

KCC

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

SEP 18 2002

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL  
5663

CONFIDENTIAL

09-20-2002  
SEP 20 2002  
KCC WICHITA 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: (620) 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. \_\_\_\_\_

7/8/02 7/14/02 7/30/02  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 135-24184-0000

County: Ness

Appx. N2\_NE\_SE Sec. 6 Twp. 16 S. R. 22  East  West

2163 feet from (S) (circle one) Line of Section

506 feet from (E) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW

Lease Name: Wanda Well #: 1

Field Name: \_\_\_\_\_

Producing Formation: Cherokee Sand

Elevation: Ground: 2473' Kelly Bushing: 2378'

Total Depth: 4400' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 204 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 1667 Feet

If Alternate II completion, cement circulated from 1667

feet depth to surface w/ 200 sx cmt.

Drilling Fluid Management Plan File 11 09-23-02  
(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

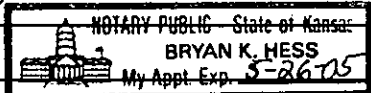
Title: James H. Hess, Vice Pres Date: Sept. 18, 2002

Subscribed and sworn to before me this 18th day of September 2002

19 Bryan K. Hess

Notary Public: \_\_\_\_\_

Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received SEP 18 2002  
 Geologist Report Received  
 UIC Distribution

Operator Name: Hess Oil Company Lease Name: Wanda Well #: 1  
 Sec. 6 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 (Attach Additional Sheets)  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 (Submit Copy)  List All E. Logs Run:  Dual Induction, Dual Compensated Porosity, Borehole Compensated Sonic, Microresistivity	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Log</td> <td style="width:60%;">Formation (Top), Depth and Datum</td> <td style="width:25%;">Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> </table>	Log	Formation (Top), Depth and Datum	Sample	Name	Top	Datum
Log	Formation (Top), Depth and Datum	Sample					
Name	Top	Datum					

CASING RECORD <input checked="" type="checkbox"/> New 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"	23#	204'	60/40 poz	140	2% gel, 3% cc
Production	7-7/8"	5-1/2"	14#	4390'	EA-2	150	
					& SMDC	200	1/4# floeal

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
5	4321' - 4322.5'		

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	<input checked="" type="checkbox"/> No	
		2-7/8"	4243'					
Date of First, Resumed Production, SWD or Enhr.			Producing Method					
7-31-02			Flowing		<input checked="" type="checkbox"/> Pumping	Gas Lift	Other (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	37				223		40	

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Other (Specify) \_\_\_\_\_

Production Interval  Dually Comp.  Commingled 4321'-4322.5'

# ALLIED CEMENTING CO., INC.

7839

Federal Tax I.D. #

REMIT TO

**CONFIDENTIAL**  
P.O. BOX 1  
RUSSELL KANSAS 67660

SERVICE POINT:

*Hess City*

**ORIGINAL**

DATE <i>7-8-02</i>	SEC. <i>6</i>	TWP. <i>16</i>	RANGE <i>22W</i>	CALLED OUT <i>8:39 pm</i>	ON LOCATION <i>11:32 pm</i>	JOB START <i>11:42 pm</i>	JOB FINISH <i>12:00 am</i>
LEASE <i>Wanda</i>		WELL # <i>#1</i>	LOCATION <i>Brownell-2 1/2 West -</i>		COUNTY <i>Hess</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)			<i>3 north - 1/2 West - north &amp; East side</i>				

CONTRACTOR *Mallard Delg*

TYPE OF JOB *Surface V*

HOLE SIZE *12 1/4* T.D. *204'*

CASING SIZE *8 5/8* DEPTH *203'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *approx 15'*

PERFS.

DISPLACEMENT *12 1/2 BBLs*

EQUIPMENT

PUMP TRUCK CEMENTER *Jack*

# *224* HELPER *Tim*

BULK TRUCK

# *341* DRIVER *Harry*

BULK TRUCK

# DRIVER

OWNER *Hess Oil Co.*

CEMENT AMOUNT ORDERED *140 sy 60% 34 2*

COMMON	<i>84</i>	@ <i>6.65</i>	<i>558.60</i>
POZMIX	<i>56</i>	@ <i>3.55</i>	<i>198.80</i>
GEL	<i>2</i>	@ <i>10.00</i>	<i>20.00</i>
CHLORIDE	<i>5</i>	@ <i>30.00</i>	<i>150.00</i>
		@	
		@	
		@	
		@	
		@	
HANDLING	<i>140</i>	@ <i>1.10</i>	<i>154.00</i>
MILEAGE	<i>22</i>		<i>123.20</i>
TOTAL			<i>\$1204.60</i>

REMARKS:

*Pipe on bottom - Cement with 140 sy cement - Displace with 12 1/2 BBLs fresh water - Cement Sid Circ.*

