

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) (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	ELY 3
Doc ID	1415464

All Electric Logs Run

Neutron/Density
Dual Laterolog
Microlog
Sonic



REMIT TO
 QES Pressure Pumping LLC
 Dept:970
 P.O.Box 4346
 Houston, TX 77210-4346

MAIN OFFICE
 P.O.Box884
 Chanute,KS 66720
 620/431-9210,1-800/467-8676
 Fax 620/431-0012

Invoice Invoice# 813000

Invoice Date: 04/30/18 Terms: Net 30 Page 1

HARTMAN OIL CO, INC
 10500 E. Berkley Square Parkway, Ste. 100
 Wichita KS 67206
 USA
 316-636-2090

ELY 3
Drilling

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0471	Cement Pump Charge 301' - 500' (Coalbed/Methane)	1.000	1,150.0000	35.000	747.50
CE0002	Equipment Mileage Charge - Heavy Equipment	20.000	7.1500	35.000	92.95
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	35.000	429.00
CC5871	Surface Blend II, 2% Gel/3% CaCl	250.000	24.0000	35.000	3,900.00

Subtotal 7,953.00
 Discounted Amount 2,783.55
 SubTotal After Discount 5,169.45

Amount Due 8,430.00 If paid after 05/30/18

Tax: 310.05
 Total: 5,479.50

4/18
Conrail
180202
85040

ENTERED



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

10539
 10431

TICKET NUMBER 55124
 LOCATION Ogden KS
 FOREMAN Miles Shaw

FIELD TICKET & TREATMENT REPORT
 CEMENT

Invoice #81300 US

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
4-26-18	3413	21y 3	27	21S	34W	Finnay	
CUSTOMER Hartman Oil			CONDUCTIVITY 10 bpm MS				
MAILING ADDRESS 10500 E. Berkley Square Hwy, Ste. 100			F3 Hwy to 6000 rd 9000 rd N+E info				
CITY Wichita		STATE KS	ZIP CODE 67206				
TRUCK #		DRIVER		TRUCK #		DRIVER	
753		Miles S					
70		Paul W					

JOB TYPE Surface HOLE SIZE 12 7/8" HOLE DEPTH 370' CASING SIZE & WEIGHT 5 5/8" 23#
 CASING DEPTH 370' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 22 1/4 hls DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting and Rig upon well drilling Rig #10 Circulate casing
mix 250sx surface blend II class A cement w/ 38 calcium 28 gal displer
22 1/4 hls water shut in cement did circulate 4 hls top it

Thanks Miles Shaw

10539

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0771	1	PUMP CHARGE	1150.00	1150.00
CE0002	20	MILEAGE	7.15	143.00
CE0771	11.75 tons	Ton mileage delivery	660.00	660.00
(LS87)	7.50 sx	Surface blend II	24.00	600.00
			Subtotal	2953.00
			less 35% discount	2783.55
			Subtotal	5169.55
			SALES TAX	310.05
			ESTIMATED TOTAL	5479.50

Ravin 3737

AUTHORIZATION [Signature] 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.

Consolidated oil well services

Monday, April 23, 2018
9:21 AM

Cement Bid for: HARTMAN OIL

Type of Job: SURFACE -360'

Lease:	ELY	#3
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County: FINNEY

State: KANSAS

Legals- SEC- -S-W	
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250 SKS COM,3%CC-2% GEL

Pump truck- 1,150.00

20 Miles- 143.00

TOTAL= 1,293.00

FLOAT EQUIPMENT

250 SKS - SURFACE- BLEND II	6,000.00
11.75 TON MILEAGE	660.00
TOTAL	6,660.00

	PUMPTRUCK- 1,293.00
	MATERIAL - 6,660.00
	FLOAT EQUIP-
	SUB TOTAL - 7,893.00
	35% DISC - 2,762.55
	7.95% TAX- 341.06
	TOTAL = 5,471.51

TAX INCLUDED AT INVOICING

BID BY: WALT DINKEL



REMIT TO
 QES Pressure Pumping LLC
 Dept:970
 P.O.Box 4346
 Houston, TX 77210-4346

MAIN OFFICE
 P.O.Box884
 Chanute, KS 66720
 620/431-9210, 1-800/467-8676
 Fax 620/431-0012

Invoice Invoice# 813097

Invoice Date: 05/08/18 Terms: Net 30 Page 1

HARTMAN OIL CO, INC
 10500 E. Berkley Square Parkway, Ste. 100
 Wichita KS 67206
 USA
 316-636-2090

ELY 3 *pluggins*

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0451	Cement Pump Charge 1501' - 3000'	1.000	1,900.0000	30.000	1,330.00
CE0002	Equipment Mileage Charge - Heavy Equipment	20.000	7.1500	30.000	100.10
CE0710	Cement Delivery Charge	232.200	1.7500	30.000	284.45
CC5829	Lite-Weight Blend V (60:40:4)	270.000	16.0000	30.000	3,024.00
CC6075	Celloflake	67.500	3.0000	30.000	141.75

