

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: (620) 241-4640  
Contractor: Name: Mallard JV, Inc.  
License: 4958  
Wellsite Geologist: James C. Hess

RECEIVED

FEB 24 2004

KCC WICHITA

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. \_\_\_\_\_

<u>10-27-03</u>	<u>11-3-03</u>	<u>11-25-03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22241-00-00  
County: Trego  
SW SW NW Sec. 21 Twp. 15 S. R. 22  East  West  
2250 feet from ~~E~~ / (N) (circle one) Line of Section  
330 feet from ~~E~~ / (W) (circle one) Line of Section

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

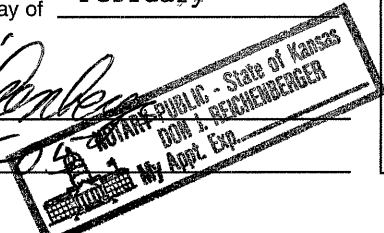
Field Name: \_\_\_\_\_  
Producing Formation: Cherokee Sand  
Elevation: Ground: 2256' Kelly Bushing: 2261'  
Total Depth: 4300' Plug Back Total Depth: 4246'  
Amount of Surface Pipe Set and Cemented at 235 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1571 Feet  
If Alternate II completion, cement circulated from 1571  
feet depth to surface w/ 180 \_\_\_\_\_ sx cmt.  
*ALT II WITHIN 9-27-06*

**Drilling Fluid Management Plan**  
(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.: \_\_\_\_\_

**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: 12-23-04  
Subscribed and sworn to before me this 23 day of February  
20 04  
Notary Public: *Don J. Rechenberger*  
Date Commission Expires: 11-5-09



**KCC Office Use ONLY**  
NO Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
YES Wireline Log Received  
YES Geologist Report Received  
\_\_\_\_ UIC Distribution

X

Operator Name: Hess Oil Company Lease Name: June Well #: 1  
 Sec. 21 Twp. 15 S. R. 22  East  West County: Trego

**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  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

List All E. Logs Run:

Dual Compensated Porosity, Dual Induction,  
 Borehole Compensated Sonic

CASING RECORD <input checked="" type="checkbox"/> New <input 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"	23#	235'	60/40 poz	165	2% gel, 3% cc
Production	7-7/8"	5-1/2"	15.5#	4296'	EA-2	150	
				(2nd stage)	SMDC	180	

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
3	4220'-4228'	350 gal. 15% HCl acid	
6	4202'-4204'	Squeezed all perms w/25 sacks common	
8	4202'-4206'	300 gal. 15% NE FE acid	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	4175'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
12-1-03	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	15		2		37

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)  
 METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled 4202'-4206'  
 Other (Specify) \_\_\_\_\_

# HESS OIL COMPANY

ORIGINAL

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

## ACO-1 Completion Form Attachment

June #1  
60' N of SW SW NW, Section 21-15-22W  
Trego County, Kansas

RECEIVED  
FEB 24 2004  
KCC WICHITA

Elevation: 2261' KB

<u>FORMATION</u>	<u>LOG TOP</u>	<u>DATUM</u>
Anhydrite	1610'	(+651') (sample)
Base Anhydrite	1653'	(+608') (sample)
Heebner	3612'	(-1351')
Toronto	3634'	(-1373')
LKC	3654'	(-1393')
Stark Shale	3872'	(-1611')
Base KC	3921'	(-1660')
Marmaton	3952'	(-1691')
Pawnee	4020'	(-1759')
Fort Scott	4104'	(-1843')
Cherokee Sand	4202'	(-1941')
Cherokee Shale	4226'	(-1865')
Mississippian	4240'	(-1979')
RTD/LTD	4300'	(-2039')

DST #1: Depth: 4125'-4210'. Times: 30-45-30-45. Blows: IF - weak to strong in 5 min; FF - weak to strong in 10 min; ISI - weak 1/2" blow; FSI - weak 1/4" blow. Recoveries: 186' MGO (20% gas, 60% oil, 20% mud), 186' MGO (20% gas, 70% oil, 10% mud), 598' clean oil, 310' GIP. Pressures: IH 1963#, IF 49-243#, ISI 1198#, FF 264-373#, FSI 1183#, FH 1939#