*Thanks*

SERVICE

DEPTH OF JOB *203'*

PUMP TRUCK CHARGE *520.00*

EXTRA FOOTAGE @

MILEAGE *22* @ *3.00* *66.00*

PLUG *1-8 5/8 Wood* @ *45.00* *45.00*

@

@

TOTAL *\$631.00*

CHARGE TO: *Hess Oil Co.*

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SEP 20 2002

KCC WICHITA

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 *- 0 -*

TOTAL CHARGE *\$1835.60*

DISCOUNT *\$183.56* IF PAID IN 30 DAYS

SIGNATURE *Kirk Urban*

*Kirk Urban*

PRINTED NAME

*Net \$1652.04*



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

SEP 20 2002  
 KCC WICHITA

TICKET No. 4683

PAGE 1 OF 2

CONFIDENTIAL

SERVICE LOCATIONS 1. <i>Ness City, KS</i>	WELL/PROJECT NO. #1	LEASE <i>Wanda</i>	COUNTY/PARISH <i>Ness</i>	STATE <i>Ks.</i>	CITY	DATE <i>7-15-02</i>	OWNER <i>Same</i>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Mattard Oil</i>	RIG NAME/NO.	SHIPPED VIA <i>BIT</i>	DELIVERED TO <i>Location</i>	ORDER NO.	
3.	WELL TYPE <i>Oil</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>Cond. 5 1/2" Prod. Csg.</i>	WELL PERMIT NO.	WELL LOCATION <i>Sec 6-16<sup>s</sup>-22<sup>w</sup></i>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #103	25	mi			2.50	62.50
579		1			Pump Service	1	ea			1,500.00	1,500.00
407		1			Insert Float Shoe	1	ea	5 1/2	in	200.00	200.00
402		1			Centralizers	6	ea	5 1/2	in	40.00	240.00
403		1			Cement Basket	1	ea	5 1/2	in	110.00	110.00
408		1			D.V. Tool + Plug Set	1	ea	5 1/2	in	2,000.00	2,000.00
281		1			Mud Flush	500	gal			.50	250.00
221		1			KCL	2	gal			19.00	38.00
		1			See Continuation						4337.00

**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

*[Signature]*  
 DATE SIGNED: *7-15-02* TIME SIGNED:  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
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	738	30
TAX	344	06
TOTAL	9082	36

ORIGINAL

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

SWIFT OPERATOR *[Signature]* APPROVAL

Thank You!



PO Box 466  
Ness City, KS 67560  
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 4683

CUSTOMER *Hess Oil Co* WELL *Wanda #1* DATE *7-15-02* PAGE *2* OF *21*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	UM		
325		1				Standard Cement	150	sk	6.75	1012.50
284		1				Calseal	7	sk	25.00	175.00
283		1				Salt	750	#	15.00	112.50
286		1				Haled	71	#	5.25	372.75
276		1				Flocele	90	#	9.00	81.00
330		1				SmDC	200	sk	9.50	1,900.00
581		1				SERVICE CHARGE			1.00	350.00
583		1				IMAGE CHARGE			75.00	334.05

CONFIDENTIAL

SEP 13 2002

ORIGINAL

CONTINUATION TOTAL 4,337.80

JOB LOG

CONFIDENTIAL

SWIFT Services, Inc. ORIGINAL

DATE 7-15-02 PAGE NO. 7

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Hess Oil Co.		#1		Wanda		Long String		4683	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	2300								On loc.
	2400								KCC Start in hole with 5 1/2" Csg.
									SEP 10 2002 Insert float shoe
									CONFIDENTIAL Cent. on #1, #2, #3, #4, #5 #66 Basket #67
									O.V. tool #67 @ 1667'
	0130								Drop Ball Circulate with Rig pump
	0230		12						Pump 12 <sup>SS</sup> Mud Flush
		5	36						MIX 150 sks EA-2, 1/4" Flucck Finished mixing wash out Pump & Line
	0250								Displ. shut off plug
		6							54 <sup>SS</sup> water, 53 <sup>SS</sup> mud 107 total
	0305						1,500		Plug down 1,500 psi holding Release. Dried up
									Drop opening plug
	0330						1,000		Open D.V. tool 1,000 psi wash up faucet
									Cir. with Rig pump
	0700								Plug main hole & Rat hole
	0710		20						Pump 20 <sup>SS</sup> 2% KCL
			110						MIX 200 sks SMOG
	0735								Finished mixing
			40						Displ. closing plug
	0745						1,500		Plug down 1,500 psi Holding Release press. D.V. Closed Circulated Cent. to pit Wash and rack up tool JAS Complete

SEP 10 2002  
MIX EA-2  
SMOG

Frank R. Lee  
JAS

CONFIDENTIAL

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

ACO-1 Completion Form Attachment

KCC

SEP 18 2002

SEP 20 2002

CONFIDENTIAL

KCC WICHITA

Wanda #1  
Approx. N/2 NE SE, Section 6-16-22W  
Ness County, Kansas

Sample Tops:

<u>FORMATION</u>	<u>TOP</u>	<u>DATUM</u>
Anhydrite	1713'	(+665')
Base Anhydrite	1752'	(+626')
Heebner	3732'	(-1354')
Toronto	3754'	(-1376')
Lansing	3770'	(-1392')
Stark Shale	3986'	(-1608')
Base Kansas City	4038'	(-1660')
Marmaton	4066'	(-1688')
Pawnee	4136'	(-1758')
Fort Scott	4218'	(-1840')
Cherokee Shale	4244'	(-1866')
Mississippi	4380'	(-2002')
RTD	4400'	(-2022')

DST #1: Depth: 4242'-4337'. Times: 30-45-30-45. Blows: IF - fair to strong off bottom in 11 min; FF - fair return buildt to 10". Recoveries: 60' SOCM (5% oil, 95% mud); 180' GWMCO (30% gas, 40% oil, 20% wtr, 10% mud); 310' GOWCM (15% gas, 5% oil, 30% str, 50% mud); 310' MCW (10% gas, tr oil, 70% wtr, 20% mud.) Pressures: IH 2117#, IF 38-255#, ISI 1268#, FF 254-380#, FSI 1264#, FH 2077#

170000  
NOV 08 2002  
KCC