

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	Hartman Oil Co., Inc.
Well Name	HADLEY 1 TWIN
Doc ID	1423141

Tops

Name	Top	Datum
Anhydrite	1548	+543
B/Anhydrite	1588	+503
Topeka	2310	-1029
Heebner	3326	-1235
Toronto	3348	-1257
Lansing	3366	-1275
Muncie Creek	3492	-1401
B/KC	3596	-1505
Arbuckle	3659	-1568
RTD	3760	-1669
LTD	3756	-1665



Company: Hartman Oil Company, Inc.
Lease: Hadley #1 Twin

SEC: 3 TWN: 11S RNG: 21W
 County: TREGO
 State: Kansas
 Drilling Contractor: H2 Drilling, LLC
 Rig #4
 Elevation: 2081 EGL
 Field Name: Trico
 Pool: Pool Ext
 Job Number: 212

Operation:
 Test Complete

DATE
 September
04
 2018

DST #1 **Formation: L/KC "E&F"** **Test Interval: 3433 - 3465'** **Total Depth: 3465'**
 Time On: 06:17 09/04 Time Off: 16:44 09/04
 Time On Bottom: 10:42 09/04 Time Off Bottom: 13:27 09/04

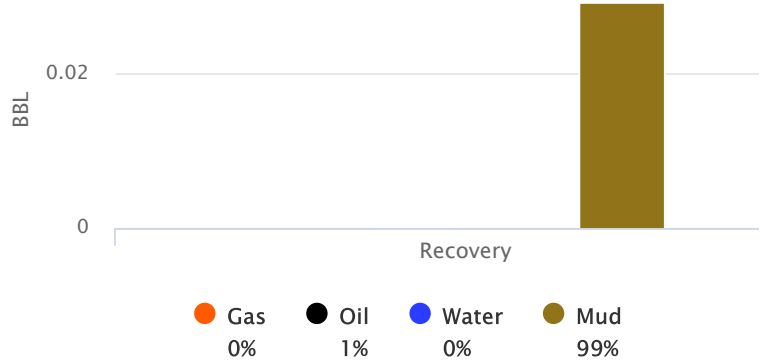
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
6	0.02952	SLOCM	0	1	0	99

Total Recovered: 6 ft
 Total Barrels Recovered: 0.02952

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1575	PSI
Initial Flow	15 to 24	PSI
Initial Closed in Pressure	308	PSI
Final Flow Pressure	31 to 29	PSI
Final Closed in Pressure	277	PSI
Final Hydrostatic Pressure	1574	PSI
Temperature	116	°F
Pressure Change Initial Close / Final Close	10.1	%



**Company: Hartman Oil
Company, Inc.**

Lease: Hadley #1 Twin

SEC: 3 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: H2 Drilling, LLC
Rig #4
Elevation: 2081 EGL
Field Name: Trico
Pool: Pool Ext
Job Number: 212

Operation:
Test Complete

DATE
September
04
2018

DST #1	Formation: L/KC "E&F"	Test Interval: 3433 - 3465'	Total Depth: 3465'
	Time On: 06:17 09/04	Time Off: 16:44 09/04	
	Time On Bottom: 10:42 09/04	Time Off Bottom: 13:27 09/04	

BUCKET MEASUREMENT:

1st Open: Weak, surface blow building to 1 1/4 in. in 45 mins.

1st Close: No blow back.

2nd Open: No blow.

2nd Close: No blow back.

REMARKS:

Tool Sample: 0% Gas 2% Oil 0% Water 98% Mud



**Company: Hartman Oil
Company, Inc.
Lease: Hadley #1 Twin**

SEC: 3 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: H2 Drilling, LLC
Rig #4
Elevation: 2081 EGL
Field Name: Trico
Pool: Pool Ext
Job Number: 212

Operation:
Uploading recovery &
pressures

DATE
September
05
2018

DST #2 Formation: Arbuckle Test Interval: 3664 - 3674' Total Depth: 3674'
Time On: 19:51 09/05 Time Off: 06:06 09/06
Time On Bottom: 23:47 09/05 Time Off Bottom: 02:47 09/06

Electronic Volume
Estimate:
19'

