

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form KCO-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 _____
 Operator Contact Person Bryan Hess
 Phone 620 241-4640
 Contract Name Mallard JV, Inc. **RECEIVED**
 Lease # 4958
 Well(s) to be completed James C. Hess **NOV 13 2003**
 Designate Type of Completion **KCC WICHITA**
 New Well _____ Re-Entry _____ Workover _____
 _____ Oil _____ SWD _____ SIGW _____ Temp. Abat. _____
 _____ Gas _____ EWHH _____ SIGW _____
 Dry _____ Other (Dry, WSW, Excl., Gathrod, etc) _____
 If Workover/Re-Entry, Old Well info as follows:
 Operator _____
 Well Name _____
 Original Completion Date _____ Original Date Expn. _____
 _____ Deepening _____ Perfor. _____ Crew to Enhance SWD _____
 _____ Plug Back _____ Plug Back Total Depth _____
 _____ Cemented _____ Docket No. _____
 _____ Dual Completion _____ Docket No. _____
 _____ Other (Specify Completion) _____ Docket No. _____
 _____ **10-3-03** _____ **10-8-03** _____ **10-8-03** _____
 Start Date of Production (Date) _____ Date Reservoir TD _____ Completion Date or _____
 Recurrence Date _____ Recurrence Date _____

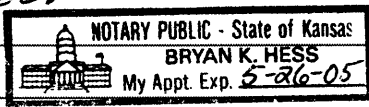
API No. is 135-24241-00-00
 County Ness
 App S2 NW SE Sec. 1 Twp. 16 S. R. 23 East West
1630 feet from S ~~E~~ (circle one) Line of Section
1880 feet from E ~~N~~ (circle one) Line of Section
 Footage Calculator from: Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name Eva Y/U # 1
 Field Name _____
 Producing Formation _____
 Elevation: Ground 2369' Kelly Builing 2374'
 Total Depth 4403' 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 at _____ Feet
 If a termite at completion, cement calculated from _____
 to depth to _____ w/ _____ ex. pit.

Drilling Fluid Management Plan *Page 11-17-03*
(Data must be collected from the Reserve Pit)
 Chloride content _____ ppm Fluid volume _____ bbls
 Dewatering method used evaporation
 Location of fluid disposal if hauloff site _____
 Operator Name _____
 Lease Home _____ 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 start date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-136 and 82-3-107 apply. Information on slide 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 plugback wells. Submit CP 111 form with all temporarily abandoned wells.

All requirements of the rules, orders 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 Dick Hess
 Title Dick Hess, President Date 11-10-03
 Subscribed and sworn to before me this 10th day of November, 2003
 By Bryan Hess
 Notary Public _____
 Date Commission Expires _____



KCC Office Use ONLY

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

Operator Name: Hess Oil Company Lease Name: Eva Well # 1
 Sec 1 Two 16 S R 23 East West County: Ness

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report on 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 for Petrological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E-Log Run

Log Formation (Top) Depth and Datum Sample

Name	Top	Datum
Anhydrite	1719	+655
Base Anhydrite	1755	+619
Heebner	3734	-1360
Toronto	3757	-1383
Lansing	3772	-1398
Stark Shale	4002	-1628
Base Kansas City	4052	-1678
Marmaton	4083	-1709
Pawnee	4154	-1780
Fort Scott	4237	-1863
Cherokee Shale	4261	-1887
Mississippi	4358	-1984
RTD	4400	-2026
LTD	4403	-2029

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report a change in size or section, or material, location, etc.							
Purpose of String	Size Hole (Inch)	Size Casing (Section ID)	Weight (Lbs./ft.)	Setting Depth	Type of Cement	# Sacks Used	Type of Primary Additives
Surface	12-1/4"	8-5/8"	23#	234'	60/40 poz	165	2% gel, 3% cc

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose	Depth Interval	Type of Cement	# Sacks Used	Type and Percent Additives
Permeate				
Isolate casing				
Plug below				
Plug out zone				

