

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1253342
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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 SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- 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 ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1253342

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. 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 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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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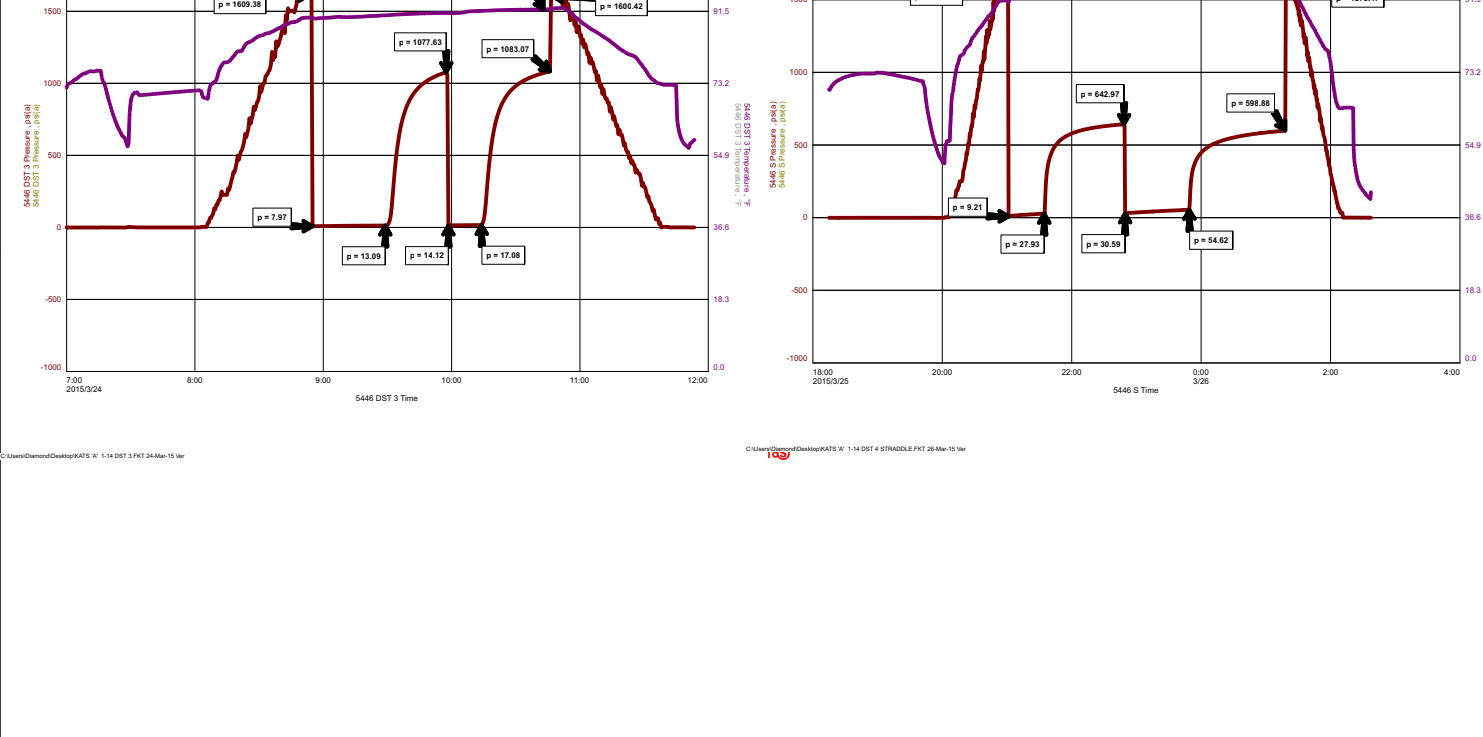
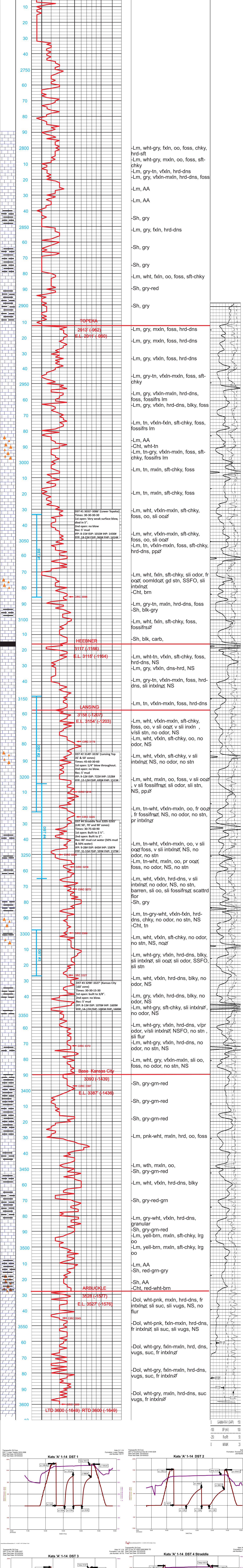
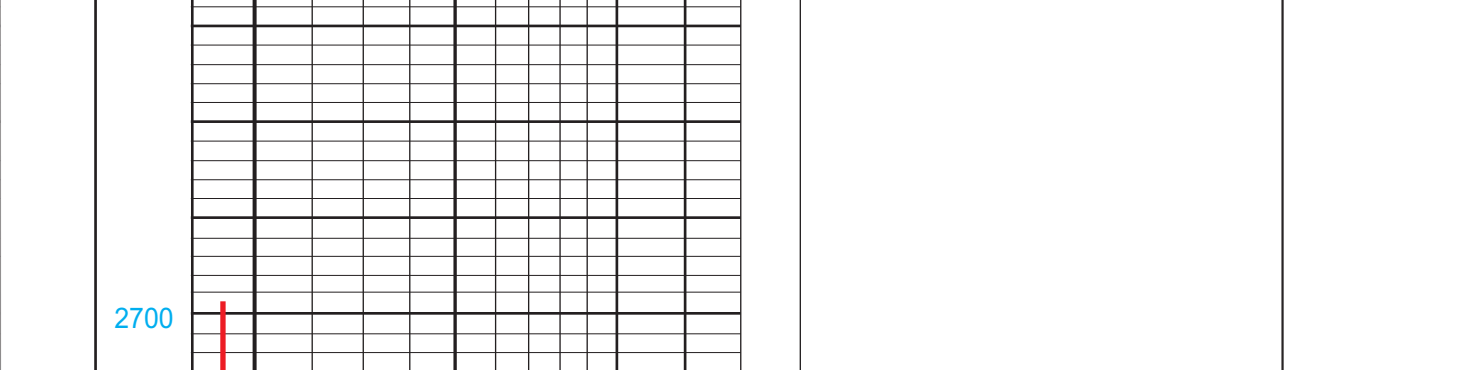


GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

Geologist on Well	Alex Chapin	ELEVATIONS	KB 1951
LEASE	Kats A #1-14	DF	
FIELD	Wildcat	GL	1946
LOCATION	1650' NTL & 660' FEL	Measurements Are All From Kelly Busting	
SFC	14 TWSP 6S RGE 18W	CASING	
COUNTY	Roarks STATE Kansas	RD	3600 LTD
CONTRACTOR	Shields	MUD UP	3600
SPUD	3/18/2015	TYPE MUD	CHEMICAL
CONDUCTOR		SAMPLES SAVED FROM	2700 TO RTD
		DRILLING TIME KEPT FROM	2600 TO RTD
		SAMPLES EXAMINED FROM	2700 TO RTD
		GEOLOGICAL SUPERVISION FROM	2700
		REFERENCE WELL	Muir Unit A 1-13 Sec 13-6S-18W

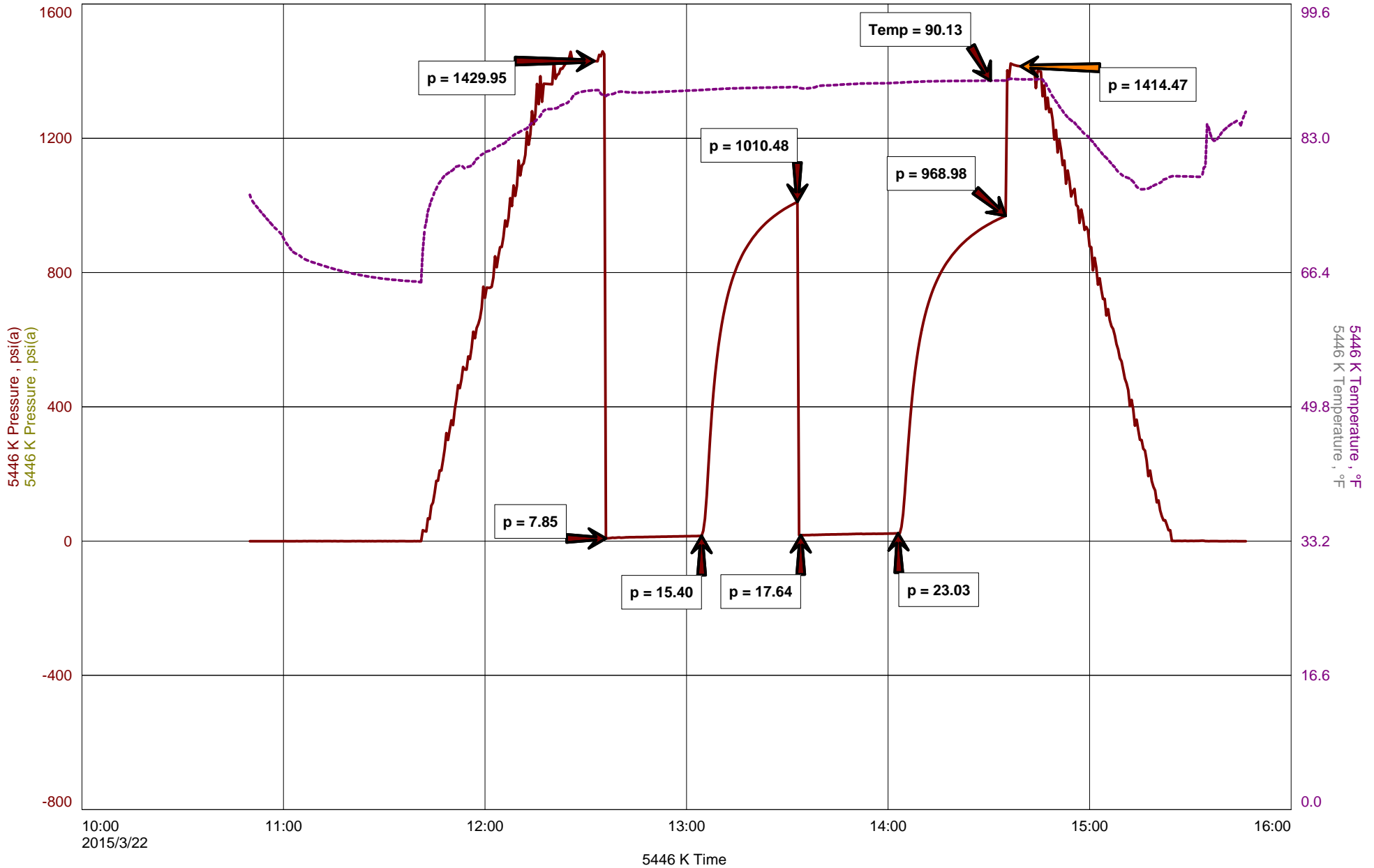
REMARKS
 It was decided to set 4-1/2" casing on the Kats A #1-14 to convert to an injection well.
 Respectfully submitted,
 Alex Chapin

