

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5663
Name: Hess Oil Company
Address: P. O. Box 1009
City/State/Zip: McPherson, KS 67460
Purchaser: NCRA
Operator Contact Person: Bryan Hess
Phone: (316) 241-4640
Contractor: Name: Mallard JV, Inc.
License: 4958
Wellsite Geologist: James C. Hess

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back Plug Back Total Depth _____
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
11-4-00 11-12-00 11-28-00
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 055-21696-0000
County: Finney
SW SW SE Sec. 1 Twp. 23 S. R. 31 East West
330 feet from (S) N (circle one) Line of Section
2310 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Trell Well #: 3-1
Field Name: Stewart

Producing Formation: Morrow/Mississippi
Elevation: Ground: 2869' Kelly Bushing: 2874'
Total Depth: 4874' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 306 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1847 Feet
If Alternate II completion, cement circulated from 1847
feet depth to surface w/ 230 sx cmt.

Drilling Fluid Management Plan Oct. II RGR 12/21/07
Data must be collected from the Reserve Pit
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

RECEIVED
THE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas
MAR 13 2001

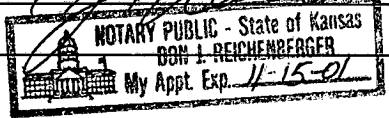
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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.

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: Bryan Hess
Title: Manager Date: 3-12-01

Subscribed and sworn to before me this 12th day of March, 2001

Notary Public: Don J. Reichenberger
Date Commission Expires: _____



KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

X

Operator Name: Hess Oil Company Lease Name: Trekell Well #: 3-1
 Sec. 1 Twp. 23 S. R. 31 East West County: Finney

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets) 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 (Submit Copy) List All E. Logs Run: Dual Induction Dual Compensated Porosity	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum <p style="text-align: center;">see attached</p>
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CASING RECORD <input type="checkbox"/> New <input checked="" 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"	20#	306'	60/40 poz	200	2%gel, 3%cc
Production	7-7/8"	5-1/2"	14.5#	4845'	Premium	150	10%cal, 10%salt, 6%Halad, 322, 1/4#flo
				plus	MidCon	230	2%cc, 1/2#flo

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 (Amount and Kind of Material Used)	Depth
	Perf 4757'-4767', Acid 1000 gal 15%, Frac		
	15,000# sand & 450 bbl gelled water		
	Perf 4786'-4789', Acid 750 gal 15%		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	4741'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr. 12-3-00	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 35	Gas Mcf	Water Bbls. 72	Gas-Oil Ratio	Gravity 34
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Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 4757'-67' & 4786'-89'
 (If vented, Sumit ACO-18.) Other (Specify) _____

ACO-1 Completion Form Attachment

ORIGINAL**Trekell #3-1**
SW SW SE Section 1-23-31W
Finney County, Kansas

	Sample Tops	Datum
Heebner	3986'	-1112'
Toronto	4006'	-1132'
Lansing	4036'	-1162'
Stark Shale	4397'	-1523'
Base KC	4489'	-1615'
Pawnee	4582'	-1708'
Cherokee Shale	4623'	-1749'
Morrow Sand	4755'	-1881'
Miss. St. Genevieve	4780'	-1906'
Miss. St. Louis	4854'	-1980'
RTD	4870'	-1996'
LTD	4874'	-2000'

DST #1: 4750'-4770'. 30-45-30-45. Initial flow - fair to strong blow off bottom in 8 min. Final flow - fair to strong blow off bottom in 8 min. Rec. 1910' gas in pipe, 250' clean gassy oil (20% gas, 80% oil), 180' gas & oil cut mud (10% gas, 30% oil, 60% mud). IH 2397#, IF 22-104#, ISI 1117#, FF 129-169#, FSI 1088#, FH 2392#.

ALLIED CEMENTING CO., INC.

