

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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810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **5267**
 Foreman KEVIN MCGOY
 Camp EUREKA

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
10-22-20	1387	Edwards #1				GW	Ks	
Customer	Mailing Address	City	State	Zip Code	Unit #	Driver	Unit #	Driver
WARHorse Petroleum	10876 Maple Rd	Lafayette	Co.	80006	104	ALAN M.		
					113	Josh V.		
					145	Steve M.		

Job Type 2 7/8 LINER ← Hole Depth _____ Slurry Vol. 50 BBL Tubing _____
 Casing Depth 1985.54' ← Hole Size _____ Slurry Wt. 13.9 # Drill Pipe _____
 Casing Size & Wt. _____ Cement Left in Casing _____ Water Gal/SK _____ Other _____
 Displacement 11.5 BBL Displacement PSI 1000 Bump Plug to _____ BPM _____

10-22-20
 Remarks: SAFETY Meeting: 2 7/8 EUR LINER w/ PACKER Set @ 1985.54' inside 4 1/2 casing. Rig up to 2 7/8 Liner. BREAK Circulation w/ 10 BBL Fresh water, Pump 5 BBL Dyewater. Good Fluid Returns to SURFACE. MIXED 200 SKS 60/40 Pozmix Cement w/ 4% GeL, 1% CaCL2, 1/4% CFL-115 @ 13.9 #/gal = 50 BBL Slurry. WAS loosing Circulation the LAST 50 SKS OF MIXING Cement. WASH out Pump & Lines. Displace w/ 11.5 BBL of Fresh water. FINAL Pumping Pressure 950 PSI. Shut in @ 600 PSI. HAD ~ 3 BBL OF Dye water BACK to SURFACE BEFORE Displacement was Complete. Going to Run Bond Log to find top of Cement. Job Complete. Rig down

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 104	1	Pump Charge	1100.00	1100.00
C 107	20	Mileage	4.20	84.00
C 203	200 SKS	60/40 Pozmix Cement	13.40	2680.00
C 206	690 #	GeL 4%	.21 #	144.90
C 205	170 #	CaCL2 1%	.63 #	107.10
C 211	45 #	CFL-115 1/4%	11.00 #	495.00
C 108 A	8.6 TONS	Ton Mileage	M/C	365.00
C 113	3 HRS	80 BBL VAC TRUCK	90.00	270.00
C 224	3000 GALS	CITY WATER	10.00/1000	30.00
			Sub TOTAL	5276.00
				277.63
			8% Sales Tax	276.56
				5274.93

Authorization By John

Title _____

Total

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **5339**
 Foreman Russell McLoy
 Camp Eureka

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
11-4-20	1387	EDWARD'S #1				G.W.	Ks
Customer Warhorse Petroleum			Safety Meeting	Unit #	Driver	Unit #	Driver
Mailing Address 10816 Maple Road			Russell	102	Zevi		
City Lafayette			Zevi	105	JASON		
State CO			JASON	145	steve		
Zip Code 80026			steve				

Job Type Acid MIT Hole Depth _____ Slurry Vol. _____ Tubing 2 7/8 set @ 19.85'
 Casing Depth _____ Hole Size _____ Slurry Wt. _____ Drill Pipe _____
 Casing Size & Wt. _____ Cement Left in Casing _____ Water Gal/SK _____ Other _____
 Displacement _____ Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety meeting, Run bondlog cement top 230' Perf 2 holes @ 210' cement to surface w/ 30 SK's Reg 3% CaCl2 let cement set 2 hr wash out cement on inside of tubing. Annulus full w/ good cement returns to surface. 11-2-20 shut down for the day 11-2-20

11-3-20 MIT well 9 AM witnessed by Rodney w/ KCL good test 30 min Drill out 10 ft cement, 6 ft calseal in packer Drill 30 ft cement below packer, shut down for day @ 2030'

11-4-20 Rig Power swivel Drill cement from 2030-2070 (Perfs 2060-2070) wash down to T.D 2110' wash hole clean solid T.D @ 2110' spot 100 gallons 20% acid, pull 1" rig to 2 7/8 tubing break down @ 1100' flush 2 bbl acid in formation soak acid 15 min flush w/ 30 bbl water @ .6 BPM 1300' ISIP 600' 10 min test well @ 400' 1/2 BPM rate.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C-106	2 hr	Pump Charge	210.00	420.00
C-107	20	Mileage 11-2-20	4.20	84.00
C-200	30	SK's class A cement	15.75	472.50
C-205	85 #	CaCl2 = 3%	.63	53.55
C-113	2	hrs @ 90 Bbl VAC TRUCK	90.00	180.00
C-108-A	1.41 ton	ton mileage Bulk Truck MK	175.00	175.00
A-101	1	Pump Charge MIT Drill cement	840.00	840.00
A-107	20	mileage 11-3	4.20	84.00
A-206	100	gallon's 20% Acid 11-4	1.75	175.00
A-213	1	gallon Acid Inhibitor	38.00	38.00
C-118	2100'	1" HyDrill w/ Bit Rental	200.00	200.00
				2188.05
Sales Tax				58.08

Authorization by John Title owner Total 2188.05

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