

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. 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)</i> <i>(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	WHISMAN A 1-31
Doc ID	1457956

All Electric Logs Run

Comp Density/Neutron
Micro
Sonic
Dual Induction



Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
County: ROOKS
State: Kansas
Drilling Contractor: L. D. Drilling, Inc - Rig 1
Elevation: 1862 GL
Field Name: Brungardt East
Pool: Pool Ext
Job Number: 320

Operation:
Uploading recovery & pressures

DATE
April
09
2019

DST #1 **Formation: Upper Topeka** **Test Interval: 2807 - 2875'** **Total Depth: 2875'**
Time On: 02:55 04/09 Time Off: 11:33 04/09
Time On Bottom: 05:33 04/09 Time Off Bottom: 09:48 04/09

Electronic Volume Estimate:
83'

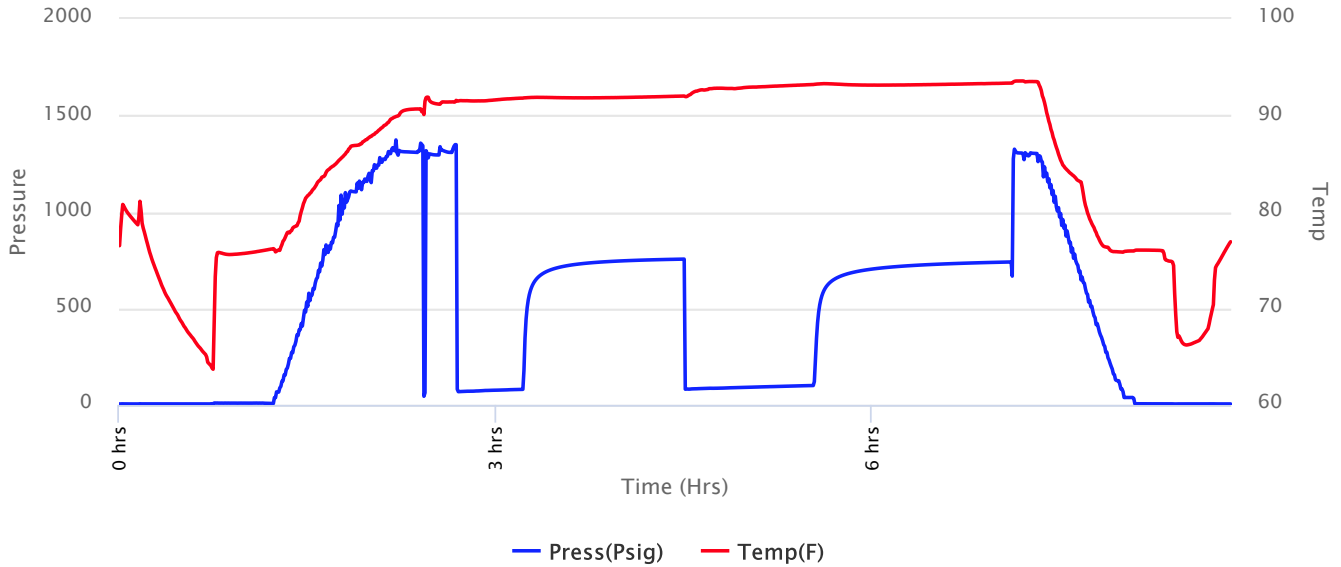
1st Open
Minutes: 30
Current Reading:
5.7" at 30 min
Max Reading: 5.7"

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

2nd Open
Minutes: 60
Current Reading:
5.6" at 60 min
Max Reading: 5.6"

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

Inside Recorder





Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
 County: ROOKS
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 1862 GL
 Field Name: Brungardt East
 Pool: Pool Ext
 Job Number: 320

Operation:
 Uploading recovery & pressures

DATE
 April
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 2019

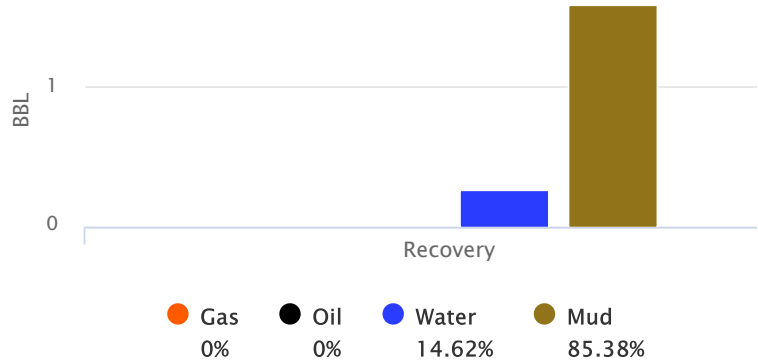
DST #1 **Formation: Upper Topeka** **Test Interval: 2807 - 2875'** **Total Depth: 2875'**
 Time On: 02:55 04/09 Time Off: 11:33 04/09
 Time On Bottom: 05:33 04/09 Time Off Bottom: 09:48 04/09

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
55	0.5643	M (trace O)	0	.01	0	99.99
63	0.64638	M	0	0	0	100
63	0.64638	HWCM	0	0	42	58

Total Recovered: 181 ft
 Total Barrels Recovered: 1.85706

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1308	PSI
Initial Flow	70 to 81	PSI
Initial Closed in Pressure	756	PSI
Final Flow Pressure	82 to 100	PSI
Final Closed in Pressure	741	PSI
Final Hydrostatic Pressure	1305	PSI
Temperature	94	°F
Pressure Change Initial Close / Final Close	2.0	%

GIP cubic foot volume: 0



Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
County: ROOKS
State: Kansas
Drilling Contractor: L. D. Drilling, Inc -
Rig 1
Elevation: 1862 GL
Field Name: Brungardt East
Pool: Pool Ext
Job Number: 320

Operation:
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pressures

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DST #1	Formation: Upper Topeka	Test Interval: 2807 - 2875'	Total Depth: 2875'
	Time On: 02:55 04/09	Time Off: 11:33 04/09	
	Time On Bottom: 05:33 04/09	Time Off Bottom: 09:48 04/09	

BUCKET MEASUREMENT:

1st Open: 1 3/4" Blow built to 5 3/4" over 30 min.
1st Close: No Return
2nd Open: Surface Blow Started at 4 min. Built to 5 3/4" over 60 min.
2nd Close: No Return

REMARKS:

Tool Slid approx. 6 feet to bottom. Had to add an additional joint to make bottom and be able to set slips.