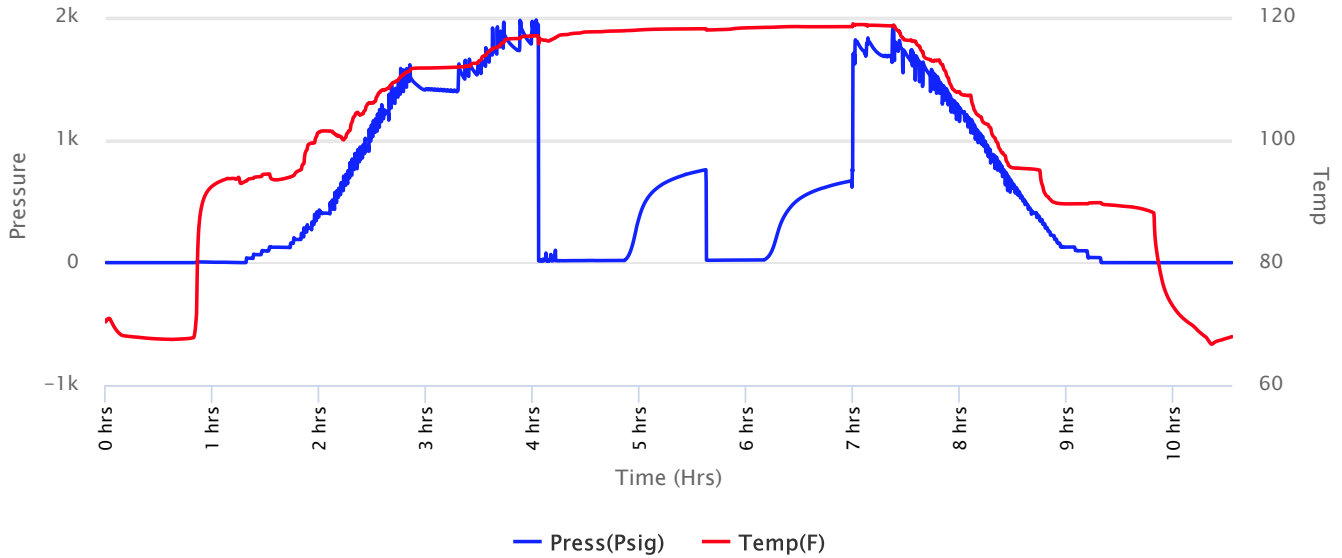
1st Open
Minutes: 45
Current Reading:
.25" at 45 min
Max Reading: .7"

1st Close
Minutes: 45
Current Reading:
0" at 45 min
Max Reading: 0"

2nd Open
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

2nd Close
Minutes: 45
Current Reading:
0" at 45 min
Max Reading: 0"

Inside Recorder





**Company: Hartman Oil
Company, Inc.
Lease: Hadley #1 Twin**

SEC: 3 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: H2 Drilling, LLC
Rig #4
Elevation: 2081 EGL
Field Name: Trico
Pool: Pool Ext
Job Number: 212

Operation:
Uploading recovery &
pressures

DATE
September
05
2018

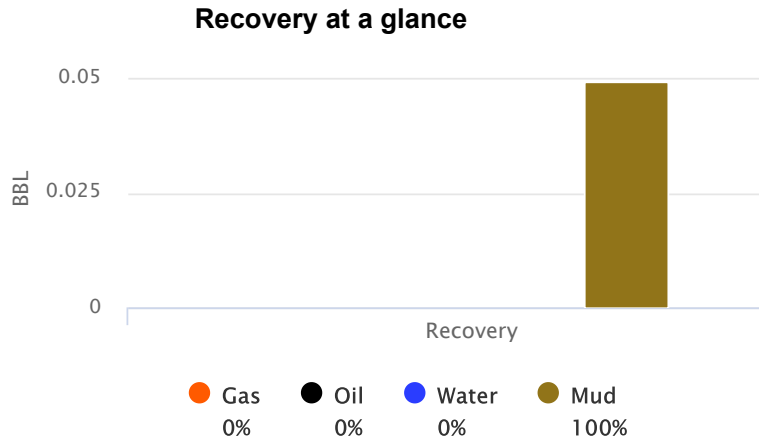
DST #2 Formation: Arbuckle Test Interval: 3664 - 3674' Total Depth: 3674'
Time On: 19:51 09/05 Time Off: 06:06 09/06
Time On Bottom: 23:47 09/05 Time Off Bottom: 02:47 09/06