Formation	Sample Tops	E-Log Tops	Stimul Post
Anhydrite	1424 (+527)	1423 (+528)	-11
Base Anhydrite	1451 (+500)	1450 (+501)	-8
Topokta	2913 (+962)	2911 (+960)	-9
Heebner	3117 (-1166)	3115 (-1164)	-7
Lansing	3158 (-1207)	3154 (-1203)	-6
BKC	3390 (-1439)	3387 (-1436)	-7
Arbuckle	3528 (-1577)	3527 (-1576)	+02
LTD	3600 (-1649)	3600 (-1649)	



Notes for DST logs:
 DST #1 3033'-3086' (Lower Topokta): Times: 30-30-30-30. 1st open: Very weak surface blow, filled in 5". 2nd open: no blow. Rec: 5' mud. IFF: 9-28H ISIP: 1010H IHP: 1430H. FFP: 18-25H FSP: 962H FHP: 1414H.
 DST #2 3149'-3225' (Lansing Top 35' & 50' zones): Times: 45-60-30-60. 1st open: 2 1/2" blow throughout. 2nd open: no blow. Rec: 5' mud. IFF: 9-28H ISIP: 643H IHP: 1528H. FFP: 12-12H FSP: 692H FHP: 1513H.
 DST #3 3298'-3327' (Kansas City 160' zone): Times: 30-30-15-30. 1st open: built to 3/8". 2nd open: no blow. Rec: 5' mud. IFF: 9-28H ISIP: 1078H IHP: 1609H. FFP: 14-17H FSP: 1083H FHP: 1600H.
 DST #4 Straddle Test 3305-3355' (LKC 50', 70' and 90' zones): Times: 30-30-15-30. 1st open: Built to 2". 2nd open: Built to 2". Rec: 80' mud cut water (50% mud & 50% water). IFF: 9-28H ISIP: 643H IHP: 1587H. FFP: 31-35H FSP: 592H FHP: 1579H.

Kats 'A' 1-14 DST 1





Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name	Transpacific Oil Corp	Alex Chapin	Job Number	W177
Contact		Kats 'A' 1-14	Representative	Wilbur Steinbeck
Well Name		DST 1 Lower Topeka 3033-3086	Well Operator	Sheilds
Unique Well ID		14-6s-18w Rooks/Kans	Report Date	2015/03/22
Surface Location		Wildcat	Prepared By	Wilbur Steinbeck
Field			Qualified By	Alex Chapin

Test Information

Test Type	Conventional		
Formation	Lower Topeka		
Well Fluid Type	01 Oil		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2015/03/22	Start Test Time	10:50:00
Final Test Date	2015/03/22	Final Test Time	15:57:00

Test Recovery

Recovery	5' Mud
	5' Total Fluid

Tool Sample Mud



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: Kats 'A' 1-14 DST 1

TIME ON: 10:50
 TIME OFF: 15:57

Company Transpacific Oil Corp Lease & Well No. Kats 'A' 1-14
 Contractor Sheilds Rig 1 Charge to Transpacific
 Elevation 1951 KB Formation Lower Topeka Effective Pay _____ Ft. Ticket No. W177
 Date 3-22-15 Sec. 14 Twp. 6 S Range 18 W County Rooks State KANSAS
 Test Approved By Alex Diamond Representative Wilbur Steinbeck

Formation Test No. 1 Interval Tested from 3033 ft. to 3086 ft. Total Depth 3086 ft.
 Packer Depth 3028 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3033 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3019 ft. Recorder Number 5446 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3034 ft. Recorder Number 5965 Cap. 5,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 55 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.2 Water Loss 6.0 cc. Weight Pipe Length 341 ft. I.D. 2 7/8 in.
 Chlorides 1300 P.P.M. Drill Pipe Length 2664 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 7 Test Tool Length 28 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? No Reversed Out No Anchor Length 53 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Surface Blow No Return
 2nd Open: No Blow No Return

Recovered 5 ft. of Mud
 Recovered 5 ft. of Total Fluid
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