Tool Sample: 0% Gas 0% Oil 35% Water 65% Mud

Gravity: 3.6 @ 60 °F

Ph: 7

Measured RW: .24 @ 60 degrees °F

RW at Formation Temp: 0.159 @ 94 °F

Chlorides: 31000 ppm



Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
 County: ROOKS
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 1862 GL
 Field Name: Brungardt East
 Pool: Pool Ext
 Job Number: 320

Operation:
 Uploading recovery & pressures

DATE
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DST #1 **Formation: Upper Topeka** **Test Interval: 2807 - 2875'** **Total Depth: 2875'**
 Time On: 02:55 04/09 Time Off: 11:33 04/09
 Time On Bottom: 05:33 04/09 Time Off Bottom: 09:48 04/09

Down Hole Makeup

Heads Up: 30.56 FT	Packer 1: 2801.56 FT
Drill Pipe: 2809.38 FT <i>ID-3 1/4</i>	Packer 2: 2806.56 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 2790.98 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 1 FT
Test Tool: 28.74 FT <i>ID-3 1/2-FH</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 68.44	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 31 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 31.44 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 3 FT <i>4 1/2-FH</i>	



Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
County: ROOKS
State: Kansas
Drilling Contractor: L. D. Drilling, Inc -
Rig 1
Elevation: 1862 GL
Field Name: Brungardt East
Pool: Pool Ext
Job Number: 320

Operation:
Uploading recovery &
pressures

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DST #1 **Formation: Upper Topeka** **Test Interval: 2807 - 2875'** **Total Depth: 2875'**
Time On: 02:55 04/09 Time Off: 11:33 04/09
Time On Bottom: 05:33 04/09 Time Off Bottom: 09:48 04/09

Mud Properties

Mud Type: Chem **Weight:** 9.0 **Viscosity:** 51 **Filtrate:** 7.6 **Chlorides:** 4800 ppm



Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
County: ROOKS
State: Kansas
Drilling Contractor: L. D. Drilling, Inc - Rig 1
Elevation: 1862 GL
Field Name: Brungardt East
Pool: Pool Ext
Job Number: 320

Operation:
Uploading recovery & pressures

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DST #2 **Formation: Toronto - LKC "A,B,C"** **Test Interval: 3025 - 3120'** **Total Depth: 3120'**
Time On: 03:54 04/10 Time Off: 11:03 04/10
Time On Bottom: 05:57 04/10 Time Off Bottom: 09:32 04/10

Electronic Volume Estimate:
2'

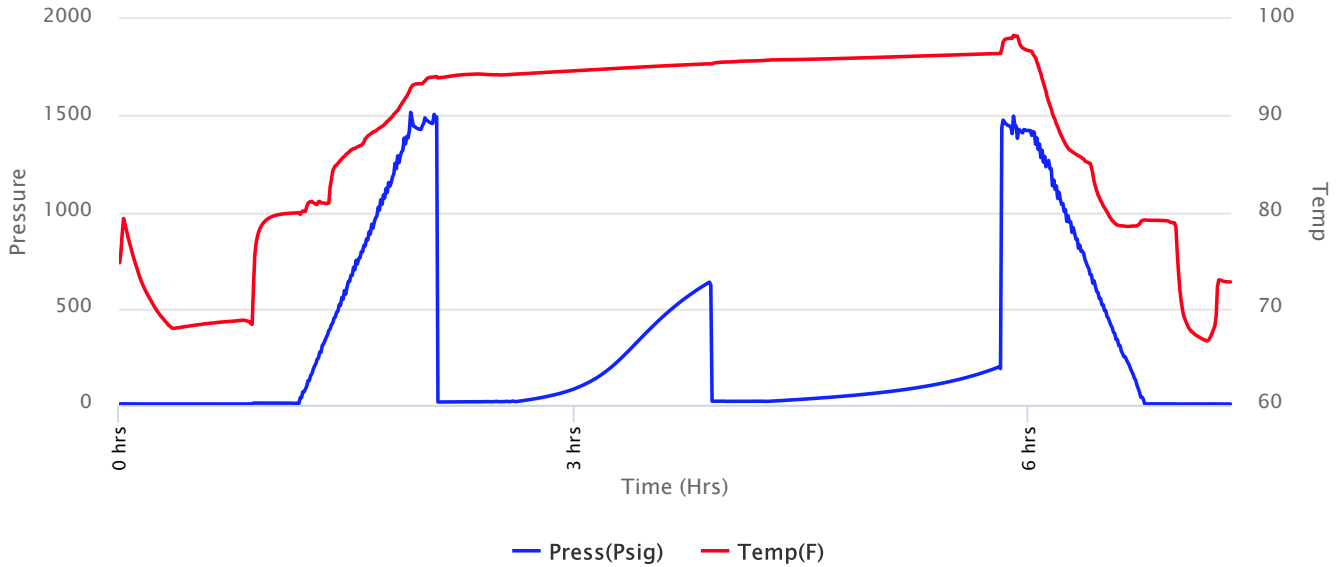
1st Open
Minutes: 30
Current Reading: .3" at 30 min
Max Reading: .3"

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

2nd Open
Minutes: 20
Current Reading: 0" at 20 min
Max Reading: 0"

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

Inside Recorder





Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
County: ROOKS
State: Kansas
Drilling Contractor: L. D. Drilling, Inc - Rig 1
Elevation: 1862 GL
Field Name: Brungardt East
Pool: Pool Ext
Job Number: 320

Operation:
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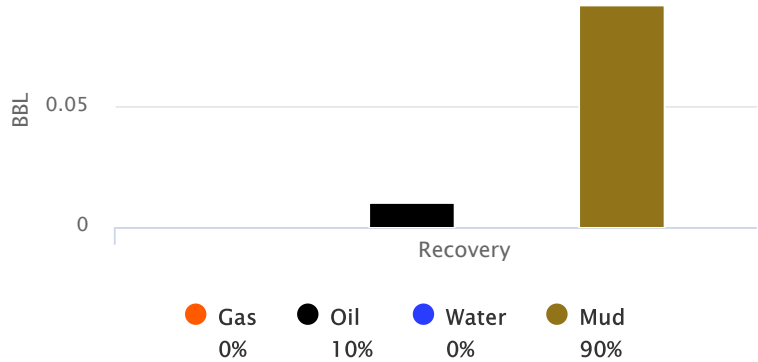
DST #2 **Formation: Toronto - LKC "A,B,C"** **Test Interval: 3025 - 3120'** **Total Depth: 3120'**
Time On: 03:54 04/10 Time Off: 11:03 04/10
Time On Bottom: 05:57 04/10 Time Off Bottom: 09:32 04/10

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
10	0.1026	SLOCM	0	10	0	90

Total Recovered: 10 ft
Total Barrels Recovered: 0.1026

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1490	PSI
Initial Flow	16 to 19	PSI
Initial Closed in Pressure	621	PSI
Final Flow Pressure	19 to 19	PSI
Final Closed in Pressure	197	PSI
Final Hydrostatic Pressure	1449	PSI
Temperature	97	°F
Pressure Change Initial Close / Final Close	68.3	%

GIP cubic foot volume: 0



Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
County: ROOKS
State: Kansas
Drilling Contractor: L. D. Drilling, Inc - Rig 1
Elevation: 1862 GL
Field Name: Brungardt East
Pool: Pool Ext
Job Number: 320

Operation:
Uploading recovery & pressures

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DST #2 **Formation: Toronto - LKC "A,B,C"** **Test Interval: 3025 - 3120'** **Total Depth: 3120'**
Time On: 03:54 04/10 Time Off: 11:03 04/10
Time On Bottom: 05:57 04/10 Time Off Bottom: 09:32 04/10

Mud Properties

Mud Type: Chem **Weight:** 9.0 **Viscosity:** 51 **Filtrate:** 7.6 **Chlorides:** 4800 ppm



Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
County: ROOKS
State: Kansas
Drilling Contractor: L. D. Drilling, Inc - Rig 1
Elevation: 1862 GL
Field Name: Brungardt East
Pool: Pool Ext
Job Number: 320

Operation:
Uploading recovery & pressures

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DST #3 **Formation: LKC "D,E,F"** **Test Interval: 3117 - 3167'** **Total Depth: 3167'**
Time On: 20:17 04/10 Time Off: 04:16 04/11
Time On Bottom: 22:44 04/10 Time Off Bottom: 02:19 04/11