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
10	0.0492	M	0	0	0	100

Total Recovered: 10 ft
Total Barrels Recovered: 0.0492

Reversed Out
NO

Initial Hydrostatic Pressure	1735	PSI
Initial Flow	15 to 18	PSI
Initial Closed in Pressure	761	PSI
Final Flow Pressure	21 to 22	PSI
Final Closed in Pressure	669	PSI
Final Hydrostatic Pressure	1735	PSI
Temperature	119	°F
Pressure Change Initial Close / Final Close	12.1	%





**Company: Hartman Oil
Company, Inc.**

Lease: Hadley #1 Twin

SEC: 3 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: H2 Drilling, LLC
Rig #4
Elevation: 2081 EGL
Field Name: Trico
Pool: Pool Ext
Job Number: 212

Operation:
Uploading recovery &
pressures

DATE
September
05
2018

DST #2 Formation: Arbuckle Test Interval: 3664 - Total Depth: 3674'
3674'
Time On: 19:51 09/05 Time Off: 06:06 09/06
Time On Bottom: 23:47 09/05 Time Off Bottom: 02:47 09/06

BUCKET MEASUREMENT:

1st Open: WSB. Built to 3/4 inch in 45 mins
1st Close: NOBB
2nd Open: No Blow
2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 0% Oil 3% Water 97% Mud



**Company: Hartman Oil
Company, Inc.**
Lease: Hadley #1 Twin

SEC: 3 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: H2 Drilling, LLC
Rig #4
Elevation: 2081 EGL
Field Name: Trico
Pool: Pool Ext
Job Number: 212

Operation:
Uploading recovery &
pressures

DATE
September
05
2018

DST #2 Formation: Arbuckle Test Interval: 3664 - 3674' Total Depth: 3674'

Time On: 19:51 09/05 Time Off: 06:06 09/06
Time On Bottom: 23:47 09/05 Time Off Bottom: 02:47 09/06

Down Hole Makeup

Heads Up: 16.94 FT	Packer 1: 3658.5 FT
Drill Pipe: 3405.49 FT <i>ID-3 1/2</i>	Packer 2: 3664 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3647.92 FT
Collars: 242.38 FT <i>ID-2 1/4</i>	Bottom Recorder: 3667 FT
Test Tool: 34.07 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 10	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 1 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/2</i>	
Change Over: 0 FT	
Perforations: (below): 8 FT <i>4 1/2-FH</i>	



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Company, Inc.**

Lease: Hadley #1 Twin

SEC: 3 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: H2 Drilling, LLC
Rig #4
Elevation: 2081 EGL
Field Name: Trico
Pool: Pool Ext
Job Number: 212

Operation:
Uploading recovery &
pressures

DATE
September
05
2018

DST #2 Formation: Arbuckle Test Interval: 3664 - Total Depth: 3674'
3674'

Time On: 19:51 09/05 Time Off: 06:06 09/06
Time On Bottom: 23:47 09/05 Time Off Bottom: 02:47 09/06

Mud Properties

Mud Type: Chem **Weight:** 9.4 **Viscosity:** 54 **Filtrate:** 8 **Chlorides:** 6600 ppm



**Company: Hartman Oil
Company, Inc.
Lease: Hadley #1 Twin**

SEC: 3 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: H2 Drilling, LLC
Rig #4
Elevation: 2081 EGL
Field Name: Trico
Pool: Pool Ext
Job Number: 212

Operation:
Uploading recovery &
pressures

DATE
September
05
2018

DST #2 Formation: Arbuckle Test Interval: 3664 - Total Depth: 3674'
3674'
Time On: 19:51 09/05 Time Off: 06:06 09/06
Time On Bottom: 23:47 09/05 Time Off Bottom: 02:47 09/06

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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**Company: Hartman Oil
Company, Inc.
Lease: Hadley #1 Twin**

SEC: 3 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: H2 Drilling, LLC
Rig #4
Elevation: 2081 EGL
Field Name: Trico
Pool: Pool Ext
Job Number: 212