Subtotal 6,971.85
 Discounted Amount 2,091.56
 SubTotal After Discount 4,880.29

Amount Due 7,331.39 If paid after 06/07/18

Tax: 251.67
 Total: 5,131.97

*5/18
 Consort
 180202
 85040*

ENTERED

Heads Up: 5.84 FT
Drill Pipe: 3901.77 FT
ID-3 1/2
Weight Pipe: FT
ID-2 7/8
Collars: 121 FT
ID-2 1/4
Test Tool: 34.07 FT
ID-3 1/2-FH
Jars
Safety Joint

Packer 1: 4045 FT
Packer 2: 4050 FT
Packer 3: 4066 FT
Top Recorder: 4033.92 FT
Bottom Recorder: 4055 FT
Below Straddle Recorder: 4486 FT
Well Bore Size: 7 7/8
Surface Choke: 1"
Bottom Choke: 5/8"

Total Anchor: 16

Anchor Makeup

Packer Sub: 1 FT
Perforations: (top): 3 FT
4 1/2-FH
Change Over: FT
Drill Pipe: (in anchor): FT
ID-3 1/2
Change Over: FT
Perforations: (below): 12 FT
4 1/2-FH

STRADDLE

Straddle Packer(s): 1 FT
Change Over: 1 FT
Drill Pipe: 412.63 FT
ID-3 1/2"
Change Over: .5 FT
Perforations (in tail pipe): 15 FT
4 1/2-FH



**Company: Hartman Oil
Company, Inc.
Lease: Ely #3**

SEC: 27 TWN: 21S RNG: 34W
County: FINNEY
State: Kansas
Drilling Contractor: WW Drilling, LLC -
Rig 10
Elevation: 2966 EGL
Field Name: Nunn
Pool: Infield
Job Number: 151

DATE May 02 2018

DST #2	Formation: LANS UPPER 'I'	Test Interval: 4050 - 4066'	Total Depth: 4500'
	Time On: 20:10 05/02	Time Off: 04:12 05/03	
	Time On Bottom: 22:25 05/02	Time Off Bottom: 02:10 05/03	

Mud Properties

Mud Type: CHEMICAL **Weight:** 9.2 **Viscosity:** 61 **Filtrate:** 8.8 **Chlorides:** 3800 ppm

Ely #3 Drilling Report

Hartman Oil Co., Inc.
Ely #3
 814'FS & 335'FW
 Section 27-21S-34W
 Finney County, Kansas
 #15-055-22,486

KB: 2967
 GL: 2962

Reference Well A: *J. Ely Ely #1 SE SW Sec 27-21S-34W**

Reference Well B: *HOC Gobleman "C" #1 E/2 NW SE Sec 27-21S-34W*

**very old Radioactivity Log; tops difficult to pick; may not be reliable*

		<u>A:</u>	<u>B:</u>			<u>A:</u>	<u>B:</u>
<u>SAMPLE TOPS</u>				<u>ELECTRIC LOG TOPS</u>			
Heebner	3764 (-797)	+8	+2	Heebner	3770 (-803)	+2	-4
Toronto	3780 (-813)	+14	+1	Toronto	3788 (-821)	+6	-7
Lansing	3807 (-840)	+13	+1	Lansing	3816 (-849)	+4	-8
Mun Creek	4004 (-1037)	+15	-2	Mun Creek	4017 (-1050)	+2	-15
Stark	4148 (-1181)	-8	-19	Stark	4148 (-1181)	-8	-19
Hush	4186 (-1219)	flat	-13	Hush	4193 (-1226)	-7	-20
B/KC	4278 (-1311)	-9	-23	B/KC	4277 (-1310)	-8	-22
Marmaton	4300 (-1333)	-10	-19	Marmaton	4298 (-1331)	-8	-17
Marm Lwr A	4317 (-1350)	-13	-26	Marm Lwr A	4318 (-1351)	-14	-27
Pawnee	4382 (-1415)	-12	-23	Pawnee	4391 (-1424)	-21	-32
Ft. Scott	4418 (-1435)	-12	-21	Ft. Scott	4416 (-1449)	-26	-35
Cherokee	4442 (-1475)	-18	-27	Cherokee	4431 (-1464)	-7	-18
Morrow Sh	4626 (-1659)	-17	-39	Morrow Sh	4622 (-1655)	-13	-35
Mississippian	4650 (-1683)	-20	-39	Mississippian	4648 (-1681)	-18	-37
St. Gen	4650 (-1683)	-20	-39	St. Gen	4648 (-1681)	-18	-37
St. Louis "B"	4748 (-1781)	-19	-54	St. Louis "B"	4762 (-1795)	-33	-68
RTD	4820 (-1853)			LTD	4820 (-1853)		

Sample Shows and Drill Stem Tests:

7am 4-30-18: Drilling ahead 3852' – Lansing B zone....