Electronic Volume Estimate:
14'

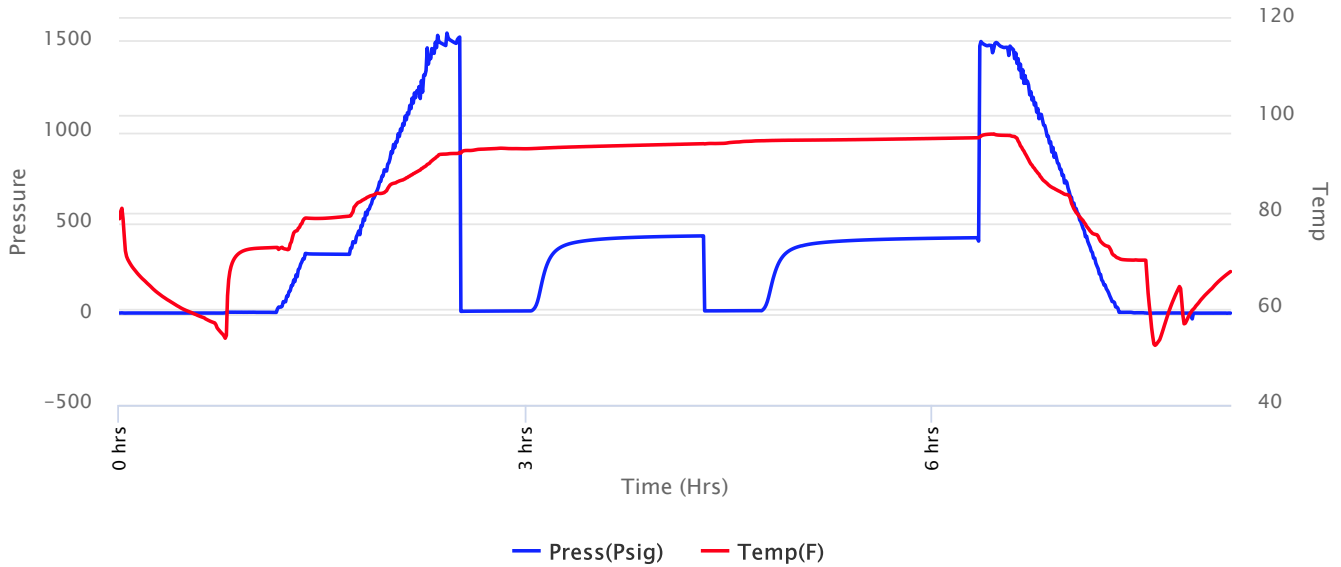
1st Open
Minutes: 30
Current Reading:
1.7" at 30 min
Max Reading: 1.7"

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

2nd Open
Minutes: 20
Current Reading:
0" at 20 min
Max Reading: 0"

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

Inside Recorder





Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
 County: ROOKS
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 1862 GL
 Field Name: Brungardt East
 Pool: Pool Ext
 Job Number: 320

Operation:
 Uploading recovery & pressures

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DST #3 **Formation: LKC "D,E,F"** **Test Interval: 3117 - 3167'** **Total Depth: 3167'**
 Time On: 20:17 04/10 Time Off: 04:16 04/11
 Time On Bottom: 22:44 04/10 Time Off Bottom: 02:19 04/11

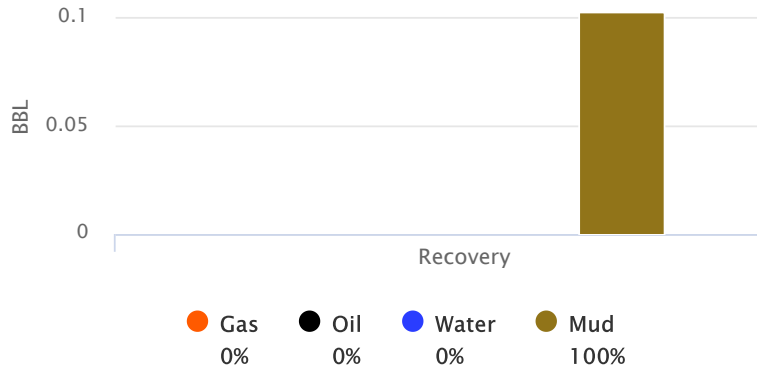
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
10	0.1026	M	0	0	0	100

Total Recovered: 10 ft
 Total Barrels Recovered: 0.1026

Reversed Out
NO

Initial Hydrostatic Pressure	1496	PSI
Initial Flow	14 to 17	PSI
Initial Closed in Pressure	429	PSI
Final Flow Pressure	17 to 18	PSI
Final Closed in Pressure	419	PSI
Final Hydrostatic Pressure	1474	PSI
Temperature	96	°F
Pressure Change Initial Close / Final Close	2.4	%

Recovery at a glance



GIP cubic foot volume: 0



Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
 County: ROOKS
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 1862 GL
 Field Name: Brungardt East
 Pool: Pool Ext
 Job Number: 320

Operation:
 Uploading recovery & pressures

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DST #3 **Formation: LKC "D,E,F"** **Test Interval: 3117 - 3167'** **Total Depth: 3167'**
 Time On: 20:17 04/10 Time Off: 04:16 04/11
 Time On Bottom: 22:44 04/10 Time Off Bottom: 02:19 04/11

Down Hole Makeup

Heads Up: 32.85 FT	Packer 1: 3111.51 FT
Drill Pipe: 3121.62 FT <i>ID-3 1/4</i>	Packer 2: 3116.51 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3100.93 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3120 FT
Test Tool: 28.74 FT <i>ID-3 1/2-FH</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 50.49	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 13 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 31.49 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 3 FT <i>4 1/2-FH</i>	



Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
County: ROOKS
State: Kansas
Drilling Contractor: L. D. Drilling, Inc -
Rig 1
Elevation: 1862 GL
Field Name: Brungardt East
Pool: Pool Ext
Job Number: 320

Operation:
Uploading recovery &
pressures

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DST #4	Formation: LKC "H,I,J,K,L"	Test Interval: 3195 - 3313'	Total Depth: 3313'
	Time On: 20:17 04/11	Time Off: 04:21 04/12	
	Time On Bottom: 22:43 04/11	Time Off Bottom: 02:58 04/12	

BUCKET MEASUREMENT:

1st Open: Surface blow built to 2" over 30 min.
1st Close: No Return
2nd Open: Weak Surface blow started at 7 min. Did not build or die.
2nd Close: No Return

REMARKS:

Tool Sample: 0% Gas .1% Oil 0% Water 99.9% Mud



Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
County: ROOKS
State: Kansas
Drilling Contractor: L. D. Drilling, Inc - Rig 1
Elevation: 1862 GL
Field Name: Brungardt East
Pool: Pool Ext
Job Number: 320

Operation:
Uploading recovery & pressures

DATE
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2019

DST #5 **Formation: Cong.** **Test Interval: 3315 - 3395'** **Total Depth: 3395'**
Time On: 13:59 04/12 Time Off: 23:16 04/12
Time On Bottom: 16:23 04/12 Time Off Bottom: 20:38 04/12

Electronic Volume Estimate:
110'