5359

ORIGINAL

Federated [REDACTED]

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

SERVICE POINT:
BARLEY

DATE <u>11-4-00</u>	SEC. <u>1</u>	TWP. <u>235</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>11:15 PM</u>	JOB START <u>2:30 AM</u>	JOB FINISH <u>3:00 AM</u>
LEASE <u>TREK 11</u>	WELL # <u>3-1</u>	LOCATION <u>GARDEN CITY 6N-9E-1W-22E</u>			COUNTY <u>KENNEY</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR MAHARD DRUG

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D.

CASING SIZE 8 5/8" DEPTH 306'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 18 1/2 BAL.

OWNER SAME

CEMENT AMOUNT ORDERED 200 SKS 60/10 P 2396CC 286EL

EQUIPMENT

PUMP TRUCK # 191 CEMENTER TERRY
HELPER WAYNE

BULK TRUCK # 218 DRIVER ANDREW

BULK TRUCK # _____ DRIVER _____

COMMON	<u>120 SKS</u>	@	<u>7.55</u>	<u>906.00</u>
POZMIX	<u>80 SKS</u>	@	<u>3.25</u>	<u>260.00</u>
GEL	<u>4 SKS</u>	@	<u>9.00</u>	<u>38.00</u>
CHLORIDE	<u>6 SKS</u>	@	<u>28.00</u>	<u>168.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>210 SKS</u>	@	<u>1.05</u>	<u>220.50</u>
MILEAGE	<u>44 per SK/mile</u>			<u>604.00</u>
				<u>2197.30</u>

REMARKS:

SERVICE

CEMENT DIA CIRC.

THANK YOU

DEPTH OF JOB	<u>306'</u>		
PUMP TRUCK CHARGE			<u>470.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>72 miles</u>	@	<u>3.00</u>
PLUG	<u>8 5/8 SURFACE</u>	@	<u>45.00</u>
		@	
		@	

TOTAL 731.00

CHARGE TO: HESS OIL CO.

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE LAVON R. URBAN

LAVON R. URBAN
PRINTED NAME

JOB LOG

ORDER NO. 70006

TICKET #	782107	TICKET DATE	01/12/2000
BDA / STATE	KS	WELL NAME	Libell
PSL DEPARTMENT	ZI	CUSTOMER REP / PHONE	JAMIE HESS - 785-731-5161
API / UWI #		JOB PURPOSE CODE	035
WELL TYPE		HES FACILITY (CLOSEST TO WELL SITE)	
01		Libell	

ORIGINAL

REGION	North America	NWA / COUNTRY	Mid Continent
MBU ID / EMP #	106322	EMPLOYEE NAME	D. P. Lane
LOCATION	Libell	COMPANY	Hess Oil
TICKET AMOUNT	\$16,141.34	WELL TYPE	01
WELL LOCATION	Grand City	DEPARTMENT	ZI
LEASE / WELL #	Tockell 3	SEC / TWP / RNG	1 23S 31W

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
D. P. Lane 106322	20	J. JACKSON 188624	5				
S. T. Cole 105953	20	BRIAN DAVIS	5				
J. Evans 212723	5.5						

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS (psi)		JOB DESCRIPTION/REMARKS
				T	C	Tbg	Csg	
	0900							Called For Job
	1200							on location rig Nipping down BOP Hold Safety
	1350							Meeting Set up pump truck
	1412							Rig up Csg Crew
	1620							Start Running Csg & Float Equip.
	1623							Csg on bottom
	1625							Hook up PIC & Circulating Iron
	1645							Start Circulating
	1646							then Circulating
	1648							Hook up to pump truck
	1649	2	10			8/2200		Job Procedure Sur 5 1/2 D.V. Art Stage
	1652	6	35.5			0/75		Pressure test lines
	1700					75/280		Start Mud Flush
	1702							Start Cement @ 15.7"
	1705	8	80					thin mixing Cement
	1714	8	38			0/120		Shut down & Release plug & Wash pumps & lines
	1715					120		Start Fresh water Displacement
	1720	2				129/230		Start Mud Displacement
	1730					475/15		Displacement Caught Cement
	1731					575/140		Slow down rate
	1735					1400/0		Plug landed
	1745							Release Start
	1750					0/1200		Drop D.V. opening tool
	2105							Pressure up to open D.V.
	2108	5						Give back to Rig
	2130	4	10					MIX FOR 2nd STAGE - THAW OUT.
	2145	6	108					CMT. ACCUMULATOR - RIG UP TO PLUG R? M HOLE
	2150	10.8				0/120		CEMENT RAT & MOUSE HOLE
	2207	45.5				6/250		START PUMPING SPACER 14 HEAD
						0/25		START MIXING & PUMPING SLURRY
						9/700		SHUT MANIFOLD - WASH UP TO PIT.
						1700		DISPLACE
								Bump Plug - BLEED OFF PSI
								FLOAT HOLD

