KANSAS CORPORATION COMMISSION

ORIG Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30535	API No. 15 - 135-24718-0000
Operator: License # 30333 Name: Hartman Oil Co.,Inc. Address: 12950 E 13th St. N.	County: Ness
Address: 12950 E 13th St. N. CONTIDE 2008	SW_NW_NW_Sec25Twp16S. R26 East West
Address: 12950 E 13th St. N. City/State/Zip: Wichita, Ks. 67230-1457	960' feet from S / (N (circle one) Line of Section
Purchaser: NCRA	! 220!
Onester Contact By Stap Mitchell	leet from E / (circle one) Line of Section
Phone: (620) 277-2511 KANSAS CORECE	Footages Calculated from Nearest Outside Section Corner:
Contractor: Name: H2 Drilling	(circle one) NE SE NW SW Lease Name: M P Stutz Well #: 1-25
License: 33793	Some Utica East - (Wildcat)
Wellsite Geologist: Jim Musgrove Conse	Footages Calculated from Nearest Outside Section Corner: (circle one) NE SE NW SW Lease Name: M P Stutz Well #: 1-25 SS/Bigld Name: Utica East - (Wildcat) Producing Formation: Mississippi
Wellsite Geologist: Jim Musgrove Conservation Designate Type of Completion: New Well Re-Entry Workover	Producing Formation: Mississippi
Designate Type of Completion: New Well Re-Entry Workover	Elevation: Ground: 2603' Kelly Bushing: 2614'
The Linky Workever	Total Depth: 4630' Plug Back Total Depth: 4617'
	Amount of Surface Pipe Set and Cemented at 355' w/200 sks Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ✓ Yes No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set 2667'
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from DV - Tool @ 2667'
Operator:	feet depth to Surface w/ 500 sks sx cmt.
Well Name:	Drilling Fluid Management Plan ALT 17 2-1016
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AHTINT 3-2016 (Data must be collected from the Reserve Pil)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 2400 ppm Fluid volume 6000 bbls
Plug Back Plug Back Total Depth	Dewatering method used_Evaporation
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	·
Other (SWD or Enhr.?) Docket No	Operator Name:
11/13/07 11/20/07 12/26/07	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec TwpS. R East West
necompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with t Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply, months if requested in writing and submitted with the form (see rule 82-3-nd geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
Signature: Wildelie	KCC Office Use ONLY
	NGC Office OSE ONLY
Title: Vice President Field Operations Date: 1/24/08	Letter of Confidentiality Received
Subscribed and sworn to before me this 5th day of February	, If Denied, Yes Date:
20.08.	Wireline Log Received
Notary Public: Linds Charl Deisia	Geologist Report Received
,	UIC Distribution
Date Commission Expires: 08 27 2010	
Notary Public State of Kansas Linda Chanel Neises	