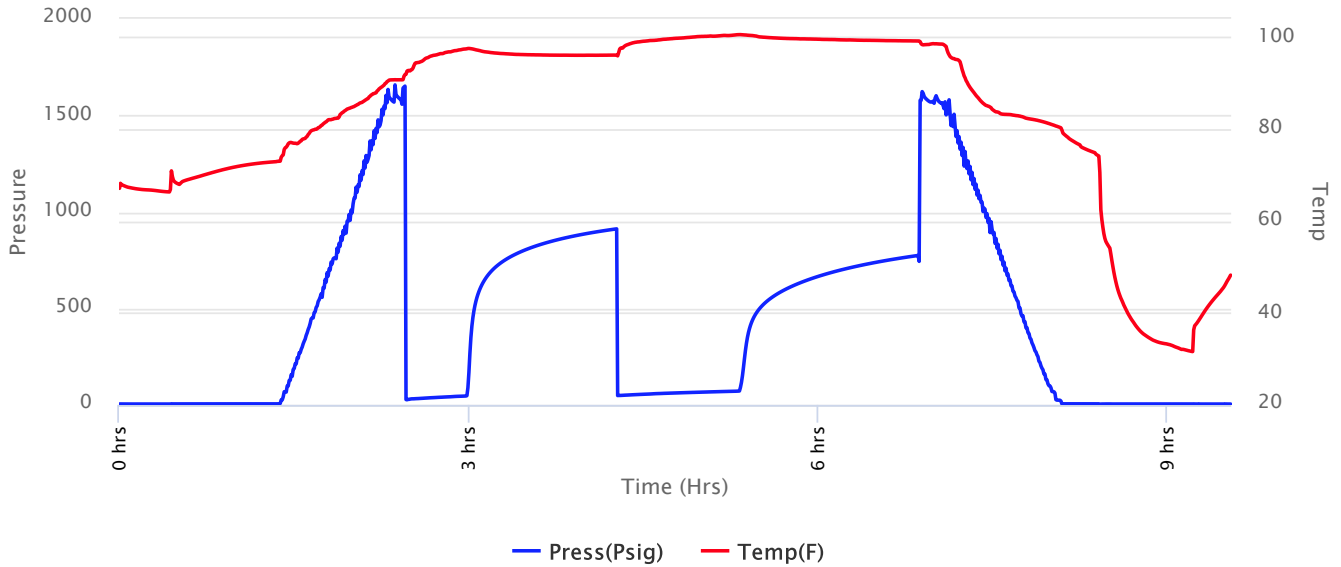
1st Open
Minutes: 30
Current Reading:
7.6" at 30 min
Max Reading: 7.6"

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

2nd Open
Minutes: 60
Current Reading:
5.1" at 60 min
Max Reading: 5.1"

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

Inside Recorder





Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
 County: ROOKS
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 1862 GL
 Field Name: Brungardt East
 Pool: Pool Ext
 Job Number: 320

Operation:
 Uploading recovery & pressures

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 2019

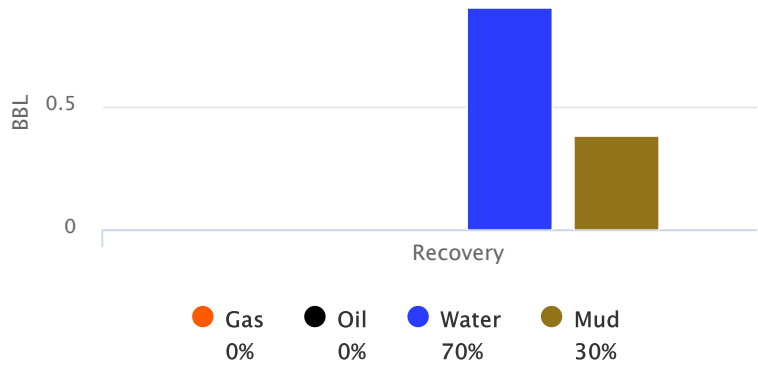
DST #5 **Formation: Cong.** **Test Interval: 3315 - 3395'** **Total Depth: 3395'**
 Time On: 13:59 04/12 Time Off: 23:16 04/12
 Time On Bottom: 16:23 04/12 Time Off Bottom: 20:38 04/12

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
63	0.64638	HMCW	0	0	65	35
63	0.64638	MCW	0	0	75	25

Total Recovered: 126 ft
 Total Barrels Recovered: 1.29276

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1606	PSI
Initial Flow	28 to 47	PSI
Initial Closed in Pressure	912	PSI
Final Flow Pressure	49 to 72	PSI
Final Closed in Pressure	774	PSI
Final Hydrostatic Pressure	1591	PSI
Temperature	101	°F
Pressure Change Initial Close / Final Close	15.0	%

GIP cubic foot volume: 0



Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
County: ROOKS
State: Kansas
Drilling Contractor: L. D. Drilling, Inc - Rig 1
Elevation: 1862 GL
Field Name: Brungardt East
Pool: Pool Ext
Job Number: 320

Operation:
Uploading recovery & pressures

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DST #5 Formation: Cong. Test Interval: 3315 - 3395' Total Depth: 3395'
Time On: 13:59 04/12 Time Off: 23:16 04/12
Time On Bottom: 16:23 04/12 Time Off Bottom: 20:38 04/12

BUCKET MEASUREMENT:

1st Open: 2 1/2" Blow built to 7 1/2" over 30 min.
1st Close: No Return
2nd Open: Weak Surface Blow built to 5" over 60 min.
2nd Close: No Return

REMARKS:

Chased tool approx. 8 feet to bottom.
Tool Sample: 0% Gas 0% Oil 85% Water 15% Mud
Ph: 6
Measured RW: .28 @ 40 degrees °F
RW at Formation Temp: 0.122 @ 101 °F
Chlorides: 43,000 ppm



Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
County: ROOKS
State: Kansas
Drilling Contractor: L. D. Drilling, Inc - Rig 1
Elevation: 1862 GL
Field Name: Brungardt East
Pool: Pool Ext
Job Number: 320

Operation:
Uploading recovery & pressures

DATE
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2019

DST #5 **Formation: Cong.** **Test Interval: 3315 - 3395'** **Total Depth: 3395'**
Time On: 13:59 04/12 Time Off: 23:16 04/12
Time On Bottom: 16:23 04/12 Time Off Bottom: 20:38 04/12

Down Hole Makeup

Heads Up: 21.19 FT	Packer 1: 3310.49 FT
Drill Pipe: 3308.94 FT <i>ID-3 1/4</i>	Packer 2: 3315.49 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3299.91 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3319 FT
Test Tool: 28.74 FT <i>ID-3 1/2-FH</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 79.51	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 11 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 62.51 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 3 FT <i>4 1/2-FH</i>	



Company: Trans Pacific Oil Corporation

Lease: Whisman "A" #1-31

SEC: 31 TWN: 10S RNG: 16W
County: ROOKS
State: Kansas
Drilling Contractor: L. D. Drilling, Inc -
Rig 1
Elevation: 1862 GL
Field Name: Brungardt East
Pool: Pool Ext
Job Number: 320

Operation:
Uploading recovery &
pressures

DATE
April
12
2019

DST #5 **Formation: Cong.** **Test Interval: 3315 - 3395'** **Total Depth: 3395'**
Time On: 13:59 04/12 Time Off: 23:16 04/12
Time On Bottom: 16:23 04/12 Time Off Bottom: 20:38 04/12

Mud Properties

Mud Type: Chem **Weight:** 9.2 **Viscosity:** 60 **Filtrate:** 8.0 **Chlorides:** 4800 ppm



