KANSAS CORPORATION COMMISSION, OIL & GAS CONSERVATION DIVISION ON PLETION FORM

September 1999 Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #59 59	API No. 15 - 059-25798-00-00			
Name: Rader Oil Co.	County: Franklin			
Address: 453 E 2200 Rd.				
City/State/Zip: Eudora, Ks. 66025	feet from (S) / N (circle one) Line of Section			
Purchaser: Maclaskey	1485 feet from (E) / W (circle one) Line of Section			
Operator Contact Person: Richard Rader	Footages Calculated from Nearest Outside Section Corner: (A			
Phone: (_785 ₎ 883-2685	(circle one) NE SE NW SW			
Contractor: Name: Evans Energy	Lease Name: Hermes Well #: 38			
License: 8 509	Field Name: Paola-Rantoul			
Wellsite Geologist: None	Producing Formation: Squirrel			
Designate Type of Completion:	Elevation: Ground: 889 Kelly Bushing:			
X New Well Re-Entry Workover	Total Depth: 639 Plug Back Total Depth: N/A			
X Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 20.5 Feet			
Gas ENHR SIGW				
Dry Other (Core, WSW, Expl., Cathodic, etc)	Multiple Stage Cementing Collar Used? If yes, show depth set			
f Workover/Re-entry: Old Welf Info as follows:	If Alternate II completion, cement circulated from 611			
Operator: N/A	feet depth to Sarface w/ 90 sx cmt.			
Vell Name:	sx cmi.			
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan			
DeepeningRe-perfConv. to Enhr./SWD	(Data must be collected from the Reserve Pit)			
Plug Back Plug Back Total Depth	Chloride content ppm Fluid volume bbls			
Commingled Docket No.	Dewatering method used N/A			
Dual Completion	Location of fluid disposal if hauled offsite:			
Other (SWD or Enhr.?) Docket No	Operator Name: N/A			
•	Lease Name: License No.:			
11-30-11 12-2-11 1-20-12 pud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R			
ecompletion Date Recompletion Date	County: Docket No.:			
•				
Kansas 67202, within 120 days of the spud date, recompletion, workown information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline logs	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. It months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING			
TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells				
	ate the oil and gas industry have been fully complied with and the statements			
requirements of the statutes, rules and regulations promulgated to regula				
requirements of the statutes, rules and regulations promulgated to regularies are complete and correct to the best of my knowledge. Grature:	ate the oil and gas industry have been fully complied with and the statements			
requirements of the statutes, rules and regulations promulgated to regularies are complete and correct to the best of my knowledge. Gnature:	KCC Office Use ONLY Letter of Confidentiality Attached If Denied, Yes Date:			
requirements of the statutes, rules and regulations promulgated to regular rein are complete and correct to the best of my knowledge. gnature: Date: 12412 bscribed and sworn to before me this 24 day of 12412	KCC Office Use ONLY Letter of Confidentiality Attached If Denied. Yes Date: Wireline Log Received RECEIVE			
requirements of the statutes, rules and regulations promulgated to regularies are complete and correct to the best of my knowledge. gnature: Date: 12412 bscribed and sworn to before me this 24 day of 1244	KCC Office Use ONLY Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received RECEIVED			

Operator Name: Rad	er Oil Co;		Lease Name:	Hermes		. Well #:	38
Sec. 6 Twp. 17	S. R. <u>21</u>	🗶 East 🔲 West	County:	Franklin		·	<u> </u>
ested, time tool open emperature, fluid reco	and closed, flowing	and base of formations and shut-in pressure is if gas to surface test inal geological well site	s, whether shut-in p , along with final cha	ressure reached	static level, hydros	static pressur	es, bottom hole
Orill Stem Tests Taken (Attach Additional S		Yes XNo		Log Formati	on (Top), Depth ar	nd Datum	 Sample
amples Sent to Geol	ogical Survey	Yes 🔀 No	Nar	ne		Тор …	· · · Datum
Cores Taken Electric Log Run (Submit Copy)	-g -	XYes No		Squirrel		547'	
st All E. Logs Run:		•					
	. •	 					
			3 RECORD N	ew Used	tion, etc.	· · · · · · · · · · · · · · · · · · ·	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacis Used	Type and Percent
Surface	12½"	8 5/8"	26	20.5'	common	6	none
Prod.	6 3/4"	4 2 "	9•5	611.2	60-40 Poz	90	Pozmix
		ADDITIONA	L CEMENTING / SQ	JEEZE RECORD			
Purpose: —— Perforate	Depth Top Bottom	Type of Cement	#Sacks Used		Type and Per	cent Additives	-
Protect Casing Plug Back TD Plug Off Zone			N/A			N;	
Shots Per Foot	PERFORATIO Specify Fo	N RECORD - Bridge Plu notage of Each Interval Pe	gs Sel/Type Inforated		ture, Shot, Cement S		J Depth
2	15 Peri	· 553 · 5-560 · 5			100 G. HCI		Perf.
BING RECORD	Size 2"	Set At 550 *	Packer At none	Liner Run	Yes X No		
te of First, Resumerd Pri	oduction, SWD or Ent	r. Producing Met	hod Flowing	X Pumpin	g Gas Lift	Cther	(Explain)
imated Production Per 24 Hours		ols. Gas O	Mcf Wate	г <u>2</u> Въ		-Oil Ratio	Gravity RECEIVE
position of Gas N/A Vented Sold	METHOD OF CO.	_		Production Interv	JJJ. 5-500		JAN 2 7 20
(If vented, Sumit)		Open Hole Other (Spec		ually Comp. [Commingled	no	KCC WICH