My Appt Exp 08/27/2010

CONFIDENTIAL

Operator Name: Ha	artman Oil Co.,Inc).	Lease	Name:	M P Stutz		_ Well #: _ 1-2	25	
Sec. 25 Twp	16 S. R. 26	_ ☐ East	County					. 25 6 J 6000	
tested, time tool ope temperature, fluid re	en and closed, flowing ecovery, and flow rate	and base of formations p ng and shut-in pressures, es if gas to surface test, final geological well site	penetrated. whether shalong with fi	Detail ut-in p	all cores. Report	static level, hydro	ostatic pressu	res, bottom hole	
Drill Stem Tests Tak		✓ Yes			Log Formati	on (Top), Depth a	and Datum	√ Sample	
Samples Sent to Ge	eological Survey	Yes V No	i	Nar			Top	Datum	
Cores Taken	,	Yes No		Anh	bner	·	1994'	+620'	
Electric Log Run (Submit Copy)		✓ Yes No			sing		3880' 3921'	-1266' -1307'	
List All E. Logs Run:				BK			4226'	-1612'	
List Air E. Logs Huii.	•			Pav	vnee		4360'	-1746'	
Dual Induction	Log - Dual	Compensated Por	osity	Ft S	Scott		4425'	-1811'	
Sonic Cement	Bond Log -	Microresisitivity L	og	Mis	sisippi		4512'	-1898'	
				Mis	sissippi Dolo		4530'	-1916'	
			RECORD		ew 🗸 Used				
Purpose of String	Size Hole	Report all strings set-o	Weigi		Setting	Type of	# Sacks	Type and Percent	
Surface	Drilled 12-3/4"	Set (In O.D.) 8-5/8"	Lbs. /		Depth	Cement	Used	Type and Percent Additives	
Production	7-7/8"	5-1/2"	23#		355'	common	200	3 % CC - 2 % gel	
7 100001011	1-170	J-1/2	15.5#		4629'	ASC & Lite	800	1/4# Flo Seal & 5# Koc Seal	
		ADDITIONAL	CEMENTING	G / SQI	JEEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Type of Cement	#Sacks Used		Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone	4510' - 4530'	Common	300 sks		Class A Cor	nmon	****		
Shots Per Foot	PERFORATION Specify F	ON RECORD - Bridge Plug Footage of Each Interval Perl	s Set/Type forated		Acid, Fraci	ture, Shot, Cement ount and Kind of Mat	Squeeze Recor	d Depth	
2/SPF	4528-38'				Acidized w/5	00 Gal 15% N	E/FE	4539"	
TUBING RECORD 2-7	Size	Set At 4580' N	Packer At		Liner Run	Yes 📝 No	×		
Date of First, Resumerd			od	Flowing			☐ Othe	r (Explain)	
Estimated Production Per 24 Hours	0il E	Bbls. Gas M	Acf	Wate			s-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF CO	OMPLETION			Production Interva				
Vented Sold (If vented, Sub	✓ Used on Lease omit ACO-18.)	Open Hole Other (Specify	✓ Perf.	D	ually Comp.	Commingled			

HARTMAN OIL CO., INC.

			1	
DATE 1/18/2008		[HARTMAN OIL CO.,INC	
			LEASE	M P Stutz
			WELL NO.	#1-25
			FIELD NAME	Wildcat
			LOCATION SEC. NESS C	
		. 2667' - DV TOOL W/ 375 sk:	s Lite + 125 sks ASC	CONFIDENTIAL FEB 0 5 2008 KCC
				CONSERVATION DIVISION
		4528-38' Miss 4580' SN 2-7/8" Tbg	NEW 2-1/2"x1-1/2"x12' RWTC	
PBTD CSG TD	XXXXXXX	4618' 5-1/2" - 15.5# @ 4629' - W/ 1:	25 SX Lite + 175 ASC	

M P Stutz #1-25

M P Stutz #1-25 25-16S-26W Ness, KS

12-6-07

MIRU- Plains Well Service – RIH w/ 4 7/8" bit & 5 1/2" CSG SCP tag DV-Tool 2667' – Hook up Mud Pump @ Swivel drill out DV-Tool – PSI test to 300# - RIH W Bit & SCP- Tag bottom @ 4618' – Circulated clean & POOH

12-7-07

Log Tech ran CBL (Poor ASC CMT) called Allied Cement & perforated MISS @ 4330-40' (10') 2/SPF – RIH w/CSG swab – FL @ 490' FS – Swab down to 1900' Shut In

12-10-07

RIH w/CSG Swab – FL @ 1750' FS – swab down to 4500' – spot acid across perfs - acidized w/ 500 gal 15% MA acid – Broke down @ 500# - treated @ max 500# @ 1 BPM – shut-in

12-11-07

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KCC

RIH w/ swab – FL @ 1100' FS – swab down to 4600' – let set 1/Hr – FL @ 4350' – shut-in

12-12-07

RIH w/swab FL @ 2850' FS – swab down to 4500' – swab dry – re-acidized w/ 500 Gal 15% ne/fe acid - @ Max 500# @ 1 BPM – shut in 2/Hrs – RIH w/ swab FL @ 1350' FS

- swab down to 2850' FS - shut-in

12-13-07

RIH w/swab - FL @ 1600' FS - unable to swab below 2350' FS - RIH w/ CMT Retainer Set @ 4510'

