KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1086924

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 9313
Name: Lorenz, James D.
Address 1: 543A 22000 RD
Address 2:
City: CHERRYVALE State: KS Zip: 67335 + ____
Contact Person: 9313
Phone: (620) 423-9360
CONTRACTOR: License # 33072
Name: Well Refined Drilling Company, Inc.
Wellsite Geologist: none
Purchaser: Coffeyville Resources

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
☐ Conv. to GSW
☐ Plug Back: Plug Back Total Depth
☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

01/23/2012	01/24/2012	02/15/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-037-22196-00-00
Spot Description: N37.25190 /w 095.02.694
S2 - NW - NE - SW Sec. 19 Twp. 30 S. R. 22 ☑ East ☐ West
2145 Feet from ☐ North / ☑ South Line of Section
3630 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
County: Crawford
Lease Name: Mechling Well #: C2
Field Name: McCune
Producing Formation: Bartlesville
Elevation: Ground: 932 Kelly Bushing: 937
Total Depth: 355 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 22 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 350
feet depth to: 0 w/ 61 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 1 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: James D. Lorenz
Lease Name: Hy-grade License #: 9313
Quarter NW Sec. 33 Twp. 31 S. R. 18 ☑ East ☐ West
County: Labette Permit #: D27822

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

☐ Letter of Confidentiality Received
Date:
☐ Confidential Release Date:
☑ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution
ALT ☐ I ☑ II ☐ III Approved by: Deanna Garrison Date: 07/23/2012

Side Two

1086924

Operator Name: Lorenz, James D. Lease Name: Mechling Well #: C2

Sec. 19 Twp. 30 S. R. 22 ☑ East ☐ West County: Crawford

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken *(Attach Additional Sheets)*	☐ Yes	☑ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Electric Log Submitted Electronically *(If no, Submit Copy)*	☑ Yes	☐ No

List All E. Logs Run:

Gamma Ray Neutron Completion Log

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Driller's Log	295	
Gamma Ray Neutron Completion Log	296	

CASING RECORD ☐ New ☑ 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
Surface	12.2500	8.6250	8	21	Portland	4	
Production	6.2500	2.8750	6.5	350	OWC	61	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
	-			
	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
2	2" DML-RTG	200 gal raw HCLacid/frac OTF	296-302

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: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Kepley Well Service, LLC

19245 Ford Road
Chanute, KS 66720

Date	Invoice #
2/15/2012	46598

Cement Treatment Report

Lorotta Oil, LLC
543A 22000 Road
Cherryvale, KS 67335

(x) Landed Plug on Bottom at 600 PSI
() Shut in Pressure 700
(x)Good Cement Returns
() Topped off well with_____ sacks
(x) Set Float Shoe

TYPE OF TREATMENT: Production Casing
HOLE SIZE: 6 1/2"
TOTAL DEPTH: 360

Well Name	Terms	Due Date
	Net 15 days	2/15/2012

Service or Product	Qty	Per Foot Pricing/Unit Pricing	Amount
Run and cement 2 7/8"	350	3.00	1,050.00
Sales Tax		7.30%	0.00

Mechling #C-2
Crawford County
Section:
Township:
Range:

Hooked onto 2 7/8" casing. Established circulation with 2.5 barrels of water, 2 GEL, METSO, COTTONSEED ahead, blended 61 sacks of OWC cement, dropped rubber plug, and pumped 2 barrels of water

Total	**$1,050.00**
Payments/Credits	**$0.00**
Balance Due	**$1,050.00**

Well Refined Drilling Company, Inc.
4230 Douglas Road - Thayer, KS 66776
Contractor License # 33072 -
Office - 620-839-5581; Jeff Pocket - 620-432-6170; Fax - 620-839-5582

Rig #:	2		License # 9313	
API #:	15-037-22196-0000			
Operator:	James D. Lorenz			
Address:	543A 22000 Road			
	Cherryvale, KS 67335 - 8515			
Well #:	C2	Lease Name:	Mechling	
Location:	2145	FSL		
	3630	FEL		
Spud Date:		1/23/2012		
Date Completed:		1/24/2012	TD:	355
Geologist:				
Driller:		Josiah Kephart		
Casing Record		Surface	Production	
Hole Size		12 1/4"	6 1/4"	
Casing Size		8 5/8"		
Weight				
Setting Depth		22' 5"		
Cement Type		4		
Sacks		Portland		
Feet of Casing				

HAVE RIG
Rig # 2
WILL DIG!

S19	T30S	R22E
Location:		S2,NW,NE,SW
County		Crawford - KS

Gas Tests

Depth	Oz.	Orfice	flow - MCF

12LA-012412-R2-003-Mechling C2- James D. Lorenz

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	overburden	132	207	shale	319	320	coal
2	4	lime	207	208	coal	320	324	shale
4	28	shale	208	244	shale	324	326	green shale
28	29	lime	244	245	coal	326	345	shale
29	60	shale	245	263	shale	345	355	sandy shale
60	61	coal	263	264	coal	355		Total Depth
61	78	shale	264	286	shale			
78	95	Oswego lime	286	294	sand			
95	97	shale	288	291	slight odor			
97	98.5	Summit blk shale	294	295	sandy shale			
98.5	99.5	coal	295	300	sand			
99.5	101	shale	297	300	oil odor - good			
101	113	lime	300	301	sandy shale			
113	115	shale	301	302	laminated sand			
115	117	blk shale	302	302.5	lime			
117	118	coal	302.5	304	sand - good oil			
118	121	shale	304	309	sandy shale			
121	132	sand	309	319	shale			