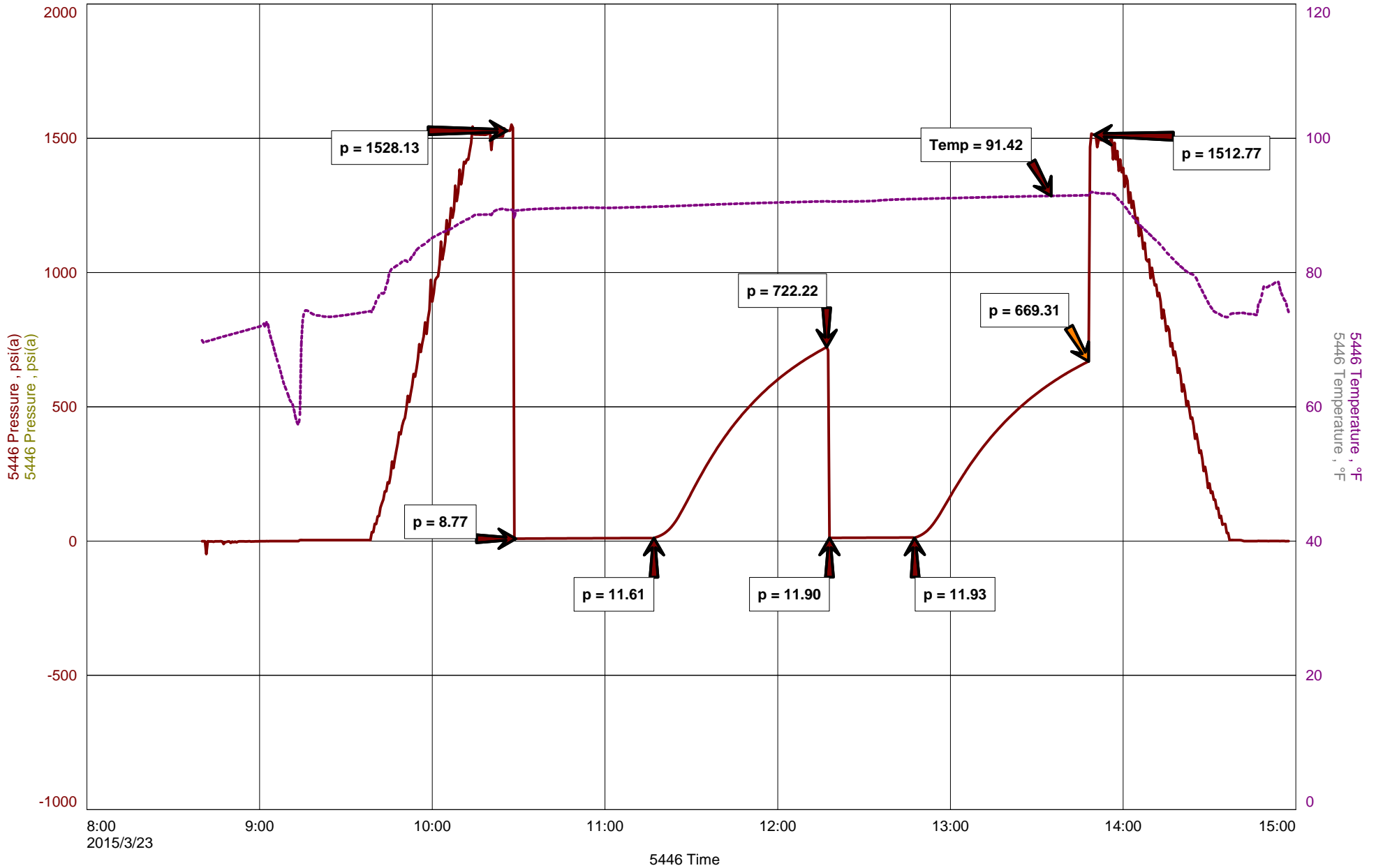
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: <u>Tool Sample Mud</u>	Total

Time Set Packer(s) 12:40 A.M. P.M. Time Started Off Bottom 14:40 A.M. P.M. Maximum Temperature 90

Initial Hydrostatic Pressure..... (A) 1430 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 15 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 1010 P.S.I.
 Final Flow Period..... Minutes 30 (E) 18 P.S.I. to (F) 23 P.S.I.
 Final Closed In Period..... Minutes 30 (G) 969 P.S.I.
 Final Hydrostatic Pressure..... (H) 1414 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Kats 'A' 1-14 DST 2





Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name	Transpacific Oil Corp	Alex Chapin	Job Number	W178
Contact		Kats 'A' 1-14	Representative	Wilbur Steinbeck
Well Name		DST 2 Toronto/Lan first 50' 3149-3226	Well Operator	Sheilds
Unique Well ID		14-6s-18w Rooks/Kans	Report Date	2015/03/23
Surface Location		Wildcat	Prepared By	Wilbur Steinbeck
Field			Qualified By	Alex Chapin

Test Information

Test Type	Conventional		
Formation	Toronto/Lan first 50'		
Well Fluid Type	01 Oil		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2015/03/23	Start Test Time	08:50:00
Final Test Date	2015/03/23	Final Test Time	15:08:00

Test Recovery

Recovery	5' Mud
	5' Total Fluid

Tool Sample Mud



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Kats 'A' 1-14 DST 2

TIME ON: 8:50
TIME OFF: 15:08

Company Transpacific Oil Corp Lease & Well No. Kats 'A' 1-14
Contractor Sheilds Rig 1 Charge to Transpacific
Elevation 1951 KB Formation Toronto/Lan first 50' Effective Pay _____ Ft. Ticket No. W178
Date 3-23-15 Sec. 14 Twp. _____ 6 S Range _____ 18 W County _____ Rooks State KANSAS
Test Approved By Alex Chapin Diamond Representative _____ Wilbur Steinbeck