Operation:
Uploading recovery &
pressures

DATE
September
07
2018

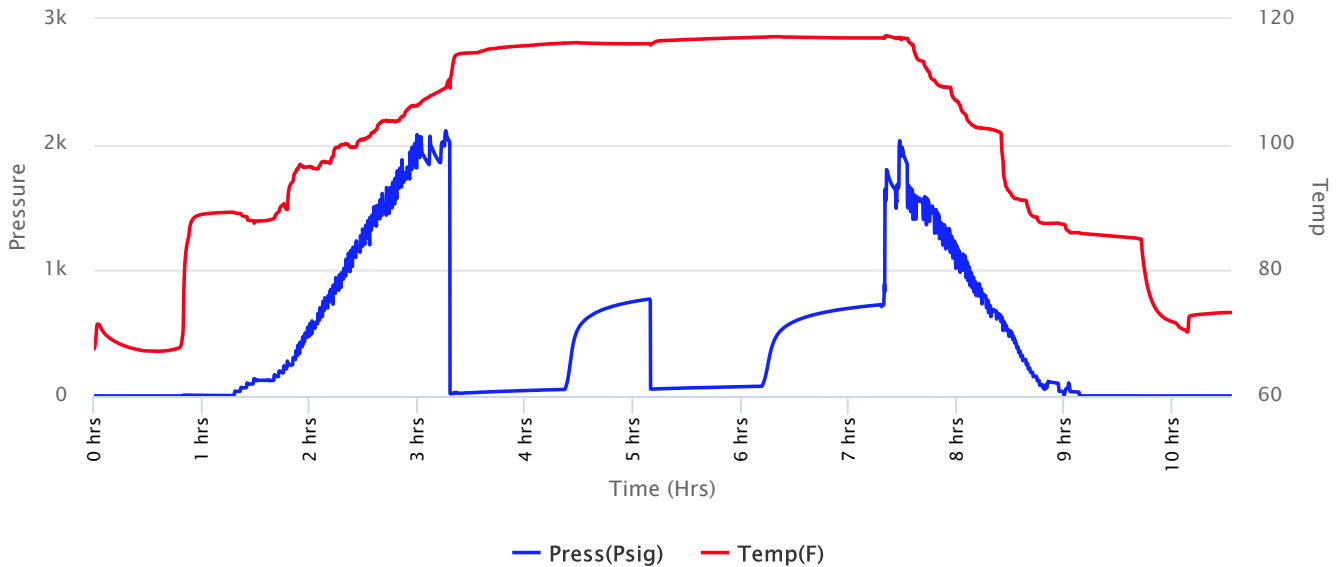
DST #3 Formation: Arbuckle Test Interval: 3674 - 3691' Total Depth: 3691'

Time On: 00:44 09/07 Time Off: 10:59 09/07
Time On Bottom: 03:57 09/07 Time Off Bottom: 07:42 09/07

Electronic Volume
Estimate:
86'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 60	Minutes: 45	Minutes: 60	Minutes: 60
Current Reading: 2.7" at 60 min	Current Reading: 0" at 45 min	Current Reading: .5" at 60 min	Current Reading: 0" at 60 min
Max Reading: 2.7"	Max Reading: 0"	Max Reading: .5"	Max Reading: 0"

Inside Recorder





**Company: Hartman Oil
Company, Inc.
Lease: Hadley #1 Twin**

SEC: 3 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: H2 Drilling, LLC
Rig #4
Elevation: 2081 EGL
Field Name: Trico
Pool: Pool Ext
Job Number: 212

Operation:
Uploading recovery &
pressures

DATE
September
07
2018

DST #3 Formation: Arbuckle Test Interval: 3674 - 3691' Total Depth: 3691'
Time On: 00:44 09/07 Time Off: 10:59 09/07
Time On Bottom: 03:57 09/07 Time Off Bottom: 07:42 09/07