TICKET NUMBER LOCATION O ++ awa FOREMAN Fred Made

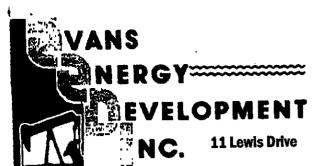
FIELD TICKET & TREATMENT REPORT

	or .800-467-8676			CEMEN'	Τ	•		•
DATE	CUSTOMER#		NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
12/2/11	6930	Herm	وج #3	8 .	SE:31	.16	21	FR
CUSTOMER		,	_ 		TWO IS TO SERVE	Edge Copy	war war and the	CT IN ALL STORE SHOW
		<u>ader</u>		4	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	:55	•			506	FREMAD	Safery	my.
	53 E 29		"	J . 1	368	ARL MCD	ARM O	. 6
CITY	'	STATE ,	ZIP CODE		370	GARMOO	6m	
Eudo		ЖS	66025]:	1"",570	KEICAR	1< <	
IOR TYPE LO	mastring	HOLE SIZE	6314	HOLE DEPTH		CASING SIZE & W	/EIGHT <u>''り多'</u>	<u> </u>
CASING DEPTH	1011	DRILL PIPE		TUBING			OTHER	
		SLURRY VOL_		WATER gal/s	k	CEMENT LEFT in	CASING 4/2"	Plug :
	τ <u> 9.7 ββ</u> ς		T [*] PSI	MIX PSI		RATE 4BPN	<u>vi</u> ·	<u>.</u>
. THE COUNTY BY MY	heck casi			-	MINKX	001 amu		Su Cal
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ACCOUNT	· · · · · · · · · · · · · · · · · · ·	<u>v</u>	1.	reeri-	inen:	ionista.		· ·
CODE	QUANITY	or UNITS	, D	ESCRIPTION O	f SERVICES or PR	CODUCT	UNIT PRICE	TOTAL
5401			PUMP CHAR	GE	$\frac{1}{\sqrt{1 - 2}}$	368		1030
5406	· . ,	15	MILEAGE			368		6000
5402	611	•	· · · · · · · · · · · · · · · · · · ·	g footeg	<u> </u>	4		N/c
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1131		90 s.ks	1 -	Por Mix	Cement		/2.65	1/2950
1118B	2	255 [#]	T .	um bel		•	: .21	<u>يخ</u> <u>دي</u>
4404		1	142 R	ubber-ph	<u>ų</u>			4509
1633		soo Gal.	080	water	+		16.54	4962
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			•			·	FORM	
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	1	•		 (7.8%	SALES TAX	9965
Ravin 3737	<u>. </u>		 				ESTIMATED	100
	Δ ^					٠.	TOTAL	2952 20
AUTHORIZTION	$\mathcal{R} \mathcal{R}$	mar		TITLE	•		DATE	2 1

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

STATES OF THE PROPERTY.

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Oil & Gas Well Drilling Water Wells Geo-Loop Installation

Phone: 913-557-9083 Fax: 913-557-9084

Paola, KS 66071

WELL LOG

Rader Oil Company Hermes #38

API # 15-059-25,798

November 30, 2011 - December 2, 2011

Thickness of Strata	<u>Formation</u>	Total	
12	soil & clay	12	
77	shale	89	
21	lime	110	
25	shale	135	
5	lime	140	
31	shale	171	
3	lime	174	
2	shale	176	
13	lime	189	
16	shale	205	
26	lime	231	
4	shale	235	
26	lime	261	
4	shale	265	
14	lime	279 base of the Kansas City	
150	shale	429	
6	lime	435	
12	shale	447	
3	lime	450	
35	shale	485	
11	lime ·	496	
11	shale	507	
3	lime	510	
10 ·	shale ·	520	
. 8	lime	528	
5	shale	533	
3	lime	536	
2	shale	538	
6	lime	544 brown, good oil show	
3	shal e	547	
5	broken sand	552 brown & green sand, good bleeding	
10.8	oil sand	562.8 brown, good bleeding	
0.7	shale	563.5	
0.5	sand	564	
5	broken sand	569 brown & green, 10% oil sand	
-		very thin bleeding seams	
25 .	silty shale	594 RECEIVE	:D

JAN 27 2012

KCC WICHITA

Hermes #38	Page 2			
1	lime	595		
8	shale	603		
2	lime	605		
1	ol sand	606 brown, lite oil show		
3	silty shale	609		
1	oil sand	610 brown, lite oil show		
10	silty shale	620		
3.5	oil sand	623.5		
2.5	broken sand	626 brown & green sand, oil odor		
3	shale	629		
3	oil sand	632 brown, lite oil show		
7	shale	639 TD		

Drilled a 12 1/4" hole to 20.5' Drilled a 6 3/4" hole to 639'

Set 20.5' of surface casing cemented with 6 sacks of cement.

Set 611.2' of 4 1/2"including 3 centralizers, 1 float shoe, and 1 clamp.