12-17-07

RIH w/ CMT Retainer Stinger – Latch into CMT Retainer – Load CSG Annulus & PSI to 500# - Took injection rate down TBG @ 3 ½ BPM @ 1000# - Allied mix 300 sks Class A common – squeezed to 1700# - Displaced to 4450'@ 2000# - Pulled out of CMT Retainer – Reversed out TBG- Cleaned up – POOH w/TBG – Load CSG & shut in

12-18-07

RIH w/new 4 7/8" bit & 5 ½" CSG SCP – Tag CMT Retainer & drilled out to 4617' – Swab well down to 2600' FS – shut-in

12-19-07

POOH w/ bit – Log Tech Ran CBL - Re-perforated MISS @ 4428-38' – 2 SPF - RIH w/Swab FL @ 470' – swab down to 4560' - recovered 97 bbl fluid

12-20-07

RIH w/Swab FL @ 4350' FS (250' Fluid in hole) 1st Pull all oil – RIH w/ MA SN 3 jts TBG. Anchor Catcher, plus 143 jts TBG (total 146 2-7/8") set Anchor Catcher @ 20,000# over tbg wt. – Dump 500 Gal 15% ne/fe acid down csg annulus – flush w. 80 bbl 2 % KCL water - shut-in

12-21-07

RIH w/ 2 ½" X 1 ½" X 12' RWTC Pump w/1 ¼" X 6' Gas Anchor w/ 182 new ¾" Grade Rods – Load TBG from Swab Tank – PSI TBG to 300#

12-16-07

RDMF - Had to get a dozer to move off

1-18-08 - Start up pumping unit

1-23-08 - bbl test @ 3 BOPD & 8 BWPH

CONFIDENTIAL FEB 0 5 2008 KCC

CONSERVATION DIVISION

ALLIED CEMENTING CO., INC.

25486

REMIT TO P.O. BOX 31 SERVICE POINT: **RUSSELL, KANSAS 67665** Great Bend TWP. RANGE SEC. CALLED OUT ON LOCATION JOB START JOB FINISH DATE //.14.07 25 16 26 12:00 AM 1:00 AM 3:30 Am 4:30 AM STATE LOCATION / Tico OLD OR NEW (Circle one) CONTRACTOR H-2 Dulling OWNER Hartman TYPE OF JOB Surface **HOLE SIZE** T.D.348 **CEMENT** CASING SIZE 83/2 DEPTH356 AMOUNT ORDERED 200 ax Common **TUBING SIZE DEPTH** 3% CC 2% Gel DRILL PIPE DEPTH TOOL DEPTH PRES. MAX **MINIMUM** LeoCas COMMON @_1/1/D__22?n.co MEAS. LINE SHOE JOINT **POZMIX** CEMENT LEFT IN CSG. 15 **GEL** PERFS. CHLORIDE DISPLACEMENT 21.7 ASC **EOUIPMENT** RECEIVED KANSAS CORPORATION COMMISSION **PUMP TRUCK** CEMENTER HELPER @ **BULK TRUCK** CONSERVATION DIVISION @ #26() DRIVER WICHITA KS @ **BULK TRUCK @** DRIVER HANDLING 21004 **@** 210 p.y. MILEAGE REMARKS: 345660 TOTAL **SERVICE** ofe with rig mid DEPTH OF JOB 356 PUMP TRUCK CHARGE 56' @ EXTRA FOOTAGE 45 MILEAGE MANIFOLD HEAD RENTAL @ 10000 TOTAL 1107.40 STATE Kansas ZIP 67203 PLUG & FLOAT EQUIPMENT

·8%·T

@ 60,00

@

To Allied Cementing Co.. Inc.