Whisman A 1-31

Daily Report

API: 15-163-24387

STR: 31-10S-16W

County: Rooks

KB: 1863

Location: 330 FSL 2180 FWL

State: KS

Zone	Sample Top	Log Top	Structural Position	Comments
Anhydrite	1067 (796)	1065 (798)	+2	
Base Anhydrite	1101 (762)	1100 (763)	+2	
Topeka	2800 (-937)	2802 (-939)	-2	
Heebner	3031 (-1168)	3034 (-1171)	-2	
Lansing	3074 (-1211)	3076 (-1213)	-2	
Base Kansas City	3320 (-1457)	3317 (-1454)	-2	
Conglomerate	3360 (-1497)	3363 (-1500)	-4	
Arbuckle	3495 (-1632)	3493 (-1630)	+1	

TRANS PACIFIC OIL



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

Well Name: Whisman A #1-31
API: 15-163-24387
Location: SW 1/4, Section 31-T10S-R16W
License Number: 9408
Spud Date: 4/5/2019
Surface Coordinates: 330' FSL & 2180' FWL
Region: Rooks County, KS.
Drilling Completed: 4/13/2019

Bottom Hole
Coordinates:
Ground Elevation (ft): 1858' K.B. Elevation (ft): 1863'
Logged Interval (ft): 2700' To: TD Total Depth (ft): 3550'
Formation: ARBUCKLE
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

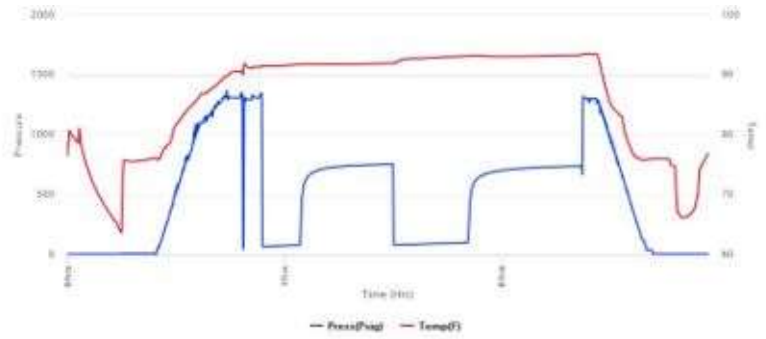
Name: Nick Hixon
Company: Trans Pacific Oil Corporation
Address: 100 S. Main St. Suite #200
Wichita, KS. 67202

Comments

The Anhydrite tops were structurally higher than the reference well but the Anhydrite to Heebner/Lansing interval failed to thin as the seismic data had indicated, resulting in Heebner and Lansing tops lower than other Lansing and Conglomerate producers in the area. Several shows of oil and stain were seen in the Upper Topeka, throughout the Lansing-Kansas City group and the Conglomerate Chert. The Conglomerate chert was well developed at this location. All shows were evaluated by DST with negative results each time. The Arbuckle had one piece with stain but was not tested. Due to poor structural position, negative DST results and electric log examination, it was decided to plug and abandon the Whisman A #1-31 on April 13, 2019.

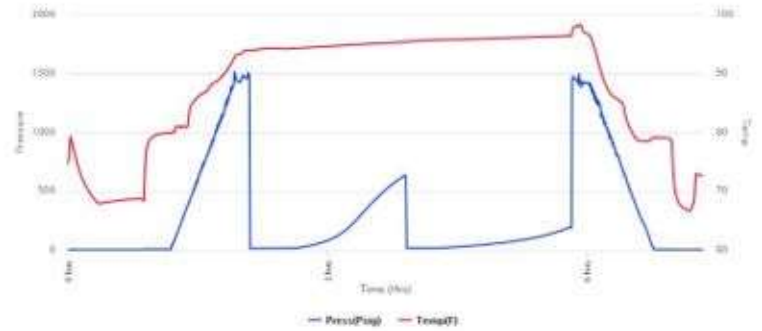
DST #1

UPPER TOPEKA
2807'-2875'
30-75-60-90
IF: 1.75" BLOW BUILT TO 5.75" IN 30 MIN.
IS: NO RETURN.
FF: SURFACE BLOW BUILT TO 5.75" IN 60 MIN.
FS: NO RETURN.
RECOVERED: 55' MUD W/ TRACE OIL, 63' MUD, 63'
HWCM (42%/W)
181' TOTAL FLUID
HP: 1308-1305 PSI
IF: 70-81 PSI
FF: 82-100 PSI
SIP: 756-741 PSI



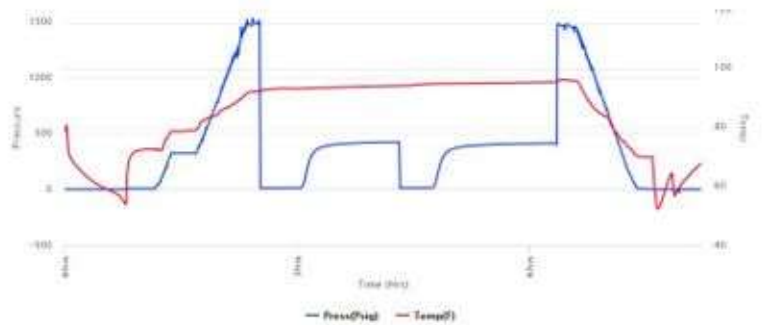
DST #2

TORONTO, LANSINGA-C
3025'-3120'
30-75-20-90
IF: SURFACE BLOW BUILT TO 0.25" IN 30 MIN.
IS: NO RETURN.
FF: NO BLOW.
FS: NO RETURN.
RECOVERED: 10' SLI OCM
HP: 1490-1449 PSI
IF: 16-19 PSI
FF: 19-19 PSI
SIP: 621-197 PSI



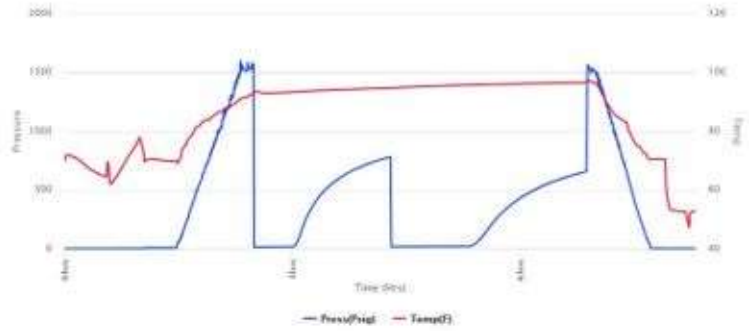
DST #3

LANSING D-F
3117'-3167'
30-75-20-90
IF: WEAK SURFACE BLOW BUILT TO 1.75" IN 30 MIN.
IS: NO RETURN.
FF: NO BLOW.
FS: NO RETURN.
RECOVERED: 10' MUD
HP: 1496-1474 PSI
IF: 14-17 PSI
FF: 17-18 PSI
SIP: 429-419 PSI