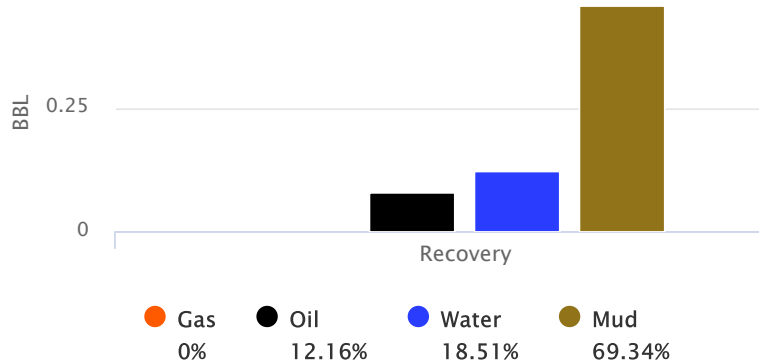
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
5	0.0246	O	0	100	0	0
67	0.32964	SLOCM	0	15	0	85
62	0.30504	SLOCHWCM	0	2	40	58

Total Recovered: 134 ft
Total Barrels Recovered: 0.65928

Reversed Out
NO

Initial Hydrostatic Pressure	1840	PSI
Initial Flow	17 to 52	PSI
Initial Closed in Pressure	772	PSI
Final Flow Pressure	56 to 79	PSI
Final Closed in Pressure	727	PSI
Final Hydrostatic Pressure	1851	PSI
Temperature	118	°F
Pressure Change Initial Close / Final Close	5.8	%

Recovery at a glance





**Company: Hartman Oil
Company, Inc.
Lease: Hadley #1 Twin**

SEC: 3 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: H2 Drilling, LLC
Rig #4
Elevation: 2081 EGL
Field Name: Trico
Pool: Pool Ext
Job Number: 212

Operation:
Uploading recovery &
pressures

DATE
September
07
2018

DST #3 Formation: Arbuckle Test Interval: 3674 - Total Depth: 3691'
3691'
Time On: 00:44 09/07 Time Off: 10:59 09/07
Time On Bottom: 03:57 09/07 Time Off Bottom: 07:42 09/07

BUCKET MEASUREMENT:

1st Open: 1/4 " Blow Blow. Built to 2 3/4 inches in 60 mins
1st Close: NOBB
2nd Open: WSB. Built to 1/2 inch in 60 mins
2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 30% Oil 0% Water 70% Mud
Gravity: 32.3 @ 60 °F
Ph: 7
Measured RW: .4 @ 64 degrees °F
RW at Formation Temp: 0.227 @ 118 °F
Chlorides: 18000 ppm



**Company: Hartman Oil
Company, Inc.
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SEC: 3 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: H2 Drilling, LLC
Rig #4
Elevation: 2081 EGL
Field Name: Trico
Pool: Pool Ext
Job Number: 212

Operation:
Uploading recovery &
pressures

DATE
September
07
2018

DST #3 Formation: Arbuckle Test Interval: 3674 - Total Depth: 3691'
3691'
Time On: 00:44 09/07 Time Off: 10:59 09/07
Time On Bottom: 03:57 09/07 Time Off Bottom: 07:42 09/07

Down Hole Makeup

Heads Up: 6.85999999999998 FT	Packer 1: 3668.5 FT
Drill Pipe: 3405.41 FT <i>ID-3 1/2</i>	Packer 2: 3674 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3657.92 FT
Collars: 242.38 FT <i>ID-2 1/4</i>	Bottom Recorder: 3676 FT
Test Tool: 34.07 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 17	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 16 FT <i>4 1/2-FH</i>	



Company: Hartman Oil Company, Inc.

Lease: Hadley #1 Twin

SEC: 3 TWN: 11S RNG: 21W
County: TREGO
State: Kansas
Drilling Contractor: H2 Drilling, LLC
Rig #4
Elevation: 2081 EGL
Field Name: Trico
Pool: Pool Ext
Job Number: 212

Operation:
Uploading recovery & pressures

DATE
September
07
2018

DST #3 Formation: Arbuckle Test Interval: 3674 - 3691' Total Depth: 3691'
Time On: 00:44 09/07 Time Off: 10:59 09/07
Time On Bottom: 03:57 09/07 Time Off Bottom: 07:42 09/07

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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KITT NOAH