JOB COMPLETE

JOB SUMMARY 70006

TICKET # 982103	TICKET DATE Nov. 12, 2000
BDA / STATE KS	COUNTY Jinney
PSL DEPARTMENT ZR	CUSTOMER REP / PHONE JAMIE HESS - RIG 785-731-5161
API / UWI #	JOB PURPOSE CODE 035
WELL TYPE 01	HES FACILITY (CLOSEST TO WELL SITE) Liberall

REGION North America	NWA / COUNTRY Mid Continent
MBU ID / EMP # MCA0101 106322	EMPLOYEE NAME D. McLane
LOCATION Liberall	COMPANY Hess Oil
TICKET AMOUNT 16,141.34	DEPARTMENT ZR
WELL LOCATION Garden City	SEC / TWP / RNG 1 23S 31W
LEASE / WELL Treckell 3	

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
D. McLane 106322	20	J. JACKSON 188624	8				
S. Tate 105953	20	BRIAN DAVIS	15				
J. Evans 212723	5.5						

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420995	120						
54038-77941	120						
52920-6610	60						
52947-77031	60						

Form Name _____ Type: _____
 Form Thickness _____ From: _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp: _____ Pressure _____
 Misc Data _____ Total Depth _____

DATE	CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	11-12-00	11-12-00	11-12-00	11/12
TIME	0900	1300	1848	2207

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Shoe Basket 5 1/2	1	
Float Shoe ISB 5 1/2	1	
Guide Shoes		
Centralizers 5 1/2	6	
Bottom Plug		
Top Plug Free Set 5 1/2	1	
Head PIC 5 1/2	1	
Packer		
Other D.V. 5 1/2	1	

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	14	5 1/2	KB	4855	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						SHOTS/FT.
Open Hole	D.V. @ 1845					
Perforations						
Perforations						
Perforations						

MATERIALS

Treat Fluid _____	Density _____	Lb/Gal
Disp. Fluid _____	Density _____	Lb/Gal
Prop. Type _____	Size _____	Lb.
Prop. Type _____	Size _____	Lb.
Acid Type _____	Gal. _____	%
Acid Type _____	Gal. _____	%
Surfactant _____	Gal. _____	In
NE Agent _____	Gal. _____	In
Fluid Loss _____	Gal/Lb _____	In
Gelling Agent _____	Gal/Lb _____	In
Fric. Red. _____	Gal/Lb _____	In
Breaker _____	Gal/Lb _____	In
Blocking Agent _____	Gal/Lb _____	
Perfpac Balls _____	Qty _____	
Other _____		
Other _____		
Other _____		
Other _____		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				See Job Log
TOTAL		TOTAL		

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	150	Premium	B	10% Calscal 10% Selt - 1% Haked-322 1/4" Stocole	1.33	15.7
	230	Mid Con	B	2% CC 1/4" Stocole	2.65	11.7
	20	Mid Con	B	2% CC 1/4" Stocole Rat & Mouse	2.65	11.7

Circulating _____ Displacement _____ Preflush: Gal-BBL _____ Type _____
 Breakdown _____ Maximum _____ Load & Bkdn: Gal-BBI _____ Pad: BBI-Gal _____
 Average _____ Frac Gradient _____ Treatment Gal-BBI _____ Disp: BBI-Gal **118-45**
 Shut In: Instant _____ 5 Min _____ 15 Min _____ Cement Slurr Gal-BBI **1st Stage 35.5 2nd Stage 109.5**
 Total Volume Gal-BBI **Rat & Mouse 9.4**

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE

[Signature]