DST #2: Depth: 4210'-4220'. Times: 30-30-0-0. Blows: IF - weak surface blow throughout. Recoveries: 5' Mud. Pressures: IH 2033#, IF 11-15#, ISI 1314#, FF none, FSI none, FH 1982#

# HESS OIL COMPANY

15.195.22241.00 00

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

(Corrected Tops)

ACO-1 Completion Form Attachment

June #1

60' N of SW SW NW, Section 21-15-22W  
Trego County, Kansas

Elevation: 2261' KB

RECEIVED

APR 05 2004

KCC WICHITA

<u>FORMATION</u>	<u>LOG TOP</u>	<u>DATUM</u>
Anhydrite	1610'	(+651') (sample)
Base Anhydrite	1653'	(+608') (sample)
Heebner	3612'	(-1351')
Toronto	3634'	(-1373')
LKC	3654'	(-1393')
Stark Shale	3872'	(-1611')
Base KC	3921'	(-1660')
Marmaton	3952'	(-1691')
Pawnee	4020'	(-1759')
Fort Scott	4104'	(-1843')
Cherokee Shale	4126'	(-1865')
Cherokee Sand	4202'	(-1941')
Mississippian	4240'	(-1979')
RTD/LTD	4300'	(-2039')

DST #1: Depth: 4125'-4210'. Times: 30-45-30-45. Blows: IF - weak to strong in 5 min; FF - weak to strong in 10 min; ISI - weak 1/2" blow; FSI - weak 1/4" blow. Recoveries: 186' MGO (20% gas, 60% oil, 20% mud), 186' MGO (20% gas, 70% oil, 10% mud), 598' clean oil, 310' GIP. Pressures: IH 1963#, IF 49-243#, ISI 1198#, FF 264-373#, FSI 1183#, FH 1939#

DST #2: Depth: 4210'-4220'. Times: 30-30-0-0. Blows: IF - weak surface blow throughout. Recoveries: 5' Mud. Pressures: IH 2033#, IF 11-15#, ISI 1314#, FF none, FSI none, FH 1982#

ORIGINAL

# ALLIED CEMENTING CO., INC. 42892

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

SERVICE POINT:  
Hess City

DATE <u>10-27-03</u>	SEC. <u>21</u>	TWP. <u>15</u>	RANGE <u>22 W</u>	CALLED OUT <u>7:00 pm</u>	ON LOCATION <u>10:00 pm</u>	JOB START <u>10:30 pm</u>	JOB FINISH <u>11:00 pm</u>
LEASE <u>June</u>	WELL # <u>#1</u>	LOCATION <u>Highway 4 &amp; 147 - 6 north -</u>			COUNTY <u>Trego</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>3 west - South into -</u>				

CONTRACTOR Mallard Dalg  
 TYPE OF JOB Surface Pipe  
 HOLE SIZE 12 1/4 T.D. 235  
 CASING SIZE 8 5/8 DEPTH 235  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 14 1/2 BBLs

OWNER Hess Oil Co.  
 CEMENT  
 AMOUNT ORDERED 165 sx 60/60 342

COMMON	<u>99 gal</u>	@	<u>7.15</u>	<u>707.95</u>
POZMIX	<u>66 gal</u>	@	<u>3.80</u>	<u>250.80</u>
GEL	<u>3 gal</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>5 gal</u>	@	<u>30.00</u>	<u>150.00</u>

### EQUIPMENT

PUMP TRUCK CEMENTER Jack  
 # 274 HELPER Jim  
 BULK TRUCK  
 # 341 DRIVER Steve  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

HANDLING	<u>173.44</u>	@	<u>1.15</u>	<u>198.95</u>
MILEAGE	<u>173.40</u>	@	<u>20</u>	<u>173.00</u>

RECEIVED TOTAL 1510.60

FEB 24 2004

### REMARKS:

KCC WICHITA

SERVICE

Run 5 jts of 8 5/8 csg-cement with  
165 sx cement. Dis place plug with  
14 1/2 BBLs of fresh water -  
Cement did line

DEPTH OF JOB	<u>235 ft</u>			
PUMP TRUCK CHARGE				<u>520.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>20</u>	@	<u>3.50</u>	<u>70.00</u>
PLUG	<u>1-8 5/8 Wood</u>	@	<u>45.00</u>	<u>45.00</u>

