

Rec'd
9.30.02

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 137'
City/State/Zip: McPherson, KS 6740
Purchaser: NCRA
Operator Contact Person: Bryan Hess
Phone: (620) 241-4640
Contractor: Name: Mallard JV, Inc.
License: 4958
Wellsite Geologist: James C. Hess

CONFIDENTIAL

API No. 15 - 135-24187-0000
County: Ness

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

W2 W2 NW Sec. 5 Twp. 16 S. R. 22 East West
1183 feet from N (circle one) Line of Section
330 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Janet Well #: 1

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. _____

Producing Formation: Cherokee Sand
Elevation: Ground: 2367' Kelly Bushing: 2372'
Total Depth: 4370' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 234 Feet
Multiple Stage Cementing Collar Used? Yes No
If Yes show depth set 1668 Feet

If Alternate II completion, cement circulated from 1668
feet depth to surface w/ 200 sx cmt.

8-12-02 8-18-02 9-6-02
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan AR 11 UP 1.25.05
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

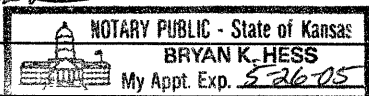
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: James H. Hess
Title: James H. Hess, Vice Pres. Date: 9-27-02

Subscribed and sworn to before me this 27th day of September, 2002

Notary Public: Bryan K. Hess
Date Commission Expires: _____



KCC Office Use ONLY

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

Operator Name: Hess Oil Company Lease Name: Janet Well #: 1
 Sec. 5 Twp. 16 S. R. 22 East West County: Ness

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 No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes No Cores Taken Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes No <i>(Submit Copy)</i> List All E. Logs Run: Dual Compensated Porosity, Dual Induction, Borehole Compensated Sonic	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:20%;">Log Name</th> <th style="width:50%;">Formation (Top), Depth and Datum</th> <th style="width:30%;">Sample Top Datum</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Log Name	Formation (Top), Depth and Datum	Sample Top Datum			
Log Name	Formation (Top), Depth and Datum	Sample Top Datum					

CASING RECORD <input checked="" 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#	234'	60/40 Poz	155	2% gel, 3% cc
Production	7-7/8"	5-1/2"	15.5#	4368'	EA-2	150	
					SMDC	200	

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 <input checked="" type="checkbox"/> Squeeze casing leak	Holes at: 1665-1700	standard	100	2% cc

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
3	4299'-4303'		

TUBING RECORD	Size <u>2-7/8"</u>	Set At <u>4275'</u>	Packer At	Liner Run	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
---------------	--------------------	---------------------	-----------	-----------	---------------------------------------------------------------------

Date of First, Resumed Production, SWD or Enhr. <u>9-7-02</u>	Producing Method	Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
------------------------------------------------------------------	------------------	--------------------------------------------------------------------------------------------------------------------------------

Estimated Production Per 24 Hours	Oil Bbls. <u>128</u>	Gas Mcf	Water Bbls. <u>0</u>	Gas-Oil Ratio	Gravity <u>39</u>
-----------------------------------	-------------------------	---------	-------------------------	---------------	----------------------

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 4299'-4303'
(If vented, Sumit ACO-18.) Other (Specify) _____

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

CONFIDENTIAL

ACO-1 Completion Form Attachment

KCC

Release

JAN 25 2005

SEP 27 2002

From

Janet #1
 137' N of W/2 W/2 NW, Section 5-16-22W
 Ness County, Kansas

CONFIDENTIAL

~~Confidential~~

Elevation: 2372' KB

<u>FORMATION</u>	<u>TOP</u>	<u>DATUM</u>	
Anhydrite	1709'	(+663')	sample
Base Anhydrite	1748'	(+624')	sample
Heebner	3723'	(-1351')	log
Toronto	3741'	(-1369')	log
Lansing	3760'	(-1388')	log
Stark Shale	3937'	(-1601')	sample
Base Kansas City	4022'	(-1650')	sample
Marmaton	4046'	(-1674')	sample
Pawnee	4123'	(-1751')	log
Fort Scott	4208'	(-1836')	log
Cherokee Shale	4231'	(-1859')	log
Mississippi	(none)		
RTD	4370'	(-1998')	