Formation Test No. _____ Interval Tested from 3149 ft. to 3226 ft. Total Depth _____ 3226 ft.
Packer Depth _____ 3144 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ 3149 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3134 ft. Recorder Number _____ 5446 Cap. _____ 5000 P.S.I.
Bottom Recorder Depth (Outside) _____ 3150 ft. Recorder Number _____ 5965 Cap. _____ 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 55 Drill Collar Length _____ 0 ft. I.D. _____ 2 1/4 in.
Weight _____ 9.2 Water Loss _____ 6.0 cc. Weight Pipe Length _____ 341 ft. I.D. _____ 2 7/8 in.
Chlorides _____ 1300 P.P.M. Drill Pipe Length _____ 2780 ft. I.D. _____ 3 1/2 in.
Jars: Make STERLING Serial Number _____ 7 Test Tool Length _____ 28 ft. Tool Size 3 1/2-IF in.
Did Well Flow? No Reversed Out No Anchor Length _____ 77 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Built to 1/4" No Return
2nd Open: No Blow No Return

Recovered _____ 5 ft. of Mud
Recovered _____ 5 ft. of Total Fluid
Recovered _____ ft. of _____
Recovered _____ ft. of _____

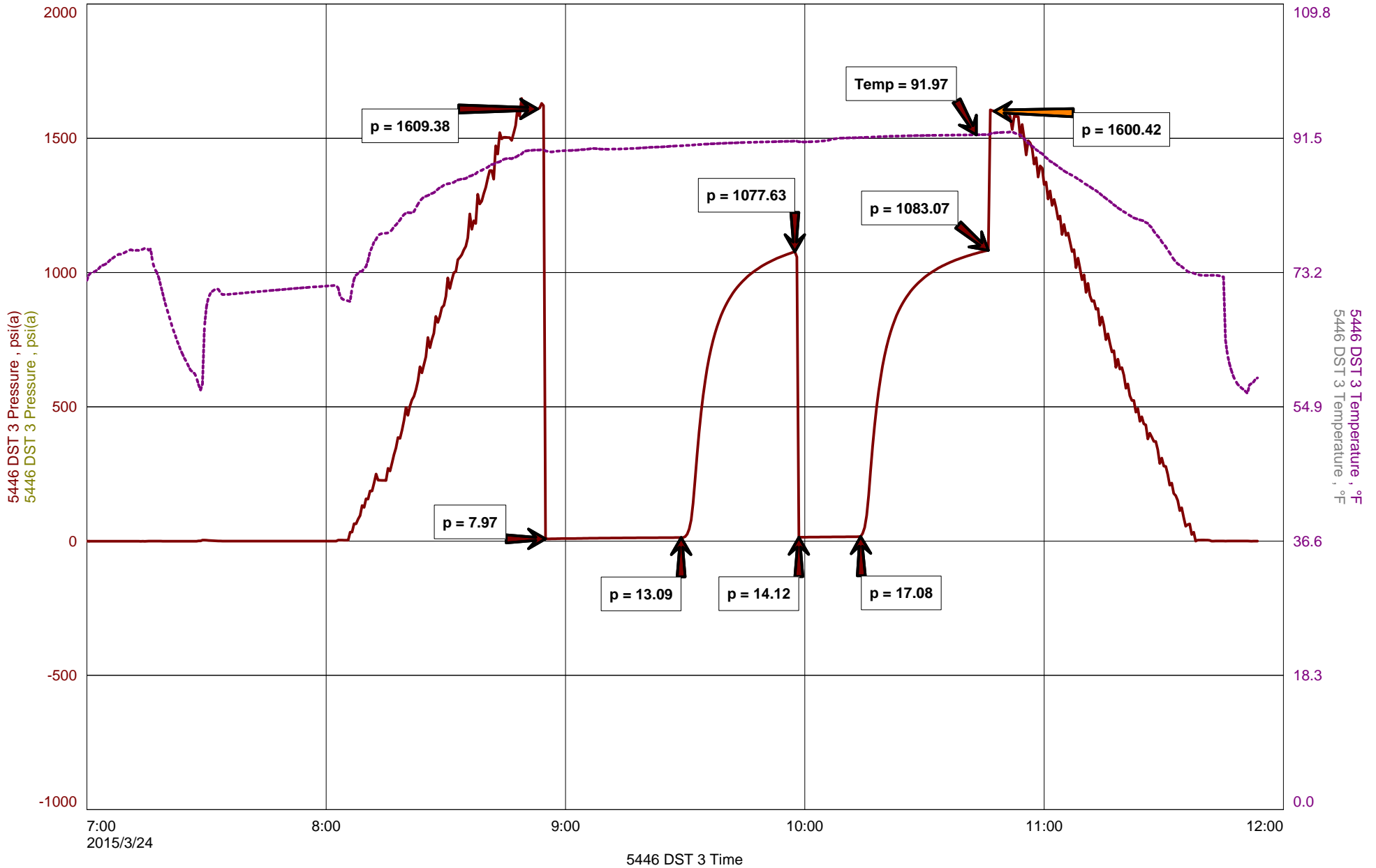
Recovered _____ ft. of _____	35 Miles RT	Price Job
Recovered _____ ft. of _____		Other Charges
Remarks: <u>Tool Sample Mud</u>		Insurance
_____		Total