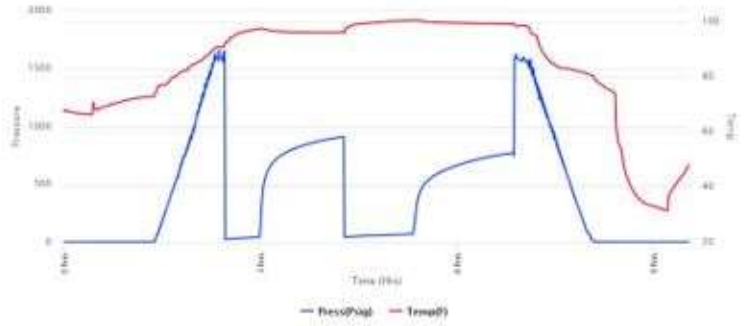
DST #4

LANSING H-L
 3195'-3313'
 30-75-60-90
 IF: SURFACE BLOW BUILT TO 2" IN 30 MIN.
 IS: NO RETURN.
 FF: WEAK SURFACE BLOW.
 FS: NO RETURN.
 RECOVERED: 28' MUD
 HP: 1542-1536 PSI
 IF: 16-19 PSI
 FF: 20-23 PSI
 SIP: 780-658 PSI



DST #5

CONGLOMERATE
 3315'-3395'
 30-75-60-90
 IF: 2.5" BLOW BUILT TO 7.5" IN 30 MIN.
 IS: NO RETURN.
 FF: WEAK SURFACE BLOW BUILT TO 5" IN 60 MIN.
 FS: NO RETURN.
 RECOVERED: 63' HMCW (65%W), 63' MCW (75%W)
 HP: 1606-1591 PSI
 IF: 28-47 PSI
 FF: 49-72 PSI
 SIP: 912-774 PSI



ROCK TYPES

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

ACCESSORIES

MINERAL		Gyp	FOSSIL		Ostra		Sltstrg
	Anhy		Hvymin		Pelec		Ssstrg
	Arggrn		Kaol		Pellet	TEXTURE	
	Arg		Marl		Pisolite		Boundst
	Bent		Minxl		Plant		Chalky
	Bit		Nodule		Strom		Cryxln
	Brecfrag		Phos	STRINGER			Earthy
	Calc		Pyr		Anhy		Finexln
	Carb		Salt		Arg		Grainst
	Chtdk		Sandy		Bent		Lithogr
	Chtlt		Silt		Coal		Microxln
	Dol		Sil		Dol		Mudst
	Feldspar		Sulphur		Gyp		Packst
	Ferrpel		Tuff		Ls		Wackst
	Ferr				Mrst		
	Glau						

ABUNDANT GRY, GUMMYSH.

TOPEKA 2800' (-937')

ELOG 2802' (-939')

LS: TAN - CRM - GRY, F XLN, DSE, FOSS, POOR INT XLN POR, 2-3 PCS W/ SPOTTY BRN STN, NSFO, NO ODOR.

LS: TAN - CRM - GRY, POOR INT XLN POR, MANY PCS W/ SPOTTY BRN STN, NO ODOR.

LS: MOST GRY, SME CRM, F XLN, DSE, POOR PPT POR, FEW PCS W/ SPOTTY BRN STN, NSFO.

LS: TAN - GRY, F XLN, DSE, POOR PPT POR IN PT, MANY PCS W/ FR INT XLN & VUGGY POR, V CHLKY, SPOTTY BRN STN THRUOUT, SSFO ON BRK, FAINT ODOR.

LS: GRY - CRM, F XLN, DSE, POOR PPT POR, RARE SPOTTY BRN STN IN PT, NSFO, NO ODOR.

LS: GRY - CRM, F XLN, DSE, POOR POR, FEW PCS WITH SPOTTY BRN STN, NSFO.

LS: GRY - CRM, F XLN, DSE, POOR PPT POR, 2-3 PCS W/ SPOTTY BRN STN, NSFO, NO ODOR.

JUNK SAMPLE: LS: GRY - CRM - TAN, POOR PPT & INT XLN POR, NS. SH: GRY - BLK - RED.

LS: TAN - CRM, F XLN, DSE, POOR INT XLN POR, FOSS, SLI CHLKY IN PT, NSFO, NO ODOR. SH: GRY, SFT - FIRM.

LS: TAN - CRM - GRY, F XLN, DSE, POOR INT XLN POR, MOTT IN PT, CHLKY IN PT, 5-6 PCS W/ DEAD OIL STN, NSFO.

LS: AA. 2 PCS W/ DEAD OIL STN, NSFO, NO ODOR. FEW PCS OF PYR IN PT.

LS: TAN - CRM - GRY, F XLN, DSE, PR - FR INT XLN POR, FOSS, 5-6 PCS W/ DEAD BRN SPOTTY STN, NSFO.

LS: OFF WHT - TAN, F XLN, V DSE, POOR PPT POR, NSFO, NO ODOR.

LS: AA, SUB CHLKY IN PT.

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

SH: BLK - RED - GRY.

LS: WHT - TAN - GRY, F XLN, DSE, POOR PPT POR, 2-3 PCS W DEAD BLK OIL STN, NSFO, NO ODOR.

LS: WHT - TAN - GRY, F XLN, DSE, POOR PPT POR, FEW SMALL VUGS, 2-3 PCS W/ VSFO ON BRK, SME PPT STN IN PT, NO ODOR.

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

LS: TAN - GRY, POOR PPT POR, 2-3 PCS W/ SMALL VUGS W/ VSFO ON BRK, FAINT

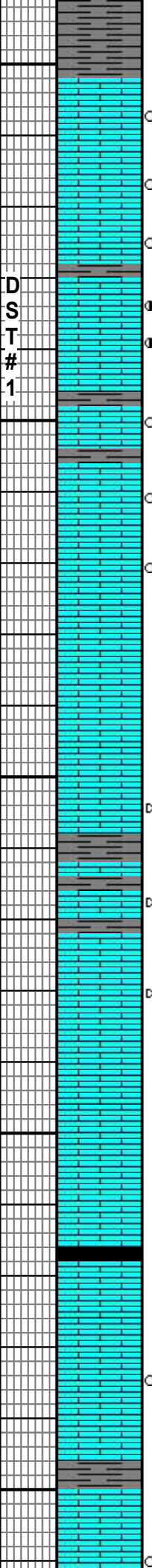
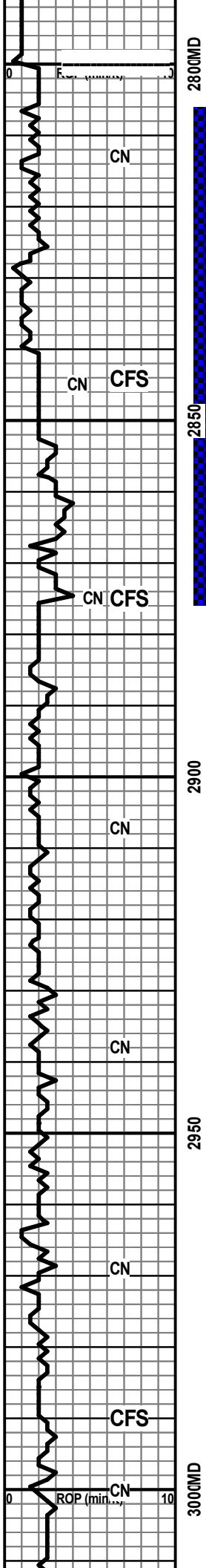
PIPE STRAP 0.17 SHORT

