  
Pool: WILDCAT  
Job Number: 291

**Operation:**  
Test Complete

**DATE**  
December  
**16**  
2018

**DST #1**      **Formation:** Cherokee snd.      **Test Interval:** 4084 - 4146'      **Total Depth:** 4146'  
Time On: 16:30 12/16      Time Off: 22:32 12/16  
Time On Bottom: 19:14 12/16      Time Off Bottom: 19:19 12/16

**DANGER**  
H2S Present  
**15 ppm**  
**PPM**

### Mud Properties

**Mud Type:** Chem      **Weight:** 8.9      **Viscosity:** 51      **Filtrate:** 9.2      **Chlorides:** 4800 ppm



# Company: Trans Pacific Oil Corporation

## Lease: Stephens "B" #2

SEC: 28 TWN: 16S RNG: 21W  
County: NESS  
State: Kansas  
Drilling Contractor: Duke Drilling Company, Inc - Rig 2  
Elevation: 2250 GL  
Field Name: Chaff South  
Pool: WILDCAT  
Job Number: 291

**Operation:**  
Uploading recovery & pressures

**DATE**  
December  
**17**  
2018

**DST #2**      **Formation: Kutina**      **Test Interval: 4179 - 4188'**      **Total Depth: 4188'**  
Time On: 10:26 12/17      Time Off: 19:23 12/17  
Time On Bottom: 12:35 12/17      Time Off Bottom: 16:50 12/17

Electronic Volume Estimate:  
138'

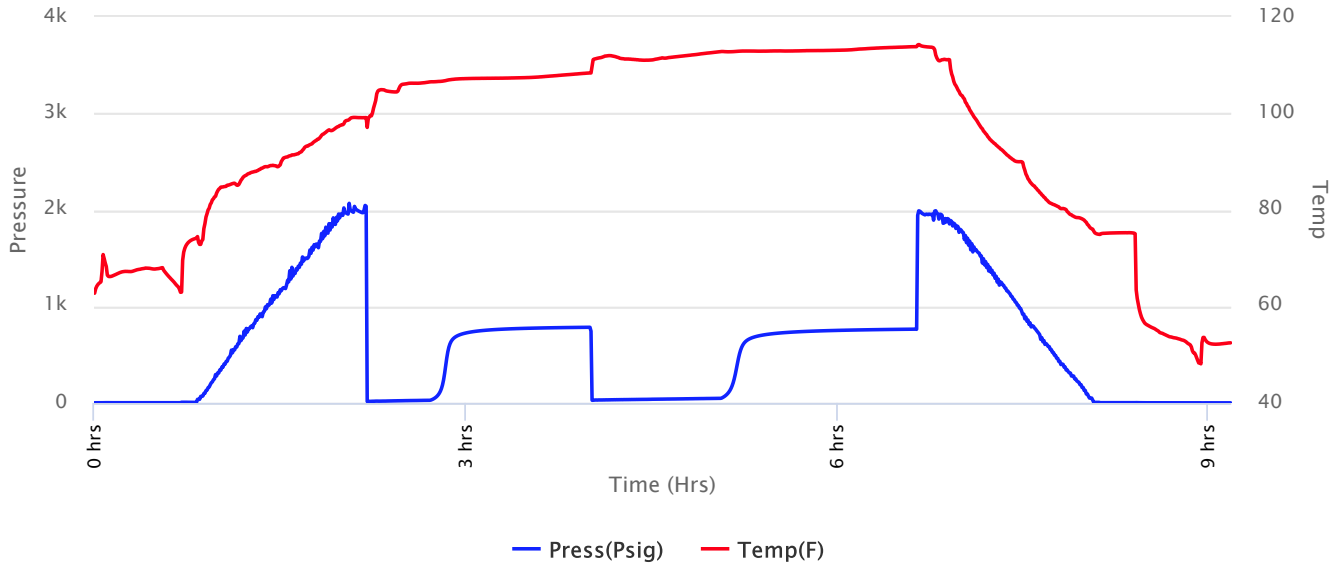
1st Open  
Minutes: 30  
Current Reading: 4" at 30 min  
Max Reading: 4"

1st Close  
Minutes: 75  
Current Reading: 0" at 75 min  
Max Reading: 0"

2nd Open  
Minutes: 60  
Current Reading: 8.5" at 60 min  
Max Reading: 8.5"