Time Set Packer(s) 10:40 A.M. P.M. Time Started Off Bottom 13:55 A.M. P.M. Maximum Temperature _____ 91

Initial Hydrostatic Pressure..... (A) _____ 1528 P.S.I.
Initial Flow Period..... Minutes 45 (B) _____ 9 P.S.I. to (C) _____ 12 P.S.I.
Initial Closed In Period..... Minutes 60 (D) _____ 722 P.S.I.
Final Flow Period..... Minutes 30 (E) _____ 12 P.S.I. to (F) _____ 12 P.S.I.
Final Closed In Period..... Minutes 60 (G) _____ 699 P.S.I.
Final Hydrostatic Pressure..... (H) _____ 1513 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Kats 'A' 1-14 DST 3





Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name	Transpacific Oil Corp	Job Number	W179
Contact	Alex Chapin	Representative	Wilbur Steinbeck
Well Name	Kats 'A' 1-14	Well Operator	Sheilds
Unique Well ID	DST 3 Lan 160' 3298-3327	Report Date	2015/03/24
Surface Location	14-6s-18w Rooks/Kans	Prepared By	Wilbur Steinbeck
Field	Wildcat	Qualified By	Alex Chapin

Test Information

Test Type	Conventional		
Formation	Lan 160'		
Well Fluid Type	01 Oil		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2015/03/24	Start Test Time	07:00:00
Final Test Date	2015/03/24	Final Test Time	11:55:00

Test Recovery

Recovery 5' Mud
 5' Total Fluid

Tool Sample Mud



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Kats 'A' 1-14 DST 3

TIME ON: 7:00
TIME OFF: 11:55

Company Transpacific Oil Corp Lease & Well No. Kats 'A' 1-14
Contractor Sheilds Rig 1 Charge to Transpacific
Elevation 1951 KB Formation _____ Lan 160' Effective Pay _____ Ft. Ticket No. W179
Date 3-24-15 Sec. 14 Twp. _____ 6 S Range _____ 18 W County _____ Rooks State KANSAS
Test Approved By Alex Chapin Diamond Representative _____ Wilbur Steinbeck

Formation Test No. 3 Interval Tested from 3298 ft. to 3327 ft. Total Depth 3327 ft.
Packer Depth 3293 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3298 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) _____ 3284 ft. Recorder Number _____ 5446 Cap. _____ 5000 P.S.I.
Bottom Recorder Depth (Outside) _____ 3299 ft. Recorder Number _____ 5965 Cap. _____ 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type Chem Viscosity 50 Drill Collar Length _____ 0 ft. I.D. _____ 2 1/4 in.
Weight 9.5 Water Loss 6.4 cc. Weight Pipe Length _____ 341 ft. I.D. _____ 2 7/8 in.
Chlorides _____ 1100 P.P.M. Drill Pipe Length _____ 2932 ft. I.D. _____ 3 1/2 in.
Jars: Make STERLING Serial Number 7 Test Tool Length _____ 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? No Reversed Out No Anchor Length _____ 29 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Built to 3/8" No Return
2nd Open: No Blow No Return

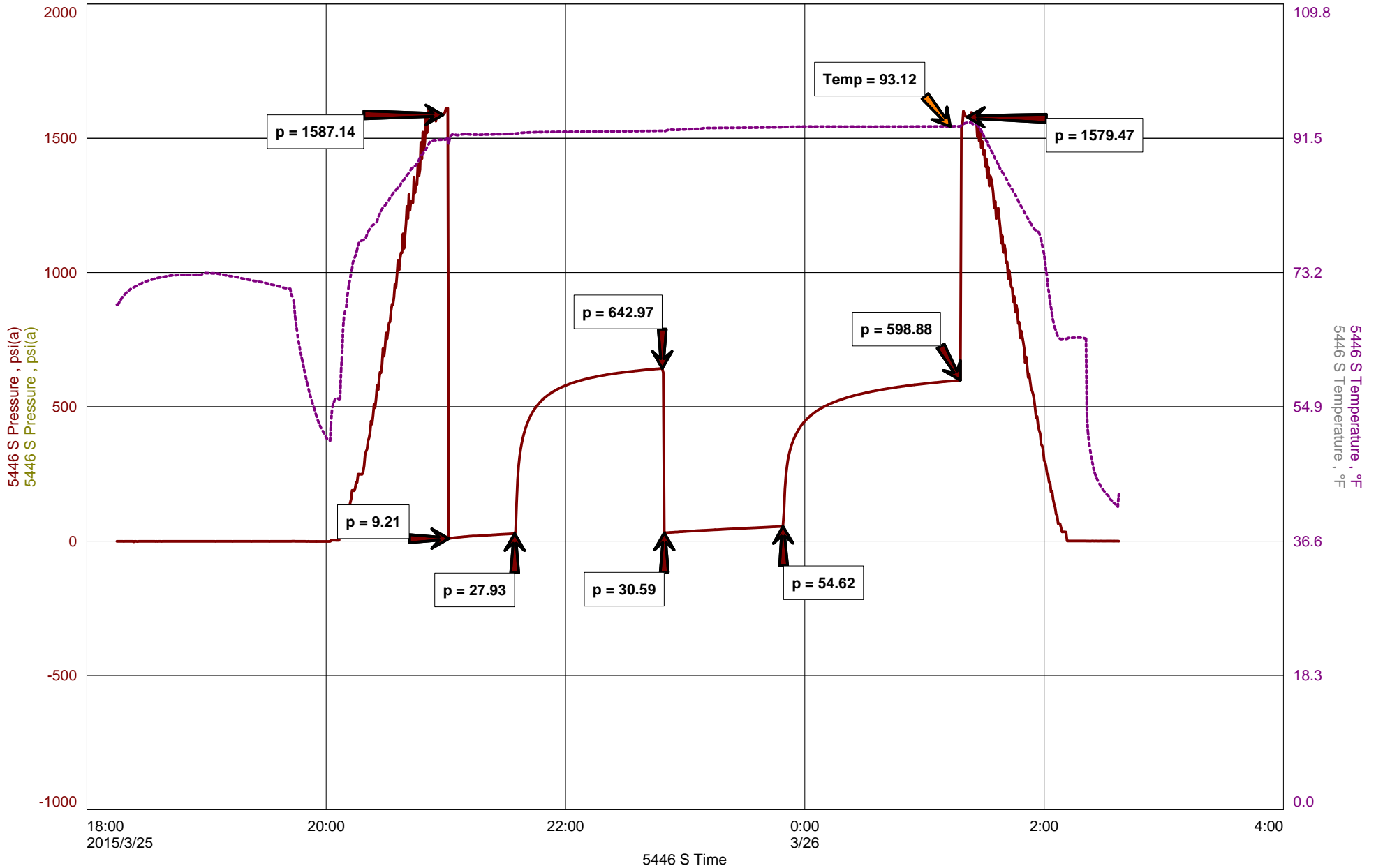
Recovered 5 ft. of Mud
Recovered 5 ft. of Total Fluid
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