SH SURVEY: 1.25 DEGREES

MUD PROP. @
2875'
WT: 9.0
VIS: 51
WL: 7.6
CC: 4800
LCM: 2#

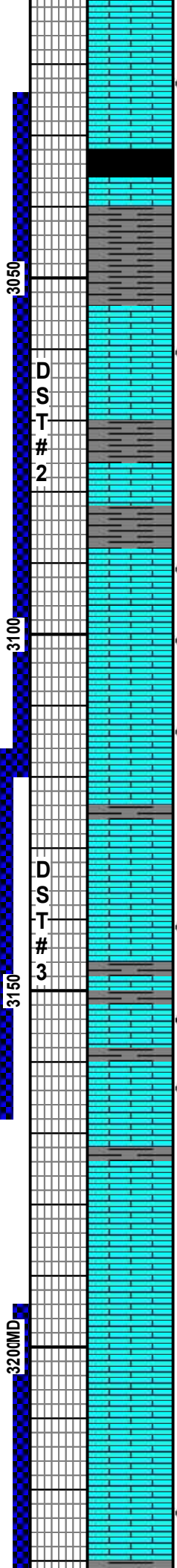
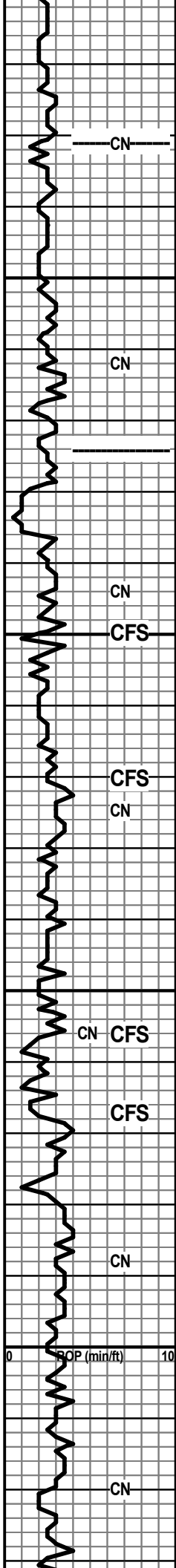
WT: 9.0
VIS: 50
LCM: 2#

WT: 9.1
VIS: 51
LCM: 2#



D
S
T

1



SMALL VUGS W/ VSSFO ON BRK, V FAINT ODOR.

LS: TAN - GRY, F XLN, DSE, POOR PPT POR, FEW VUGS, 5-6 PCS W/ SPOTTY STN & VSSFO, FAINT ODOR.

HEEBNER 3031' (-1168')
ELOG 3034' (-1171')
 SH: BLK, CARB.

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

LS: TAN - GRY, F XLN, DSE, POOR PPT POR, FEW PCS W/ DEAD STN, NSFO, NO ODOR.

LS: GRY - CRM, F XLN, DSE, POOR PPT POR, SPOTTY BRN STN IN PT, VSSFO ON BRK, NO ODOR.

LS: AA. SH: GRY, GUMMY.

LANSING 3074' (-1211')
ELOG 3076' (-1213')

LS: GRY, F XLN, DSE, POOR PPT POR, NSFO, NO ODOR.
 ABUNDANT GRY & RED GUMMY CLAY.

LS: TAN - GRY, F XLN, DSE, POOR PPT POR, FEW SMALL VUGS, BRN SPOTTY STN THRUOUT, NSFO, NO ODOR.

LS: TAN - GRY, POOR PPT POR, 2-3 PCS W/ SPOTTY BRN STN.
 RED & GRY GUMMYSH.

LS: TAN - GRY - BRN, F XLN, DSE, POOR PPT & INT XLN POR, 6-7 PCS W/ BRN STN & VSSFO ON BRK, 2 PCS W/ POOR OOM POR.

LS: TAN - GRY - BRN, POOR POR, NSFO.
 SH: GRY - RED.

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

LS: OFF WHT - TAN - GRY, F XLN, DSE, POOR PPT POR W/ FEW SMALL VUGS, VSSFO ON BRK, SPOTTY BRN STN IN PT, POOR ODOR. SH: GRY.

LS: OFF WHT - TAN, F XLN, DSE, PR - FR VUGGY POR W/ FR SFO & BRN STN, SME PCS W/ SAT STN, FR ODOR.

LS: OFF WHT - TAN, POOR VUGGY POR, SPOTTY BRN STN & SSFO ON BRK, FAINT ODOR.

JUNK SAMPLE: LS: OFF WHT - TAN - GRY, POOR POR, NSFO.

LS: OFF WHT, F XLN, DSE, POOR OOM POR, FEW PCS W/ DEAD BLK STN, NSFO, NO ODOR.

LS: OFF WHT - LT GRY, F XLN, DSE, POOR INT XLN POR, NSFO, NO ODOR.

LS: OFF WHT - SME GRY, F XLN, DSE, POOR PPT POR, NSFO, NO ODOR.

LS: OFF WHT - GRY, F XLN, DSE, POOR POR, PRY IN PT, NSFO.

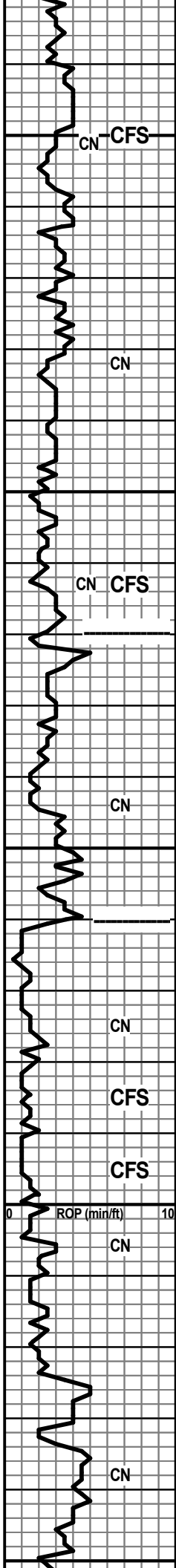
LS: OFF WHT - GRY, F XLN, DSE, POOR PPT POR, 2-3 PCS RARE SPOTTY BRN STN, NSFO, NO ODOR.

SH SURVEY: 1.25 DEGREES

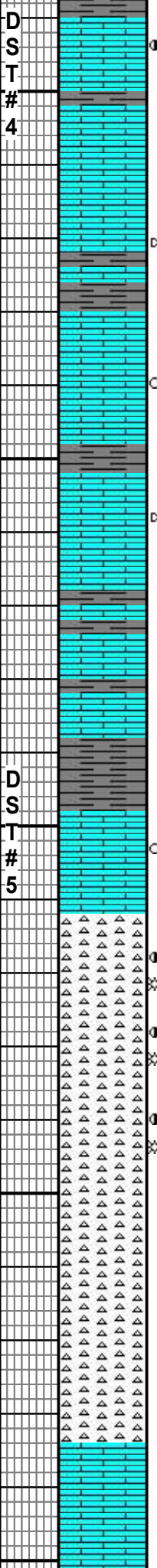
MUD PROP. @
 3120'
 WT: 9.1
 VS: 50
 WL: 7.8
 CC: 4900
 LCM: 2#

JET #1 PIT @3120'
 ADD MUD

MUD PROP. @
 3167'
 WT: 9.1
 VS: 51
 WL: 6.8
 CC: 4800
 LCM: 1#



3250
 3300
 3350
 3400MD
 4450



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

LS: OFF WHT - GRY, F XLN, DSE, POOR PPT POR, 5-6 PCS W/ BLK STN, VSSFO ON BRK, NO ODOR.

LS: OFF WHT - GRY, F XLN, POOR POR, NSFO, NO ODOR. SH: GRY, GUMMY.

LS: OFF WHT - GRY, F XLN, POOR PPT POR, NSFO, NO ODOR.

LS: GRY, F XLN, DSE, IMBD PYR IN PT, POOR PPT POR, 3 PCS W/ DEAD OIL STN, NSFO, NO ODOR.

