KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5663	API No. 15 - 195-22489-0000			
Name: Hess Oil Company	County: Trego			
Address: P. O. Box 1009	App _SW _ SE _ SW Sec. 3 Twp. 14 S. R. 22 East V West			
City/State/Zip: McPherson, KS 67460	350 feet from (S)/ A (circle one) Line of Section			
Purchaser:	1525 feet from \swarrow (circle one) Line of Section			
Operator Contact Person: Bryan Hess	Footages Calculated from Nearest Outside Section Corner:			
Phone: (620) 241-4640	(circle one) NE SE NW (SW)			
Contractor: Name: Mallard JV, Inc.	Lease Name: Kathleen Well #: 1			
License: 4958	Field Name:			
Wellsite Geologist: Beth A. Isern	Producing Formation:			
Designate Type of Completion:	Elevation: Ground: 2304' Kelly Bushing: 2309'			
✓ New Well — Re-Entry — Workover	Total Depth: 4267' Plug Back Total Depth:			
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 220 Feet			
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?			
✓ Dry — Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet			
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from			
Operator:				
Well Name:	reet depth to			
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)			
Deepening Re-perf Conv. to Enhr./SWD				
Plug Back Plug Back Total Depth	Chloride content ppm Fluid volume bbls			
Commingled Docket No.	Dewatering method used			
Dual Completion Docket No	Location of fluid disposal if hauled offsite:			
Other (SWD or Enhr.?) Docket No	Operator Name:			
40.40.07	Lease Name:License No.:			
10-18-07 10-24-07 10-24-07 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West			
Recompletion Date Recompletion Date	County: Docket No.:			
Kansas 67202, within 120 days of the spud date, recompletion, workove information of side two of this form will be held confidential for a period of the spud date.	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. In 2 months if requested in writing and submitted with the form (see rule 82-3-104 and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.			
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements			
Signature: & Supra Herr	KCC Office Use ONLY			
Pres 11-26-07				
Date:	Letter of Confidentiality Received			
Subscribed and sworn to before me this 26 day of 7 000mbes	KANSAS CORPORATION COMMISSIO			
20.07.	Wireline Log Received Geologist Report Received NOV 2 8 2007			
Notary Public: Carol A. Michel STATE OF K	ANSAS UIC Distribution			
Date Commission Expires: My Appt Expires 6-1	MANUTA VR			

Side Two

- 4₄₂₁

Operator Name: Hess					se Name:			_ Well #:	
Sec. 3 ' Twp. 14	S. R. <u>22</u>	East	✓ West	Cou	nty: Trego				
INSTRUCTIONS: Shot tested, time tool open temperature, fluid reco	and closed, flowin	g and shutes s if gas to	in pressures, surface test, a	whether along with	shut-in pre	essure reached	static level, hydro	static pressui	es, bottom hole
Drill Stem Tests Taken (Attach Additional Sheets)			Log Formation (Top), Dept		on (Top), Depth a				
Samples Sent to Geole	ogical Survey	✓ Ye	es 🗌 No		Nam	е		Тор	Datum
Cores Taken Electric Log Run (Submit Copy)		☐ Ye				·			
List All E. Logs Run:									
Dual Compens	ated Porosit	y, Dual	Induction						
			CASING			_			
Purpose of String	Size Hole Drilled	Report all strings set-co 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"		20#		220'	common	160	2% gel, 3% cc
		- 	ADDITIONAL	. CEMEN	TING / SQL	JEEZE RECORD)		
Purpose: Perforate	Depth Top Bottom	Type of Cement		#Sac	#Sacks Used Type and Percent Additives			3	
Protect Casing Plug Back TD Plug Off Zone	Protect Casing Plug Back TD								
1 ldg 011 20110									
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					
							· · · · · · · · · · · · · · · · · · ·	DEC	SEIVED
							К		RATION COMMISSION
								NUA	2 8 2007
				***************************************			·		ATION DIVISION HITA, KS
TUBING RECORD	Size	Set At		Packer	r At	Liner Run	Yes No	,	
Date of First, Resumerd F	Production, SWD or E	inhr.	Producing Met	nod	Flowing	Pumpir	ng 🔲 Gas Lift	Othe	er (Explain)
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf .	Wate	r Bl	ols. G	as-Oil Ratio	Gravity
Disposition of Gas	METHOD OF C	COMPLETION	N			Production Interval			
Vented Sold (If vented, Subm	Used on Lease	[Open Hole Other (Speci	·	erf. D	ually Comp.	Commingled		