PETROLEUM GEOLOGIST
Kansas License #229



GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

ELEVATION: **KB 2091**
G.L. **2080**
MEASURED FROM: **KB**

#15-195-23-069

OPERATOR: **Hartman Oil Co., Inc.**
LEASE: **Hadley Twin** WELL NO.: **#1**
LOCATION: **50°W N/2 NE SE**
SEC.: **3** TWP.: **11S** RNG.: **21W**
COUNTY: **Trego** STATE: **Kansas**

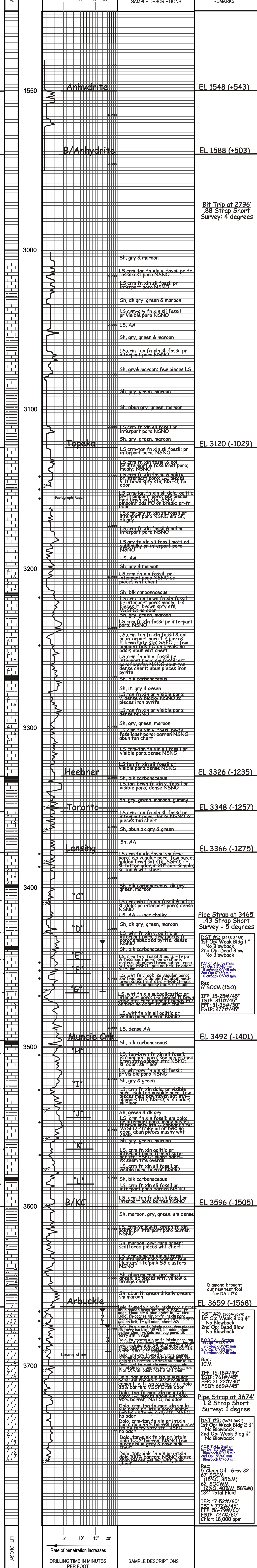
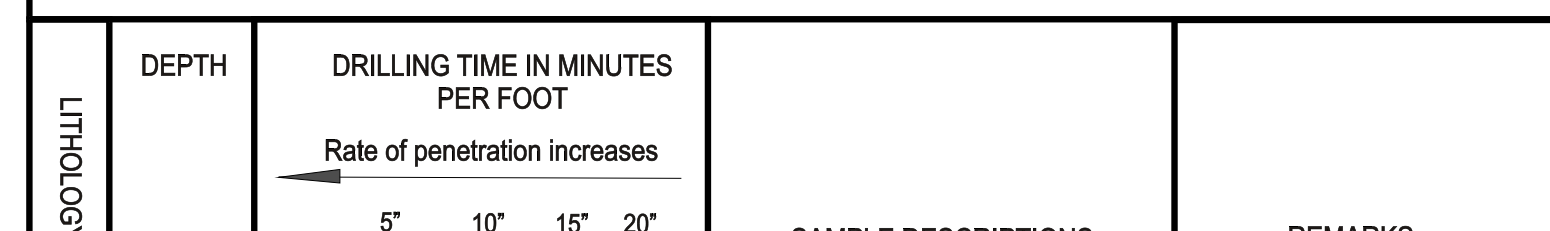
CASING RECORD:
SURFACE: **8 5/8" set at 273' w/200 sx.**
PRODUCTION: **None**
DIV. TOOL: _____

FORMATION TOP LOG
Anhydrite 1548 (+543)
B/Anhydrite 1588 (+503)
Topeka 2310 (-1029)
Heebner 3326 (-1235)
Toronto 3348 (-1257)
Lansing 3366 (-1275)
Muncie Creek 3492 (-1401)
B/KC 3596 (-1505)
Arbuckle 3659 (-1568)
RID 3760 (-1665)
LTD 3756 (-1665)

CONTRACTOR: **H2 Drilling Bldg #4**
 COMM. **8-29-2018** COMPL. **9-8-2018**
 RTD: **3760** LTD: **3756**
 SAMPLING TIME SAVED FROM: **3000 to 1D**
 DRILLING TIME SAVED FROM: **3000 to 1D**
 SAMPLES EXAMINED FROM: **3000 to 1D**
 GEO. OIGAL SUPERVISION FROM: **3000 to 1D**
 WUD UP: **2984** WUD TYPE: **chemical**
 MUDCO: **early Schmidtberger**
 DRILL STEM TESTS TAKEN: **3**
 Diamond - **Rickly Roy**