ABUNDANT GRY GUMMYSH.

LS: OFF WHT - TAN, F XLN, DSE, POOR PPT POR W/ FEW SMALL VUGS, 2-3 PCS W/ SPOTTY BRN STN, NSFO, NO ODOR.

GRY GUMMYSH.

LS: OFF WHT - GRY, F XLN, DSE, SUB CHLKY IN PT, POOR PPT POR, FEW PCS DEAD OIL STN, NSFO, NO ODOR.

BKC 3320' (-1457')
ELOG 3317' (-1454')

LS: OFF WHT - GRY, F XLN, DSE, POOR POR, NSFO, NO ODOR.

SH: GRY - BLK - RED.

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

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

LS: OFF WHT - GRY, F XLN, DSE, POOR PPT & VUGGY POR, POOR SPOTTY STN IN PT, NSFO. ABUNDANT SH: GRY - RED - BLK.

CONG. 3360' (-1497')
ELOG 3363' (-1500')

CHRT: WHT - ORG, FRESH, SME SMALL FRAC POR, V POOR BLK SPOTTY STN, FEW PCS SD: LT GRY, VF GRN, TITE, VSSFO ON BRK, NO ODOR.

CHRT: MORE ORG, WHT, FRESH, POOR FRAC POR, SPOTTY BLK STN IN PT, V FEW GAS BUB, WSSFO.

CHRT: ORG - WHT, FRESH, POOR POR, BLK OIL STN IN PT, V FEW GAS BUB, NO ODOR.

CHRT: ORG - WHT, FRESH, PR FRAC POR, POOR BLK SPOTTY STN, NSFO, NO ODOR.

CHRT: AA.

CHRT: ORG - WHT, FRESH, RARE SPOTTY BLK STN, NSFO, NO ODOR.

CHRT: OFF WHT - ORG, FRESH, NSFO, NO ODOR. SH: GRY - BRN.

LS: LT GRY, F XLN, DSE, PR PPT POR, NSFO, NO ODOR. SH: GRY - BRN.

LS: LT GRY, F XLN, DSE, POOR POR, NSFO,

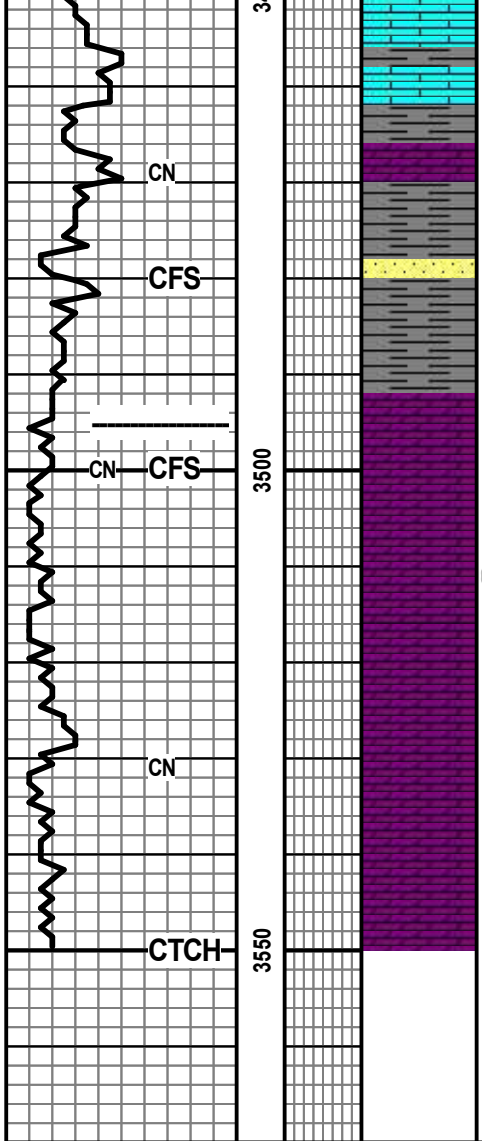
WT: 9.1
 VIS: 47
 LCM: 1#

SH SURVEY: 2 DEGREES

MUD PROP.
 @3313'
 WT: 9.2
 VIS: 60+
 WL: 8.0
 CC: 4800
 LCM: 1#

JET & ADD PREMIX

WT: 9.1
 VIS: 50
 LCM: 1.5#



NO ODOR. SH IN PT: GRY - BRN.

LS: LT GRY, F XLN, DSE, NSFO. SH: GRY - BLK - YEL - RED.

DOLO: BRN - YEL, F XLN, DSE, SUCR, PR - FR VUGGY POR, NSFO, NO ODOR.

SH: GRY - YEL - TEAL - RED.

SS: GRY, VF GRN, PR SORT, SH MATRIX, SEMI FRI, LOOSE GRNS IN BOT, NSFO, NO ODOR. ABUNDANT SH: GRY - BLK - RED.

SH: GRY - BLK - RED - TEAL.

ARBUCKLE 3495' (-1632')
ELOG 3493' (-1630')

DOLO: GRY, F XLN, SUCR, DSE, POOR VUGGY POR, SNDY IN PT, CHLKY IN PT, NSFO, NO ODOR.

DOLO: AA. 1 PC W/ DEAD BLK SPOTTY STN.

DOLO: LT GRY, F XLN, DSE, SUCR, SNDY IN PT, PR - FR VUGGY POR, NSFO.

DOLO: AA.

DOLO: LT GRY, F XLN, DSE, SNDY, FR VUGGY POR, NSFO.

RTD 3550' LTD 3549'

MUD PROP.
 @3489'
 WT: 9.3
 VIS: 52
 WL: 7.8
 CC: 4900
 LCM: 3#

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1250

Date	4-5-19	Sec.	31	Twp.	10	Range	16	County	ROCKS KS	State		On Location		Finish	11:30 AM		
Lease								Whisman A		Well No.		1-31					
Contractor								L.D.		Owner		J.V. Pinto					
Type Job								Surface		To Quality Oilwell Cementing, Inc.		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Hole Size								12 1/4		Charge To		Trans Pacific Oil Corp.					
Csg.								8 5/8		T.D.		222					
Tbg. Size										Depth		219					
Tool										Street							
Cement Left in Csg.								10		City		State					
Meas Line										Depth		The above was done to satisfaction and supervision of owner agent or contractor.					
Displace								13 BL		Cement Amount Ordered		150 3/20 3/11 2/01					
EQUIPMENT																	
Pumptrk								17		No. Cementer		Common				120	
Bulktrk								9		No. Helper		Poz. Mix				30	
Bulktrk								9		No. Driver		Gel.				3	
Bulktrk								9		No. Driver		Calcium				7	
JOB SERVICES & REMARKS																	
Remarks:								Hulls									
Rat Hole								Salt									
Mouse Hole								Flowseal									
Centralizers								Kol-Seal									
Baskets								Mud CLR 48									
D/V or Port Collar								CFL-117 or CD110 CAF 38									
8 5/8 on bottom Best Condition								Sand									
Mix 15000 + Displace								Handling								160	
Cement Circulates								Mileage									
FLOAT EQUIPMENT																	
Thanks								Guide Shoe								10# Sugar	
								Centralizer									
								Baskets									
								AFU Inserts									
								Float Shoe									
								Latch Down									
								Pumptrk Charge								Surface	
								Mileage								29	
Tax																	
Discount																	
Total Charge																	
X Signature																	