2nd Close  
Minutes: 90  
Current Reading: 0" at 90 min  
Max Reading: 0"

Inside Recorder







**Company: Trans Pacific Oil Corporation**

**Lease: Stephens "B" #2**

SEC: 28 TWN: 16S RNG: 21W  
 County: NESS  
 State: Kansas  
 Drilling Contractor: Duke Drilling Company, Inc - Rig 2  
 Elevation: 2250 GL  
 Field Name: Chaff South  
 Pool: WILDCAT  
 Job Number: 291

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 December  
**17**  
 2018

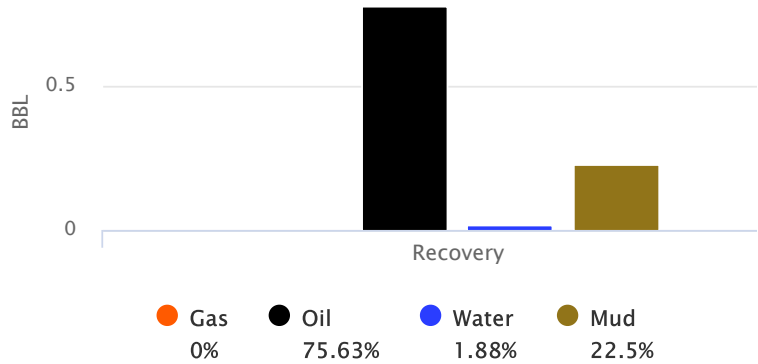
**DST #2**      **Formation: Kutina**      **Test Interval: 4179 - 4188'**      **Total Depth: 4188'**  
 Time On: 10:26 12/17      Time Off: 19:23 12/17  
 Time On Bottom: 12:35 12/17      Time Off Bottom: 16:50 12/17

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
50	0.645	O	0	100	0	0
30	0.387	SLWCHO CM	0	35	5	60

Total Recovered: 80 ft  
 Total Barrels Recovered: 1.032

Reversed Out  
 NO

**Recovery at a glance**



Initial Hydrostatic Pressure	1982	PSI
Initial Flow	16 to 27	PSI
<b>Initial Closed in Pressure</b>	<b>784</b>	<b>PSI</b>
Final Flow Pressure	27 to 48	PSI
<b>Final Closed in Pressure</b>	<b>764</b>	<b>PSI</b>
Final Hydrostatic Pressure	1977	PSI
Temperature	114	°F
Pressure Change Initial Close / Final Close	2.5	%



**Company: Trans Pacific Oil Corporation**

**Lease: Stephens "B" #2**

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County: NESS  
State: Kansas  
Drilling Contractor: Duke Drilling Company, Inc - Rig 2  
Elevation: 2250 GL  
Field Name: Chaff South  
Pool: WILDCAT  
Job Number: 291

**Operation:**  
Uploading recovery & pressures

**DATE**  
December  
**17**  
2018

**DST #2      Formation: Kutina      Test Interval: 4179 - 4188'      Total Depth: 4188'**  
Time On: 10:26 12/17      Time Off: 19:23 12/17  
Time On Bottom: 12:35 12/17      Time Off Bottom: 16:50 12/17

**BUCKET MEASUREMENT:**

1st Open: Surface Blow built to 4" over 30 min.  
1st Close: No Return  
2nd Open: 1/4" Blow built to 8 1/2" over 60 min.  
2nd Close: No Return

**REMARKS:**

Tool Sample: 0% Gas 10% Oil 10% Water 80% Mud  
Gravity: 34.3 @ 60 °F



**Company: Trans Pacific Oil Corporation**

**Lease: Stephens "B" #2**

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 Drilling Contractor: Duke Drilling Company, Inc - Rig 2  
 Elevation: 2250 GL  
 Field Name: Chaff South  
 Pool: WILDCAT  
 Job Number: 291

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 December  
**17**  
 2018

**DST #2**      **Formation: Kutina**      **Test Interval: 4179 - 4188'**      **Total Depth: 4188'**  
 Time On: 10:26 12/17      Time Off: 19:23 12/17  
 Time On Bottom: 12:35 12/17      Time Off Bottom: 16:50 12/17