P.O. BOX 1009 McPHERSON, KANSAS 67460-1009 (620) 241-4640

ACO-1 Completion Form Attachment

Kathleen #1 Approx. SW SE SW 350' FSL, 1525' FWL, Section 3-14-22W Trego County, Kansas API# 15-195-22,489-0000

Elevation: 2309' KB

FORMATION	LOG TOP	DATUM
Anhydrite	1745'	(+564')
Base Anhydrite	1783'	(+526')
Heebner	3688'	(-1379')
Lansing	3728'	(-1429')
Base Kansas City	3980'	(-1671')
Pawnee	4085'	(-1778')
Fort Scott	4152'	(-1843')
Cherokee Shale	4162'	(-1853')
Cherokee Sand	4186'	(-1877')
RTD	4267'	(-1958')
LTD	4266'	(-1957')

DST #1:

Depth:

4120' - 4197' KB

Times:

30-45-30-45

Blows:

IF - BOB in 8½ min.

ISI – No blow back in 6 min, weak intermittent blow, died in 31 min.

FF – BOB in 12 min. FSI – No blow back

Recoveries:

120' MW w/scum O (60% W, 40% M)

60' GM & WCO (80% O, 10% W, 10% M)

350' GO & WCM (5% G, 15% O, 20% W, 60% M 130' G & WHOCM (5% G, 30% O, 10% W, 55% M)

20' free oil (93% O, 7% M)

Pressures:

IH 2067#, IF 43-221#, ISI 1011#, FF 230-319#, FSI 968#, FH 1974#

RECEIVED KANSAS CORPORATION COMMISSION

NOV 2 8 2007

CONSERVATION DIVISION WICHITA, KS

ALLIED CEMENTING CO., INC.

Federal Tax I.D.

30370

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 SERVICE POINT:

	,					Mean	June
DATE 10.18.07	SEC.	TWP.	RANGE 22	CALLED OUT 2:00 PM	ON LOCATION 5:00PM	JOB START 6:000M	JOB FINISH 7:00 Pm
LEASEKathleen	WELL#	1	LOCATION 44	147 Jet 15	morth	COUNTY	STATE
OLD ORNEW (Ci	rcle one)			st north in		-	
CONTRACTOR	mal	1.1		<u>.</u> . – – – – – – – – – – – – – – – – – –	en Oil C	1_	
TYPE OF JOB		an		OWNER 7	es oue c	.0.	
HOLE SIZE 12	/// ()	· T.D	220'	CEMENT			
CASING SIZE 87	7 2		PTH 220'		DERED <u>160</u>	44 (
TUBING SIZE	O		PTH	AMOUNT ORI	79 CA	DECom	non
DRILL PIPE			PTH		210 GEE		
TOOL			PTH				
PRES. MAX			NIMUM	COMMON	160	α /1. In	1776,0
MEAS. LINE	_		OE JOINT	POZMIX	100	_@ <u></u>	111010
CEMENT LEFT IN	LCSG.		OL JOHVI	GEL	4	_ `	49,95
PERFS.	. 050.			GEL CHLORIDE			
DISPLACEMENT	1/12:	3 88LS	1/20	ASC		_@ <u>770.60</u> _@	233,00
				ASC		- [@]	
	EQU	IPMENT				- [@]	
<u>BB</u>						- [@] —	
	CEMENT	ER .	95			- [@]	
	HELPER	R	mdy			_	
BULK TRUCK			. •			_ @	
	DRIVER	Ker	rn			- [@]	
BULK TRUCK	•	-					
#I	DRIVER			HANDLING	168		210 11
				MII FAGE ZO	168	- W - 1.5/W	590 1
	REN	MARKS:	•	WILLINGE THE	, , , , , ,		20110
	K					TOTAL.	4761.83
Ran 8 5/8 Ca	sing !	to Box	tom circul	te	SERVIO	CE	
with sig mu	d, h	- Rup	to sumo to	k			
5 mysed 10	00 px g	mmon	37.cc 27	<i>gel</i> . Depth of Joe	220'		
Street day	n cha	nge m	elresover &	PUMP TRUCK	CHARGE		815.00
release 878	TWP	XIII	elace with	EXTRA FOOTA	GE	@	
13.3BBIS f	rest H	Ce Ce	ment did	MILEAGE <u>34</u>	}	@ 6,00	234.00
circulate.	Shut	in.	· · · · · · · · · · · · · · · · · · ·	— MANIFOLD		@	
				Headrente	l	@	100.00
				-		@	
CHARGE TO:	less 9	Sil C)).	18411949	RECEIVED		
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				1.8% TV		<u></u>	
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To Allied Cementi	_		; •			.@	
You are herehy red	nuested to	rent cem	enting equinmen	nt		. @	