	Price Job
35 Miles RT	Other Charges
Remarks: <u>Tool Sample Mud</u>	Insurance
	Total

Time Set Packer(s) 9:00 A.M. P.M. Time Started Off Bottom 10:45 A.M. P.M. Maximum Temperature 92
Initial Hydrostatic Pressure..... (A) _____ 1609 P.S.I.
Initial Flow Period..... Minutes 30 (B) _____ 8 P.S.I. to (C) _____ 13 P.S.I.
Initial Closed In Period..... Minutes 30 (D) _____ 1078 P.S.I.
Final Flow Period..... Minutes 15 (E) _____ 14 P.S.I. to (F) _____ 17 P.S.I.
Final Closed In Period..... Minutes 30 (G) _____ 1083 P.S.I.
Final Hydrostatic Pressure..... (H) _____ 1600 P.S.I.

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Kats 'A' 1-14 DST 4 Straddle





Diamond Testing General Report

Wilbur Steinbeck
TESTER
CELL: 620-282-1573

General Information

Company Name	Transpacific Oil Corp	Alex Chapin	Job Number	W180
Contact		Kats 'A' 1-14	Representative	Wilbur Steinbeck
Well Name		DST 4 Lan 70' 3205-3265/3600 TD	Well Operator	Sheilds
Unique Well ID		14-6s-18w Rooks/Kans	Report Date	2015/03/25
Surface Location		Wildcat	Prepared By	Wilbur Steinbeck
Field			Qualified By	Alex Chapin

Test Information

Test Type	Conventional		
Formation	Lan 70'		
Well Fluid Type	01 Oil		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2015/03/25	Start Test Time	18:15:00
Final Test Date	2015/03/26	Final Test Time	02:40:00

Test Recovery

Recovery 80' MCW 50%M 50%W
 80' Total Fluid

Tool Sample MCW 25%M 75%W

RW=38000



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 18:15
 TIME OFF: 2:40

DRILL-STEM TEST TICKET
 FILE: Kats 'A' 1-14 DST 4 Straddle

Company Transpacific Oil Corp Lease & Well No. Kats 'A' 1-14
 Contractor Sheilds Rig 1 Charge to Transpacific
 Elevation 1951 KB Formation _____ Lan 70' Effective Pay _____ Ft. Ticket No. W180
 Date 3-25-15 Sec. 14 Twp. _____ 6 S Range _____ 18 W County _____ Rooks State KANSAS
 Test Approved By Alex Chapin Diamond Representative Wilbur Steinbeck

Formation Test No. 4 Interval Tested from 3205 ft. to 3265 ft. Total Depth 3600 ft.
 Packer Depth 3200 ft. Size 6 3/4 in. Packer depth 3265 ft. Size 6 3/4 in.
 Packer Depth 3205 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3191 ft. Recorder Number 5446 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3206 ft. Recorder Number 5965 Cap. 5,000 P.S.I.
 Below Straddle Recorder Depth 3266 ft. Recorder Number 5587 Cap. 5,000 P.S.I.