Lansing "H": *Circulate 4020'*

Limestone, cream; fossiliferous; finely oolitic; poor to fair pinpoint porosity; barren; no show of free oil; no odor.

Lansing "I": *Circulate 4054'*

Limestone, cream-gray; oolitic; poor to fair oolitic porosity; barren; no show of free oil; fair to strong odor; no stain in dry sample.

Wiper trip at 4054'...pulled 40 stands...circulated one hour...

back to drilling 9:00pm...wiper trip was tight...

Lansing Upper "I":

Circulate 4076'

Limestone, cream; fossiliferous and oolitic; poor to fair pinpoint porosity; light brown subsaturated to saturated stain; slight show of free oil – rare gas bubbles on break; fair pungent odor; dull yellow fluorescence; milky cut. *Will look at show on the log...*

No shows in Lansing "J"...encountered very thick oolitic zone (46') compared to surrounding wells...

No shows in Lansing Upper "L" or Lower "L" zones....

7am 5-1-18: Drilling ahead 4239' – Lansing Lower "L" zone....

Marmaton Altamont Lower "A":

Circulate 4326'

DST #1

Limestone, cream; large vugular porosity – some with secondary crystalline growth; fracture porosity; dolomitic; good amount golden brown spotty to saturated stain; slight show of free oil – active gas bubbles on break; poor to fair odor; bright yellow fluorescence; milky cut. *7' drilling break*

Demonstration of Diamond Testing P.O.R.T.A.L. System; will use Diamond's infinite bucket system allowing all open and shut in flows to build beyond the conventional 12"=BOB system. Both measurements will be displayed.

DST #1:

Diamond Testing Co., Inc.

Lower Altamont "A":

Michael Carroll; Tester

4310-4326

Conventional

P.O.R.T.A.L System

1st Op: Weak ¼" Blow

1st Op: .25"/30 min

No Blowback

Blowback 0"/45 min

2nd Op: No Blow

2nd Op: 0"/30 min

No Blowback

Blowback 0"/45 min

Rec:

10' SOCM (2%O, 98%M)

IFP: 14-21#/30"

ISIP: 533#/45"

FFP: 23-25#/30"

FSIP: 334#/45"

Pipe Strap at 4326': .98 Short to Board

7am 5-2-18: Drilling ahead 4375' – Lower Marmaton section....

Cherokee Lime:

Limestone, cream-tan; very oolitic; poor to fair pinpoint porosity; several pieces medium to dark brown saturated stain; very slight show of free oil; slight odor; dull yellow fluorescence; milky cut.

Will stop at 4500'; short trip 5-6 stands; come out for straddle test...DST #2 covering Lansing Upper "T" zone...

Short trip pulled tight....pulled 12 stands...

DST #2:

Lansing Upper "T":

4050-4066 (straddle)

Running dual packers on above and below test interval...bottom packer is 4066...bottom dual is 4071...tail pipe for straddle will be 429'.

Diamond Testing Co., Inc.

Michael Carroll; Tester

Conventional

1st Op: 2 1/2" Blow

No Blowback

2nd Op: 3/4" Blow

No Blowback

P.O.R.T.A.L System

1st Op: 2.5"/60 min

Blowback 0"/45 min

2nd Op: .75"/60 min

Blowback 0"/60 min

Rec:

125' WCM (22%W, 78%M)

IFP: 17-49#/60"

ISIP: 875#/45"

FFP: 50-72#/60"

FSIP: 867#/60"

Chlorides: 48,000 ppm

7am 5-3-18: CTCH at 4500' after straddle test....

No shows in Mississippian St. Louis "B"....

7am 5-4-18: Drilling ahead 4788' – cutting rathole for logs....

After reviewing the electric log calculations with Halliburton engineer Scott Carr, it is recommended that the Ely #3 be plugged and abandoned due to negative electric log calculations and low structural position. All major pay zones have been drill stem tested or condemned through electric log calculations. All pay zones in the Ely #3 appear to be water bearing and non-commercial.

FINAL REPORT

STATE OF KANSAS

CORPORATION COMMISSION
CONSERVATION DIVISION
266 N. MAIN ST., STE. 220
WICHITA, KS 67202-1513



PHONE: 316-337-6200
FAX: 316-337-6211
<http://kcc.ks.gov/>

GOVERNOR JEFF COLYER, M.D.

SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | DWIGHT D. KEEN, COMMISSIONER

September 04, 2018

Chris Peters
Hartman Oil Co., Inc.
10500 E BERKELEY SQ PKWY STE 100
WICHITA, KS 67206

Re: ACO-1
API 15-055-22486-00-00
ELY 3
SW/4 Sec.27-21S-34W
Finney County, Kansas

Dear Chris Peters:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 04/26/2018 and the ACO-1 was received on September 04, 2018 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department