ALLIED CEMENTING CO., INC.

CALLED OUT

Federal Tax I.D.

LOCATION 4 1 1 7

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

Leer WELL#

OLD OR NEW (Circle one)

CONTRACTOR TYPE OF JOB

TWP.

RANGE

CO.,	IN	C.	256	7:
SEI	RVIC	E POINŢ	:	
		_eh	B	
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CEIVED		TOTAL	10490	_
ORATION COMMIS	SSION			
		TFT>	_	
2 F 2007T	EQU	JIPMEN'	Γ	
VATION DIVISION	@			_
/ICHITA. KS	w			

HOLE SIZE T.D. 4267 A	CEMENT
CASING SIZE DEPTH	AMOUNT ORDERED 200 6 473-8
TUBING SIZE DEPTH	AWOUNT ORDERED 189-1
DRILL PIPE 42 DEPTH 1760 B	1 Kla seal Pr/
TOOL DEPTH	4
PRES. MAX MINIMUM	COMMON/2014. @ //./D 1332 a
MEAS. LINE SHOE JOINT	1000
CEMENT LEFT IN CSG.	CEI TOO
PERFS.	CHLORIDE@_16.65116.5
DISPLACEMENT	ASC@
EQUIPMENT	Pasau Ent o
	<u> </u>
PUMPTRUCK CEMENTER Mills m.	
# 18/ HELPER Randy P, BULK TRUCK	@
# 2111 DDIVED	@
BULK TRUCK	@
# DRIVER	@
	HANDLING 20924 @ 190 39710
	MILEAGE 209 A4 09 39 733 59
REMARKS:	• " =
M:X 25 th at 1760 H	TOTAL _ 3/7S.2 4
11 100 of 11 880 pt	SERVICE
11 40 11 11 270 11	SERVICE.
11 10 11 11 40 11	DEPTH OF JOB 1760 H
11 15 11 11 BH "	The state of the s
11 10 " " mH"	PUMP TRUCK CHARGE & IS.@
	MUELCE
	MANIFOLD@
	@
1/	@
CHARGE TO: He 55 oil Co.	
STREET	TOTAL 1049.00
	RECEIVED TOTAL TOTAL
CITYSTATEZIP	KANSAS CORPORATION COMMISSION
	PLUG & FLOAT EQUIPMENT
$\int \int dK$	NUV Z 8 ZUU/
To Allied Cementing Co., Inc.	CONSERVATION DIVISION @
You	TAIOHIM, NO
To Allied Cementing Co., Inc.	
You are hereby requested to rent cementing equipment	
ready requested to rout contempring equipment	