DST #1: Depth: 4215'-4310'. Times: 15-15- then pulled test. Blows: IF - strong blow off bottom of bucket in 30 sec; ISI - surface return built to 3". Recoveries: 180' GIP; 240' SGOCM (15% gas, 5% oil, 80% mud); 1560' CGO (40% gas, 60% oil.) Pressures: IH 2159#, IF 483-784#, ISI 1267#, FF ---, FSI ---, FH 2057#



CHARGE TO:
HESS OIL Co.
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
 No 4743

PAGE 1 OF 2

1. SERVICE LOCATIONS HESS CO2 KS	WELL/PROJECT NO. 1	LEASE JAWJET	COUNTY/PARISH NESS	STATE KS	CITY	DATE 8-19-02	OWNER SAME
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR MALCOLM DEARDIC		RIG NAME/NO.	SHIPPED VIA CT	DELIVERED TO LOCATION	ORDER NO.	
3. WELL TYPE OIL	WELL CATEGORY DEVELOPMENT	JOB PURPOSE 5'6" 2-STAGE LONGSTRAW	WELL PERMIT NO.	WELL LOCATION RAJSMJCT - 6E 3'2W ES			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE * 104	25		MI		2.50	62.50	
579		1			PUMP SERVICE - 2 STAGE	1	4369	JOB	FT	1500.00	1500.00	
281		1			MOD FLUSH	500		GA		.50	250.00	
221	KCC SEP 27 2002 CONFIDENTIAL	1			LIGUID KCL	3		GA		19.00	57.00	
407		1			INSERT FLOAT SHOE W/ AUTO FOLLOP	1		SA	5'2"	200.00	200.00	
402		1			CENTRALIZER	1		SA		40.00	40.00	
409		1			TURBOLEERS	5		EA		40.00	200.00	
403		1			CONCJT BASKET	1		SA		110.00	110.00	
408		1			DV TOOL & PLUG SET	1	1670	SA	FT	2000.00	2000.00	

CONFIDENTIAL

TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *[Signature]*
 DATE SIGNED: 8-19-02
 TIME SIGNED: 0100
 A.M.
 P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				*1	4419.50
WE UNDERSTOOD AND MET YOUR NEEDS?				*2	4400.19
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					8819.69
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	348.35
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	9168.04
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR
Wayne Wasen
 APPROVAL

Thank You!

CUSTOMER Hess Oil Co.	WELL NO. 1	LEASE JANET	JOB TYPE 5 1/2 2-STAGE LOWERING	TICKET NO. 4743
--------------------------	---------------	----------------	------------------------------------	--------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							ON LOCATION
	0030							START 5 1/2" CASING IN WELL TD - 4374' NO - 4369' SET @ 4369' 5 1/2" #1 FT 15.5
								SET - 15' CENTRATORS - 1, 2, 3, 4, 5 REGULAR 71 CMT BSRT - PEN 72 DU TOOL @ 1670' TOP JT # 72
	0245							DROP BALL - BREAK CIRCULATION
	0300	6	12				400	PUMP 10 BBL MUD FLUSH
		6	20				400	PUMP 20 BBL KCL - FLUSH
	0315	5	35.8				300	MIX 150 SWS EA-2 CMT W/ ADDITIVES
	0325							WASH OUT PUMP & LINES
	0327							RELEASE 1st STAGE SHUTOFF PLUG
	0330	6 1/2	0					DISPLACE PLUG (H ₂ O - 63.6 MUD - 40)
	0345	5	103.6				1200	PLUG DOWN (RELEASE TWICE - DID NOT HOLD)
	0350						800	RELEASE PST - HOLD SHUT IN
	0715							DROP DV OPENING PLUG
	0725						900	OPEN DV TOOL
	0730							CIRCULATE WELL (4 HRS)
	0800							PLUG RH-MH
		6	10					PUMP 10 BBL KCL - FLUSH
	0810	6 1/2	110.8				300	MIX 200 SWS SMD CMT W/ ADDITIVES
								WASH OUT PUMP & LINES
								RELEASE 2nd STAGE CLOSING PLUG
	0835		0					DISPLACE PLUG
	0840		39.7				1500	PLUG DOWN - PST UP CLOSE DV TOOL
	0845						OK	RELEASE PST - HOLD
								CIRCULATED 30 SWS CMT TO PST ✓
								WASH UP
								PACK UP
								THANK YOU
								WALK AWAY SHAK
	0930							JOB COMPLETE