Thanks

TOTAL 635.00

CHARGE TO: Hess Oil Company  
 STREET P.O. Box 1009  
 CITY McPherson STATE KS ZIP 67460

### FLOAT EQUIPMENT

_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____

# SWIFT SERVICES, INC.

PO BOX 466

NESS CITY, 67560-0466

# ORIGINAL Invoice

DATE	INVOICE #
11/3/03	6100

BILL TO
Hess Oil Company PO Box 1009 McPherson, KS 67460-1009

RECEIVED  
FEB 24 2004  
KCC WICHITA

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Operator	Job Purpose
Net 30	# 1	June	Trego	Mallard Drilling	Oil	Development	Wayne	5 1/2" - 2 Sta...
PRICE REFERE...	DESCRIPTION				QTY	UNIT PRICE	AMOUNT	
575D	Milage				30	2.50	75.00	
579D	Pump Service Two-Stage				1	1,500.00	1,500.00	
221	Liquid KCL				4	19.00	76.00T	
281	Mud Flush				500	0.60	300.00T	
407-5	5 1/2" Insert Float Shoe with Auto Fill				1	230.00	230.00T	
409-5	5 1/2" Turbolizers				5	54.00	270.00T	
402-5	5 1/2" Centralizers				1	44.00	44.00T	
403-5	5 1/2" Cement Basket				1	125.00	125.00T	
408-5	5 1/2" D.V. Tool & Plug Set				1	2,150.00	2,150.00T	
325	Cement				150	7.00	1,050.00T	
330	Swift Multi-Density				180	9.75	1,755.00T	
276	Flocele				83	0.90	74.70T	
283	Salt				750	0.15	112.50T	
284	Calseal				7	25.00	175.00T	
285	CFR-1				71	2.75	195.25T	
581D	Service Charge Cement				330	1.00	330.00	
583D	Drayage				502.71	0.85	427.30	
	Subtotal						8,889.75	
	Sales Tax					5.30%	347.54	
<b>Thank you for your business.</b>						<b>Total</b>	<b>\$9,237.29</b>	

6403  
NOV 24 PAID

JOB LOG

SWIFT Services, Inc. ORIGINAL

DATE 11-3-03 PAGE NO. 7

CUSTOMER **HESS OZZ CO.** WELL NO. **#1** LEASE **THRE** JOB TYPE **5 1/2" 2-STAGE LONGSPOG** TICKET NO. **6100**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0500							ON LOCATION
								TD - 4300' SET 4294
								TP - 4294' 5 1/2 #/IN 15.5
								ST - 42'
								TURBO CONTRACTORS - 1, 2, 3, 4, 5
								REGMAR 64
								BASKET - P265
								DJ TOOL = 1571 TOP ST # 65
	0600							START 5 1/2" CASING IN WELL
	0750							DROP BALL - CIRCULATE
	0820	6	12		✓		400	500 GAL MUD FLUSH
	0822	6	20		✓		400	20 BBL KCL FLUSH
	0830	5 1/2	36		✓		300	MIX CONWT - 150 SKS EA-2
	0838							WASH OUT PUMP - LINES
	0838							RELEASE 1ST STAGE PLUG
	0840	6 1/2	0		✓			DISPLACE PLUG
	0856	5 1/2	101.2				1250	PLUG DOWN - RELEASE PSE - HELA
	0900				✓			DROP DJ OPERING PLUG
	0915						1200	OPEN DJ TOOL
								CIRCULATE WELL 4 HRS
	1300							PLUG RH-MH
	1305	6	20/100		✓		300	20 BBL KCL FLUSH - MIX CONWT 180 SKS SMC
	1330							WASH OUT PUMP - LINES
	1330							RELEASE D.V. CROWD PLUG
	1331	6	0		✓			DISPLACE PLUG
	1337	5	37.4				500	PLUG DOWN
	1337						1750	PSE EXP - CLOSE DJ TOOL
	1340							RELEASE PSE
	1430							CIRCULATED 20 SKS CONWT TO POT
								WASHUP
	1430							JOB COMPLETE

RECEIVED  
FEB 24 2004  
KCG WICHITA

THANK YOU  
WAVE, JUSTY, JASON