**Down Hole Makeup**

<b>Heads Up:</b> 17.58 FT	<b>Packer 1:</b> 4174 FT
<b>Drill Pipe:</b> 4164.01 FT <i>ID-3.640</i>	<b>Packer 2:</b> 4179 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4163.42 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4181 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 9	<b>Surface Choke:</b> 1"
<b>Anchor Makeup</b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 0 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 0 FT	
<b>Drill Pipe: (in anchor):</b> 0 FT <i>ID-3.640</i>	
<b>Change Over:</b> 0 FT	
<b>Perforations: (below):</b> 8 FT <i>4 1/2-FH</i>	



**Company: Trans Pacific Oil Corporation**

**Lease: Stephens "B" #2**

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Elevation: 2250 GL  
Field Name: Chaff South  
Pool: WILDCAT  
Job Number: 291

**Operation:**  
Uploading recovery & pressures

**DATE**  
December  
**17**  
2018

**DST #2      Formation: Kutina      Test Interval: 4179 - 4188'      Total Depth: 4188'**  
Time On: 10:26 12/17      Time Off: 19:23 12/17  
Time On Bottom: 12:35 12/17      Time Off Bottom: 16:50 12/17

**Mud Properties**

**Mud Type:** Chem      **Weight:** 9.3      **Viscosity:** 58      **Filtrate:** 8.0      **Chlorides:** 7300 ppm



# Stephens B 2

Daily Report

**API:** 15-135-26039

**STR:** 28-16S-21W

**County:** Ness

**KB:** 2258

**Location:** 455 FSL 2035 FEL

**State:** KS

<b>Zone</b>	<b>Sample Top</b>	<b>Log Top</b>	<b>Structural Position</b>	<b>Comments</b>
Anhydrite	1550 (708)	1551 (707)	-2	
Base Anhydrite	1586 (672)	1586 (672)	0	
Heebner	3648 (-1390)	3646 (-1388)	+2	
Lansing	3688 (-1430)	3688 (-1430)	+2	
Base Kansas City	3951 (-1693)	3946 (-1688)	0	
Pawnee	4034 (-1776)	4032 (-1774)	+12	
Fort Scott	4122 (-1864)	4120 (-1862)	+11	
Cherokee Sand	4138 (-1880)	4134 (-1876)	+10	
Kutina Sand	4184 (-1926)	4178 (-1920)	+14	
Mississippian	4192 (-1934)	4192 (-1934)	+24	



# SWIFT Services, Inc.

DATE 18 Dec 18 PAGE NO. 1

LOG  
 CUSTOMER **Trans Pacific** WELL NO. **#2** LEASE **Stephens B** JOB TYPE **Cement long string**  
 TICKET NO. **31981**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								225 sk EA-2 cement w/ 1/4" Floccle 5 1/2" x 14" casing 102 jts 4272' TD = 4275' Centralizers 1, 2, 3, 5, 7, 63, 65 Baskets 1, 64 Port Collar +64 1577'
	1700							on loc TRK 114
	1740							start 5 1/2" x 14" casing in well
	1920							Drop ball - circulate
	2000		12					Pump 500 gal mud flush
			20					Pump 20 bbl KCL fluid
			6					Plug RH <del>30 sk</del>
	2010	33	47			200		Mix EA-2 cement <del>195 sk</del> @ 15.3 ppg
	2022							Drop latch down plug wash out pump & line
	2026	5 3/4				200		Displace plug
		5 3/4	97			900		
	2100	5 3/4	103			1600		Land plug
								Release pressure to truck - dried up
	2110							wash truck
								Rack up
	2135							job complete Thanks Blaine, Flint & squatch

LOG

## SWIFT Services, Inc.

DATE

2 Jan 19

PAGE NO.

1

CUSTOMER

TRANS Pacific

WELL NO.

LEASE

Stephens B

JOB TYPE

cement put collar

TICKET NO.

31985

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								200 sk SAND cement w/ #4 flocc 2 3/8 x 5 1/2 put collar - 1583'
	1100							on loc TRK 115
	1115					1000	1000	test to 1000 psi - held open put collar
	1125	3	3			400		inj rate 3 bpm @ 400 psi
	1130	3				400		MID SAND cement @ 1 1/2 ppg
		3	3			400		- circ fluid to pit -
		3	67			450		→ cement to surface ← { 125 sk mixed 15 to pit }
			5 1/2					3 1/2 bbl H <sub>2</sub> O Displacement
						1000	1000	close put collar test to 1000 psi - held
	1215							RUN 5 joints Reverse hole clean - 2 cement plugs -
			20					pull tool
	1225							wash truck Rack up job complete
								Thanks Flint, Blaine, & squatch