Release
JAN 25 2005

From

KCC

SEP 27 2002

CONFIDENTIAL

ORIGINAL



CHARGE TO:
Hess Oil Co.
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET No 4777

PAGE 1 OF 1

SERVICE LOCATIONS

1. **NESS COOKS**

WELL/PROJECT NO. **# 1** LEASE **TAJET** COUNTY/PARISH **NESS** STATE **Ks** CITY **NESS** DATE **9-3-02** OWNER **SAME**

TICKET TYPE SERVICE SALES CONTRACTOR **CHEYENNE WELL SERVICE** RIG NAME/NO. **LOCATION** SHIPPED VIA **CT** DELIVERED TO **LOCATION** ORDER NO.

WELL TYPE **oil** WELL CATEGORY **DEVELOPMENT** JOB PURPOSE **SQUEEZE CASING LEAK** WELL PERMIT NO. WELL LOCATION **RANSOM JCT - 6E, 3 1/2 W, ES**

REFERRAL LOCATION INVOICE INSTRUCTIONS

Release
JAN 26 2003
From
Confidential

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE # 104	20		ME		2.50	50.00
577		1			PUMP SERVICE	1		JOB		700.00	700.00
325		1			STANDARD COMPT	100		SKS		6.75	675.00
278		1			CALCIUM CHLORIDE	2		SKS		25.00	50.00
582		1			MEDIUM DRAVAGE CHARGE	9560		lbs	95.67M	100.00	100.00
581		1			SERVICE CHARGE COMPT	100		SKS		1.00	100.00

KCC
SEP 27 2002
CONFIDENTIAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *[Signature]*

DATE SIGNED **9-3-02** TIME SIGNED **1300** A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1675.00
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX 38.43
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL 1713.43
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR **WAVE WASON** APPROVAL

Thank You!

CUSTOMER **Hess Oil Co.** WELL NO. **#1** LEASE **JANET** JOB TYPE **SQUEEZE CASING LEAK** TICKET NO. **4777**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							ON LOCATION KCC SEP 27 2002
								2 7/8 x 5 1/2 DU TOOLE 1668 CONFIDENTIAL PUR e 1700' - TUB HEADS PUR e 1665' - TUB LEAK
	1315	4	6		✓		800	INJECTION RATE PULL NBRG ORDR CMT 100 SKS STD 2%cc
	1445							START PACKER IN WELL
	1530				✓		1000	PUR e 1700' - HEAD Release
	1540	4	4		✓		800	PUR e 1665' - LEAK 11/11/05
	1555						500	PUR e 1597' SQUEEZE PSE ANJULUS - SHUT IN From Confid. Hal
	1600		21		✓			MOC 100 SKS CMT
	1614							WASH OUT PUMP - LEAKS
	1615	1 1/2	0		✓		500	START DISPLACEMENT
		1 1/2	7		✓		1250	"
		1 1/2	9.2		✓		1300	" PER CLEAR
	1625	1 1/2	9.7		✓		1300	" SHUT DOWN
	1630						500	HOLDING PSE - SHUT IN
								WASH UP TRUCK
	1655		9.8		✓		650	STAGE
	1700		9.8		✓		950	"
	1705		9.9		✓		1200	"
	1715				✓	✓	1200 500	RELEASE PSE - HEAD
	1720	3	12		✓		250	REVERSE CLEAN
	1725				✓	✓	1000 1000	RE-PSE SQUEEZE - HEAD
	1730							RELEASE PSE - HEAD (DR)
								PULL NBRG OUT WELL
	1800							JOB COMPLETE
								THANK YOU WARJE, DUSTY, SDAJE

