

**ORIGINAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**KCC WICHITA**

Form ACO-1  
June 2009

**DEC 02 2013**

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE RECEIVED**

OPERATOR: License # 31958  
Name: Hesse Petroleum Co., LLC.  
Address 1: 400 N Woodlawn, Ste #7  
Address 2: \_\_\_\_\_  
City: Wichita State: KS Zip: 67208+ 4333  
Contact Person: Phil Hesse  
Phone: (.316.) 685-4746  
CONTRACTOR: License # 5123  
Name: Pickrell Drilling Company  
Wellsite Geologist: Macklin Armstrong  
Purchaser: \_\_\_\_\_

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 #: \_\_\_\_\_

7/23/10      8/3/10  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date           Recompletion Date

API No. 15 - 155 ~~2559~~ 21559-0006

Spot Description: \_\_\_\_\_

NW, NW, SE, SE Sec. 17 Twp. 24 S. R. 9  East  West

1125 Feet from  North /  South Line of Section

1072 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Reno

Lease Name: Hinshaw Well #: 3

Field Name: Plevna West

Producing Formation: \_\_\_\_\_

Elevation: Ground: 1665 Kelly Bushing: 1675

Total Depth: 4100 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 212' @ 222' 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: Dry & Backfill

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: C & C Tank Service

Lease Name: Roach License #: 30708

Quarter SW Sec. 14 Twp. 23 S. R. 9  East  West

County: Reno Permit #: 22208

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

**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.

Signature: Phil Hesse

Title: Partner Date: Resubmit 11/25/13

**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: Dlg Date: 12/2/13

Operator Name: Hesse Petroleum Co., LLC Lease Name: Hinshaw Well #: 3  
 Sec. 17 Twp. 24 S. R. 9  East  West County: Reno

**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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <u>DIL-GR-SP CN/CDL-PE-CAL</u>	<input checked="" type="checkbox"/> Log    Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3096</td> <td>-1421</td> </tr> <tr> <td>Brn Lime</td> <td>3273</td> <td>-1598</td> </tr> <tr> <td>Lansing</td> <td>3299</td> <td>-1624</td> </tr> <tr> <td>B/KC</td> <td>3650</td> <td>-1975</td> </tr> <tr> <td>Miss</td> <td>3762</td> <td>-2087</td> </tr> <tr> <td>Viola</td> <td>3996</td> <td>-2321</td> </tr> </table>	Name	Top	Datum	Heebner	3096	-1421	Brn Lime	3273	-1598	Lansing	3299	-1624	B/KC	3650	-1975	Miss	3762	-2087	Viola	3996	-2321
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CASING RECORD <input checked="" 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
Surface	12 1/4"	8 5/8"	#23	222'	60/40	220	2%gel, 3%cc

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:    Size:    Set At:    Packer At:    Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No									
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____								
Estimated Production Per 24 Hours	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">Oil</td> <td style="width:10%;">Bbls.</td> <td style="width:10%;">Gas</td> <td style="width:10%;">Mcf</td> <td style="width:10%;">Water</td> <td style="width:10%;">Bbls.</td> <td style="width:10%;">Gas-Oil Ratio</td> <td style="width:10%;">Gravity</td> </tr> </table>	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Customer Hesse Petroleum Co. LLC		Lease No.		Date 7-23-10	
Lease Hirshaw		Well # 3			
Field Order # 17182000A	Station Pratt KS	Casing 8 5/8"	Depth 222	County Reno	State KS
Type Job 8 5/8" Surface		Formation COW	Formation TD 224'	Legal Description 17-24-9	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 8 5/8"	Tubing Size	Shots/Ft	220 SK	Acid 60/40 Poz	RATE 14.72 #/GA	PRESS	ISIP
Depth 222'	Depth	From	To 2%	Pre Pad 3% O.C.	Max 1/4" cell Flake		5 Min.
Volume 13581	Volume	From	To	Pad	Min		10 Min.
Max Press 250 #	Max Press	From	To	Frac	Avg		15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 202'	Packer Depth	From	To	Flush Disp H <sub>2</sub> O	Gas Volume		Total Load

Customer Representative: *M. Perkins* Station Manager: *Scotty* Treater: *Allen F. Worth*

Service Units	28443	29463	19960	19918					
Driver Names	<i>A. Worth</i>	<i>K. Lesley</i>	<i>Dale</i>	<i>Phye</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1000 PM 7-22-10					on loc. Discuss Safet, Setup, Plan Job
1115					Rig Drilling Rat Hole.
243 AM 7-23-10					40" surface Hole cut - Call for Equip.
515					Hole cut @ 224' CIR w/ Rig.
525	200 #			5	CASING @ 222' CIR w/ Rig.
					start 220 SKS 60/40 Poz
			49 Bbls		w/ 2% O.G.O., 3% O.C.C., 1/4" cell Flake 0.47
					Drop Plug. 8 5/8" wooden
545	250 #		13 Bbls	5	start Disp
	0 #				Plug down shut in @ well.
					Release PSI - "OK"
					wash up + Rack up Equip.
630					Job complete.

*cement CIR. To P.F.*

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**DEC 02 2013**  
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*Thanks Allen, Kevin, Dale*

Customer Hesse Petroleum Company, LLC.	Lease No. Hinsshaw	Lease # 3	Date 8-3-10
Field Order # 2224	Station Pratt, Kansas	Casing 1 1/2" Drill Pipe	Depth Pipe
Type Job C.N.W. - Plug To Abandon	Formation	County Reno	State Kansas
		Legal Description 17-245-9W	

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft	From	To	Rate	PRESS	ISIP
1 1/2" Drill Pipe	1 1/2" Drill Pipe	155	13.80	13.80	60/40 Poz with 48 Gal. 1st.	1.42 cu. ft.	5 Min.
Depth	Depth	From	To	To	Max	Min	10 Min.
Volume	Volume	From	To	To	Avg		15 Min.
Max Press	Max Press	From	To	To	HHP Used		Annulus Pressure
Well Connection	Annulus Vol.	From	To	To	Gas Volume		Total Load
Plug Depth	Packer Depth	From	To	To	Flush	Fresh Water	

Customer Representative: Mike Kerns Station Manager: David Scott Treater: Clarence R. Messick

Service Units	19,866	19,903	19,905	19,832	21,010				
Driver Names	Messick	Mattal	Masquez						

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:15					Truckson location and hold safety meeting.
					1 <sup>st</sup> /Plug 1,450 Feet - 35 sacks
3:26		350		5	start Fresh water Pre-Flush.
		350	20	5	start mixing cement
		175	28	5	start Fresh water Displacement.
3:41		-0-	38		Stop pumping.
					2 <sup>nd</sup> /Plug 850 Feet - 35 sacks.
4:40		250		5	start Fresh Water Pre-Flush.
		250	10	5	start mixing cement.
		125	18	5	start Fresh water Displacement.
4:46		-0-	23		Stop pumping.
					3 <sup>rd</sup> /Plug 272 Feet - 35 sacks
5:28		175		5	start mixing cement
		-0-	8	5	start Fresh water Displacement.
5:31		-0-	9		Stop pumping.
					4 <sup>th</sup> /Plug 60 Feet - 25 sacks
		-0-		3	Start mixing cement.
6:00		-0-	6.3		Cement circulated to surface Stop pumping.
6:05		-0-	4-3	3	Plug Rat and Mouse holes
					Wash up pump truck.
6:45					Job Complete.
					Thank You.

KCG WICHITA

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