Mud Type Chem Viscosity 53 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.8 Water Loss 7.2 cc. Weight Pipe Length 341 ft. I.D. 2 7/8 in.
 Chlorides 1100 P.P.M. Drill Pipe Length 2839 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 7 Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? Yes Reversed Out No Anchor Length 60/335 tail pipe ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Built to 2 1/2" No Return
 2nd Open: Built to 2" No Return

Recovered 80 ft. of MCW 50%M 50%W
 Recovered 80 ft. of Total Fluid
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Remarks: Tool Sample MCW
 RW=38000

	Straddle
	Price Job
35 Miles RT	Other Charges
	Insurance
	Total

Time Set Packer(s) 21:05 A.M. P.M. Time Started Off Bottom 1:20 A.M. P.M. Maximum Temperature 93
 Initial Hydrostatic Pressure..... (A) 1587 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 28 P.S.I.
 Initial Closed In Period..... Minutes 75 (D) 643 P.S.I.
 Final Flow Period..... Minutes 60 (E) 31 P.S.I. to (F) 55 P.S.I.
 Final Closed In Period..... Minutes 90 (G) 599 P.S.I.
 Final Hydrostatic Pressure..... (H) 1579 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

ALLIED OIL & GAS SERVICES, LLC 055703

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>3.18.15</u>	SEC <u>14</u>	TWP. <u>6</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>12:15</u>
LEASE <u>KALS-A</u>	WELL # <u>1-14</u>	LOCATION <u>Stockton Kc</u>	COUNTY <u>Booke</u>	STATE <u>Ks</u>			
OLD OR NEW (Circle one)		<u>7 MONTH to Cir 5 & West into</u>					

CONTRACTOR Shields

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D.

CASING SIZE 8 5/8 DEPTH 220'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 15'

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13.11 m³/hr

OWNER

CEMENT

AMOUNT ORDERED 150sk com

+ 2% gel + 3% cc

COMMON	<u>150sk</u>	@	<u>17.9</u>	\$	<u>2,685.00</u>
POZMIX		@			
GEL	<u>282lb</u>	@	<u>.50</u>	\$	<u>141.00</u>
CHLORIDE	<u>423lb</u>	@	<u>1.10</u>	\$	<u>465.30</u>
ASC		@			
		@			
		@			
		@			
		@			
		@			
		@			
HANDLING	<u>150sk FV3</u>	@	<u>2.48</u>	\$	<u>372.00</u>
MILEAGE	<u>282 nm</u>	@	<u>2.75</u>	\$	<u>775.50</u>
				TOTAL	<u>4,438.80</u>

EQUIPMENT

PUMP TRUCK CEMENTER Don Plummer

409 HELPER Tracy J.

BULK TRUCK

985 DRIVER Ben G.

BULK TRUCK

DRIVER

REMARKS:

See Cementing Job log

Cement to Surface

CHARGE TO: Trans Pacific

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB 220'

PUMP TRUCK CHARGE \$1519.25

EXTRA FOOTAGE @

MILEAGE Henry 80 @ 7.7 \$ 616.00

MANIFOLD high 40 @ 4.4 \$ 176.00

3-18-15

TOTAL \$2,304.25

PLUG & FLOAT EQUIPMENT

@

@

@

@

Thanks

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment

Long String

JOB LOG

SWIFT Services, Inc.

DATE 3-26-15 PAGE NO. 1

CUSTOMER Trans Pac WELL NO. A1-14 LEASE Kats JOB TYPE long string TICKET NO. 27105

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1105							on location w/ Float Equip
								4 1/2 csg
								RTD - 3600'
								LTD - 3600'
								Shoe - 3577'
								P.C. - 1388 Joint 53
								Cent. 1,2,3,5,7,9,11,13, 52, 54
								Bskts - 1 & 52
	1115							Start csg
	1250							Break Circulation on bottom
	1105	2.5				0		Cmt RAT & mouse hole
		5.5	0			200		Start Flushes
		5.5	12/0			200		Start KCl spacer
	120	5.5	20/0			200		Start cmt
	135	5.5	39			200		End cmt
								wash p&L
	140	5.5	0			0		Start Disp
	150	5.5	57			600/1300		End Disp
								Thanks
								David, Austin, Craig

JOB LOG

SWIFT Services, Inc.

DATE 4-1-15 PAGE NO. 1

CUSTOMER Trans Pacific Oil Co WELL NO. A-1 LEASE KATS JOB TYPE Cement Port Collar TICKET NO. 27065

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0945					2 3/8	4 1/2	DN location - 200 SKS SMD cut 1/2" 1/2" Flange Setup Tbs P.C @ 1388'
	10:00							Press up - Tst P.C closed change out Head Rubber
	10:20					C	1000	Press up - 1000' - Held
		3	3				300	open port collar Fin rate
		3					C	Hook to tbg
		3				300		Start 5 BBI H2O
		3	5 H2O			300		Start cut - Have circulation
		3	65			300		Cement Circulate @ 125 SKS @ 11.2"
		3	73			300		Test in 25 SKS @ 13 1/2" (8 BBI)
		3	4			300		Fin cut - Disp 4 BBI H2O
						C		close Tbg
							1000	Close & Tst. P.C - closed
								Run 5 H2O tbg
		3	6 / 10				300	Rev-out 2 flange - clean
	11:20		25					Fin rev-out
	11:30							Job complete Wakeup & Drackup Thanks Alan, Tony, Steve & Craig
								125 SKS SMD @ 11.2" / gal to circulate 25 SKS SMD @ 13.5" / gal Test in 150 SKS SMD Total used
	11:45							



Kats A 1-14

Drilling Report

API: 15-163-24286

STR: 14-6S-18W

County: Rooks

KB: 1951

Location: 1650 FNL 660 FEL

State: KS

Log Tops:

Anhydrite	1423' (+528) -11'
B/Anhydrite	1450' (+501) -8'
Topeka	2911' (-960) -9'
Heebner	3115' (-1164) -7'
Lansing	3154' (-1203) -6'
BKC	3387' (-1436) -7'
Arbuckle	3527' (-1576)+102'
RTD	3600' (-1649)