KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 October 2008 OCCODER 2008

Occober 2008

Form Must Be Typed

WELL COMPLETION FORM. ... WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 8501	API No. 15 - 125-02035-00-01
Name: Hardin Oil	Spot Description:
Address 1: 124 Oak Lane	<u>₩2-SE_NW_NE4_1_</u> Twp.34_S. R.14_ 🔀 East 🗍 West
Address 2:	4005 Feet from North / 🔀 South Line of Section
City: Caney State: KS Zip: 67333+	1,890 Feet from X East / West Line of Section
Contact Person: Jim Hardin	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 879-5634	[X] NE [] NW [] SE [] SW
CONTRACTOR: License # 5831.	County: Montgomery
Name: MOKAT Drilling	Lease Name: Red_Buffalo_LLCWell #: 11
Wellsite Geologist: Jim Hardin	Field Name: Wayside-Havana
Purchaser: CEP DES:	Producing Formation: _Riverton
Designate Type of Completion:	Elevation: Ground: 910 Kelly Bushing:
New Well Re-Entry X Workover	Total Depth: 1428. Plug Back Total Depth:
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at: 20 Feet
X_Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes X No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set: Feet
Dry Other (Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from: 14.2.8.
If Workover/Re-entry: Old Well Info as follows:	feet depth to: _top_of_earth75 sx cmt.
Operator: N/A	Drilling Fluid Management Plan
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used:
Plug Back: Plug Back Total Depth	
Commingled Docket No.:	Location of fluid disposal if hauled offsite:
Dual Completion Docket No.:	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
9-22-10 9-22-10 1-13-2011 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	Quarter Sec. Twp. S. R. East West County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workover or confidence of side two of this form will be held confidential for a period of 12 months if retaility in excess of 12 months). One copy of all wireline logs and geologist will be ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 for All requirements of the stagutes, rules and regulations promulgated to regulate	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidencell report shall be attached with this form. ALL CEMENTING TICKETS MUST orm with all temporarily abandoned wells.
are complete and correct to the best of my knowledge. Signature:	KCC Office Use ONLY
Title: Owner Date: 1-23-2011	Letter of Confidentiality Received 185/11-125/
Subscribed and sworn to before me this 25 day of 390	Letter of Confidentiality Received If Denied, Yes Date: 127 11 - Dy Wireline Log Received
20 //	
Notary Public: Kell. M. Sellett Parts Comprised Survivor 1-22-13	Geologist Report Received UIC Distribution AIT - DA - 1 27 RECEIVED
Date Commission Expires:	WANSAS CORPORATION COMMISS
KELLI M. DEWITT NOTARY PUBLIC NOTARY PUBLIC NOTARY PUBLIC	JAN 26 2011
STATE OF KANSAS	CONSERVATION DIVISIO

My Appl Exp. -

Operator Name: Hai	rdin Oil		Longo Namo	Red But	falo	107-11 #	<u>ll</u>
Operator Name: Hardin Oil Sec. 29 1. Twp. 34 S. R. 14 East West					ery		
INSTRUCTIONS: Sho	w important tops and sed, flowing and shut s if gas to surface tes	d base of formations pe in pressures, whether st, along with final chart	netrated. Detail all o shut-in pressure rea	cores. Report al	Il final copies of di	rill stems tests g sures, bottom h	giving interval tested, sole temperature, fluic
Drill Stem Tests Taken (Attach Additional Sheets) Samples Sent to Geological Survey Yes X No		ÆΙι	.og Formatio	on (Top), Depth a	nd Datum	Sample	
		Nan	ne swego		_{Тор} 942	Datum	
					1022		
ist All E. Logs Run:							
			G 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	# Sacks Used	Type and Percent Additives
Surface	121/4	7''	19	20	1	10	Additives
Production		2/78	6.5	1428	50/50	75	
· · · · · · · · · · · · · · · · · · ·		ADDITIONA	L CEMENTING / SQI	JEEZE RECORT	<u> </u>		
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		DN RECORD - Bridge Plu ootage of Each Interval Pe		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
4	32 shots	1384 to 13	300 gal acid				
4	17 shots	1308 to 13	312	3	800 gal a	cid	
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes X No		
Date of First, Resumed Po	roduction, SWD or Enh	r. Producing Met	_				
January Estimated Production Per 24 Hours	7 15, 2011 Oil B	bls. Gas	Mcf Wat			ft Otho	er (Explain) Gravity
DISPOSITION Vented Sold	Used on Lease	<u> </u>	METHOD OF COMPLI		mmingled	PRODUCTIO	IN INTERVAL:

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





TICKET NUMBER 29057

LOCATION EUROPE KS

FOREMAN RICK Leaford

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

FIELD TICKET & TREATMENT REPORT

				CEMEN	ı			
DATE	CUSTOMER#	WEL	L NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
9-23-10	3456	G-24			36	33	146	MG
CUSTOMER				101				
Hac	dia Oil a	<u>Co.</u>] Datety [TRUCK#	DRIVER	TRUCK #	DRIVER
MAILING ADDRE	SS			meeting	445	Justin		
ر0	1 Box 3	305 A		177 [477	JEN JS		
CITY		STATE	ZIP CODE	ל אר ל		1 Jan 12		
_		25	4.000					
JOB TYPE	estron 0	HOLE SIZE	67333	L				
-			····-	HOLE DEPTH		CASING SIZE & W	EIGHT	
CASING DEPTH		DRILL PIPE		TUBING_27			OTHER	
SLURRY WEIGH	T_/5,44	SLURRY VOL_		WATER gal/sk		CEMENT LEFT in	CASING	
DISPLACEMENT	8.2	DISPLACEMEN	T PSI_750	PSI /200	Some alees	RATE		
REMARKS: 5	afety met	ing- Rig	w to 23	3" the	Brown C	rculation u	/ /I RLI	
fresh u	ater Pune	4 545	gel-flush	5 BN	due inter	Mired 7	2< = ><	
class A	coment -	1 12 000	2 . 4% 00	1 + 44 4	ecele 154 P	13.4 "/301.	Shirt of ann	
_ washert	are + les	es drap	2 plus.	Disobce	18.2 Bb1	fresh water.	Final	
Ouna on	essure 750	BI. Bung	alves to	1200 PSI.	Clased .	ell in a 4	IA RSI	· · · · · · · · · · · · · · · · · · ·
Good o	rement retu	cas to s	urface 2 6	Bbl slu	w to ait.	Job comple	. Os dum	· · · · · · · · · · · · · · · · · · ·
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			The	en Ke "				
ACCOUNT		· · · · · · · · · · · · · · · · · · ·	7				· · · · · · · · · · · · · · · · · · ·	····

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODU	UCT UNIT PRICE	TOTAL
5401		PUMP CHARGE	925.00	225.00
5406	40	MILEAGE	3.65	141.00
11042	75 343	class A comat	13.50	1012.50
1102	70*	190 cace 2	.75	52.50
11186	280 *	490 gel	. 20	54.00
1107	20*	14° flack /sx	2.10	42.00
11188	200*	gel-flush	. 20	40 00
5407	3.53	ton milege but tox	- AC	315.00
4402	2	2%" top rubber plags	23.06	46.00
		KANSAS CORPORAT	IVED TON COMMU	
		JAN 20	2011	
		CONGRE	Sustate)	2635.00
vin 3737		4 ANAMA WICHTE	N DIVISION SALES TAX	18.10
	to The	a 20013	ESTIMATED TOTAL	871370
UTHORIZTION	Jagua Horas	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.



HARDIN OIL COMPANY

R.R. 1, Box 305A Caney, Kansas 67333

January25, 2011

Kansas Corp Commission 130 S Market Room 2078 Wichita, KS 67202

To Whom it May Condern

I would like to place the information on this Red Buffalo #11 in confidence for the maximum amount of time.

Sincerely

James L. Hardin

jlh/mh

AMBAS CORPORATION OCCURSION

JAN 26 2011

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