ALLIFO CEMENTING CO INC. 30988

			Man	15 ye
DATE 11-27 SEC. TWP. RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE STUTS WELL# 1-25 LOCATION UTTO	ca fe 45	C/5	COUNTY N~ 55	STATE
OLD OR (Circle one)				
CONTRACTOR H-2 RG2	OWNER			
TYPE OF JOB 52 Two 5795 TOP HOLE SIZE 74 TD 4/430 AF				
HOLE SIZE 77 T.D. 4630 AF CASING SIZE 52 DEPTH 2667 AF	_ CEMENT	DEDED		
TUBING SIZE DEPTH	AMOUNT OF	6 87gel 4	Fla Seal	Plais
DRILL PIPE DEPTH	125 43	C 5 Kolge	1 97315	, , , , , , , , , , , , , , , , , , , ,
TOOL 57-32 Golfer DEPTH 266744 PRES MAX 1799 MINIMUM 8		The state of the s	THE RESERVE AND THE PERSON NAMED IN	
MEAS. LINE SHOE JOINT	_ COMMON	225 M	·@_11.10_	249750
CEMENT LEFT IN CSG.	_ POZMIX _ GEL	1 30 NH	@ 16.20 @ 16.65	<u>930.00</u>
PERFS.	_ CHLORIDE _	CONY	_@ _@_	466.21
DISPLACEMENT 65 662	ASC	1254	@ <u>/3.7</u> S	1718.75
EQUIPMENT	Tig SEAL		@ 2 .11 6	18800
Max	- HOLSEL		_@ <u>70</u>	437.50
PUMPTRUCK CEMENTER Mile M # 181 HELPER Wayne	- SALX	8 Ref	_@ <u>/9.20</u> _@	_153.60
# 181 HELPER Wayne BULK TRUCK	•			
# 357 DRIVER DWayne			@	
BULK TRUCK	• •		@	
344 DRIVER Carl	HANDLING_	500 A.I	@ <u></u>	1.062.10
	MILEAGE	559440	9 26	1308.06
REMARKS:			TOTAL	8761.710
OPEN The took at 800#			*OIAL	
Birculate The Hole for Two Hr		SERVIC	E	
Pump coment Down The 010x corculato	DEPENDENCE	7//-1	,	<u> </u>
Coment To Surface Circulate 70 sk out	DEPTH OF JO: PUMP TRUCK			0-0-
In 917 ament Coraulate around	EXTRA FOOT	AGE	@	95500
Plag Down 1700# Float Heal D	MILEAGE	26	@ <i>L.00</i>	NC
	MANIFOLD		@	
	Fre ch	P Rantal V	@	10
HARGE TO: Hartman out Co.	73 11000		@	NC
		4	KE(ANSA S GARA X	CEIVED RATION DOMINIS
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TTYSTATEZIP	מו	LUG & FLOAT I	FEB 1	⁰ 6 2008
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Thank			CONSERVA	TION DIVISION
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ALLIFO CEMENTING CO INC.

30987

REMIT TO P.O. BOX 31 SERVICE POINT: great Bend **RUSSELL, KANSAS 67665** DATE 21-07 RANGE ON LOCATION COUNTY Ness LOCATION UTICA 28 8/5 OLD OR NEW (Circle one) **CONTRACTOR OWNER** TYPE OF JOB Bottom STage **HOLE SIZE** 4630 H CEMENT **CASING SIZE** DEPTH 4629 AMOUNT ORDERED **TUBING SIZE** 125 40 879 1 4 Flo 5-01 DEPTH **DRILL PIPE DEPTH** Stage Collar 50000 WFRI TOOL DEPTH 2467.4 PRES. MAX 1500+ MINIMUM 7. COMMON 75 Ay @ 11112 30.00 PAL @ 11.10 832,50 MEAS. LINE SHOE JOINT 10-42 POZMIX CEMENT LEFT IN CSG. **GEL** 10 NH @ 16.65_ PERFS. **CHLORIDE** DISPLACEMENT **EQUIPMENT** @ 1.00 Son.00 KOLSEK PUMP TRUCK CEMENTER SALT 181 HELPER Wayne **BULK TRUCK** # 357 @ DRIVER Dwayne @ **BULK TRUCK** 344 @ DRIVER HANDLING @ MILEAGE _ REMARKS: Laying Down Collers SERVICE mud Bump 4629 **DEPTH OF JOB** From Then PUMPTRUCK CHARGE at twosh up + Drop Plug **EXTRA FOOTAGE** Phy Down with . 47. 2 64 MILEAGE @_600 + 65 bbt of mud Phung borded MANIFOLD NC TOTAL ZOOBOOS CORPORATION COMMISSION @ 10000 CHARGE TO: Hartman oil Co. STREET CITY _STATE_ ZIP___ PLUG & FLOAT EQUIPMENT Float shoe @ 47000 470.00 HONDINA KS 1-5= Float shoe To Allied Cementing Co., Inc. stegs Collar @ 400000 4000 00 You are hereby requested to rent cementing equipment Bashet @_16500_ and furnish cementer and helper to assist owner or -@_S0.00 S00.00 contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or TOTAL <u>\$710.00</u> contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side. TAX_