SURVEYS: **Dianear Energy Services**
Duan Induction
Microlog

LEGEND



OPERATOR: **Hartman Oil Co., Inc.** LOCATION: **50°W N/2 NE SE**
 LEASE: **Hadley Twin** WELL NO.: **#1** SEC.: **3** TWP.: **11S** RNG.: **21W**
 API: **15-195-23-069** FIELD: **Trico** COUNTY: **Trego** STATE: **Kansas**

ELEVATION: **KB 2091**



PRESSURE PUMPING LLC
PO Box 894, Chanute, KS 66720
620-431-9210 or 800-467-8676

11471
11360

TICKET NUMBER 55269
LOCATION Oakley, KS
FOREMAN Miles Slaw

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice # 814000 KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-30-18	3613	Hadley turn 1	3	11 S	21 W	Trego
CUSTOMER Hertman Oil			Rize adcat 10 to CRB			
MAILING ADDRESS 10500 E. Berkley Square Parkway, Ste. 100			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Wichita			753	Ray S		
STATE KS			711	Neil W		
ZIP CODE 67206						

JOB TYPE Surface HOLE SIZE 12.25' HOLE DEPTH 273' CASING SIZE & WEIGHT 8 5/8" 23 #
CASING DEPTH 270' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk _____ CEMENT LEFT in CASING 20'
DISPLACEMENT 16 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meetings and R2 up on H2 drilling Rig #4 Circulate casing
Mix 180sx Surface blend II Class A cement w/ 36 calcium 20 gal displace 166 bks water
Shut in Cement d.20 Circulate 4 bks to pit

Thanks Miles Slaw

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0471	1	PUMP CHARGE	1150.00	1150.00
CE0002	45	MILEAGE	7.15	321.75
CE0710	8.46 Ton	Ton mileage delivery	6.75	1666.22
CE5871	180 SX	Surface blend II	24.00	4320.00
			Subtotal	6457.97
			less 30% discount	1937.39
			Subtotal	4520.58
			SALES TAX	241.92
			ESTIMATED TOTAL	4762.51

SCANNED

Ravin 3737

AUTHORIZATION Jerry Kroll

TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



PRESSURE PUMPING LLC
 PO Box 884, Chanute, KS 66720
 620-431-9210 or 800-467-8676

11827
 11418

TICKET NUMBER 55861
 LOCATION Oakley Ks
 FOREMAN Jerry Y

FIELD TICKET & TREATMENT REPORT
 CEMENT

Walt Dinkel
WV011#814067 Ks

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-8-88	3663	Hadley #1 twin	3	115	21W	Trego
CUSTOMER		Hartman Oil				
MAILING ADDRESS		10500 E. Berkley Square Pkwy. Ste. 100				
CITY		STATE		ZIP CODE		
Wichita		Ks		67206		
TRUCK #		DRIVER		TRUCK #		DRIVER
731		Cory D				
566		Walt D				
535		Jerry Y				

JOB TYPE Plug HOLE SIZE 7 7/8 HOLE DEPTH 3960 CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2 TUBING _____ OTHER _____
 SLURRY WEIGHT 13.8 SLURRY VOL 1.42 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting & rig upon Har Rig 4 plug as ordered with 305 sks
60/40 48 gal 1/4 # flo seal
50 sks @ 3642'
50 sks @ 1575'
100 sks @ 825'
70 sks @ 40' with 8 5/8 wiper plug
50 sks @ 325'
15 sks mouse hole
30 sks rat hole

Thank you
Jerry & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0451	1	PUMP CHARGE	1900.00	1900.00
CE0002	45	MILEAGE	7.15	321.75
CE0710	13.12	tan mileage delivery	1.75	1033.20
CC5829	305 sks	1:1e blend II	16.00	4880.00
CC6075	76 #	flo seal	3.00	228.00
CP8228	1	8 5/8 wood plug	165.00	165.00
			Subtotal	8527.95
			-308	2558.38
			Subtotal	5969.57
			SALES TAX	295.29
			ESTIMATED TOTAL	6264.86

SCANNED

AUTHORIZATION [Signature] TITLE _____ DATE _____

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