TOTAL CHARGE _

DISCOUNT

SIGNATURE

ALMED CEMENTING CO, INC.

30541

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

SERVICE POINT:

Great Bend Ko

DATE TO A S IL ALL PLAS LOCATION DELLO REPORT WHEN STATE COUNTY STATE		CALLED OUT	CNITOCATION		
DILLE PRESENTE WELL # 1-25 LOCATION TUTO TAE 145. Fire COUNTY STITE COLO OF NEXT CITICAL ONE) CONTRACTOR Plan will Sourch TYPE OF 108 Patterns Will Sourch TYPE OF 108 Patterns Will Sourch TYPE OF 108 Patterns Will Sourch TOTAL 1996 COMMON 300 % Will Ind COMMON 400 %		MASSE	NOTING AND INCALLING	JOB START	JOB FINISH
ONTRACTOR Many will Source OUT TO OWNER Source ONTRACTOR Many will Source OWNER OWNER OWNER SOURce OWNER	A. O.			COUNTY	STATE
DEPTH OF DOR MANUAL STATE AND LINE S	LD OR NEW (Circle one)	SE JUNG	Jumo	wen	14
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EMENT LEFT IN CSG. ERFS. JS30 CHLORIDE @ SISPLACEMENT					-3330.00
ERFS. 4530 ISPLACEMENT EQUIPMENT EXAMPLE AGE EXTRA FOOTAGE EX	EMENT LEFT IN CSG.			_	
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EQUIPMENT Comparison Compa	DISPLACEMENT				
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SERVICE SETOR SERVICE SETOR SERVICE SERVICE				TOTAL	460200
EXTRA FOOTAGE MILEAGE 26 @ 6.00 151cm MANIFOLD @ 85.c0 85.co MANIFOLD @ 85.co 85.co MANIFOLD @ 6.co 15tcce MILEAGE Ato @ 6.co 15tcce MILEAGE Ato @ 6.co 15tcce MILEAGE Ato @ 6.co 15tcce MANIFOLD @ 6.co 15tcce MANIFOLD)B 4510		10.0
MILEAGE ALG @ 6.00 ISING MANIFOLD	Eld P/ES heralow Junearland 22/4 bbls		AGE		100.00
MANIFOLD @ 35:e0 85:e0 @ anarge to: Hotton TOTAL 1991.0 TY STATE ZIP PLUG & FLOAT EQUIPMENT @ anare hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or intractor to do work as is listed. The above work was ne to satisfaction and supervision of owner agent or intractor. I have read & understand the "TERMS AND DNDITIONS" listed on the reverse side. MANIFOLD @ 35:e0 85:e0 @ 35:e0 85:e0 # TOTAL 1991.0 # PLUG & FLOAT EQUIPMENT # PLUG & FLOAT EQUIPMENT # TOTAL	Squeel to 2000 the Reland & Held.				15600
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TOTAL 1991.6 REET	V .mas				85.00
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Allied Cementing Co., Inc. PLUG & FLOAT EQUIPMENT	11				
TYSTATEZIPPLUG & FLOAT EQUIPMENT @	HARGE TO: Hortman				
PLUG & FLOAT EQUIPMENT @	The Firm			@	ing! -
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