Strat. Interval	PERFORATION RECORD - Bridge Plug, Seal Type Specify Footage of Each Interval Perforated	Acid Fracture, Show Cement, Squeeze Record (Amount and Kind of Material Used)	Depth
KANSAS CORPORATION COMMISSION			
NOV 13 2003			
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LUBING RECORD Size Or At Packer At Log Run Yes No

Date of First Business Production: SWD or Engr. Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls Gas Mcf Water Bbls Gas-Oil Ratio Gravelly

Direction of Gas METHOD OF COMPLETION Production Interval

Vented Shut Used on Lease Open Part Daily Comp Confinement
 (If vented, Submit ACO-18.) Other (Specify)

ALLIED CEMENTING CO., INC. 12909

Federal Tax I.D.#

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

SERVICE POINT:

API. 15-135-24241-00-50 ORIGINAL Great Earth

DATE 10-3-03	SEC 1	TWP 16	RANGE 23W	CALLED OUT 11:00 pm	ON LOCATION 6:00 pm	JOB START 6:15 pm	JOB FINISH 6:45 pm
LEASE Eva	WELL# #1	LOCATION Council - 3 1/2 west				COUNTY Ness	STATE KS
OLD OR NEW (Circle one)		3/4 north - west into					

CONTRACTOR Mallard

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 234

CASING SIZE 8 3/8 DEPTH 234

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. approx 14 EBL's

PERFS.

DISPLACEMENT 14 EBL's

EQUIPMENT

OWNER Hess Oil

CEMENT AMOUNT ORDERED 11.5 cu yds 3+2-

PUMP TRUCK # <u>120</u>	CEMENTER <u>Jack</u>
BULK TRUCK # <u>341</u>	HELPER <u>F.O.</u>
BULK TRUCK #	DRIVER <u>Steve</u>
BULK TRUCK #	DRIVER

COMMON	@
POZMIX	@
GEL	@
CHLORIDE	@
	@
	@
	@
	@
	@
	@
HANDLING MILEAGE	@

RECEIVED TOTAL

NOV 13 2003

KCC WICHITA SERVICE

REMARKS:
Run 8 3/8 casing - Big was OK
when we started - took up to 8 3/8
cement with 11.5 cu cement - Displace
plug with 14 EBL's of Fresh Water
A Cement Oil Cure ✓

DEPTH OF JOB	
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	@
PLUG	@
	@
KANSAS CORPORATION COMMISSION	@

NOV 13 2003

RECEIVED TOTAL

CHARGE TO: Hess Oil

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

	@
	@
	@
	@
	@

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment

TOTAL

ALLIED CEMENTING CO., INC. 12815

Federal Tax I.D.# [REDACTED]

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

ORIGINAL SERVICE POINT: Ness City

APL 15-135-24241-00-00

DATE <u>12-8-13</u>	SEC.	TWP.	RANGE	CALLED OUT <u>1:00 PM</u>	ON LOCATION <u>3:00 PM</u>	JOB START <u>3:45 PM</u>	JOB FINISH <u>5:45 PM</u>
LEASE <u>EVA</u>	WELL # <u>1</u>	LOCATION <u>Brownell 3 1/2 W 35 N 12</u>			COUNTY <u>NESS</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>3/4 S/E</u>			

CONTRACTOR Michael D. Inc.

TYPE OF JOB FOOTY PLUG

HOLE SIZE 7 7/8" T.D. 4400'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2" DEPTH 1800

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER Hess Oil

CEMENT AMOUNT ORDERED 245AL 60/40 For 12% 1/4" T.D. SEAL

COMMON	@	_____
POZMIX	@	_____
GEL	@	_____
CHLORIDE	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
HANDLING	@	_____
MILEAGE	@	_____

EQUIPMENT

PUMP TRUCK CEMENTER BUD

224 HELPER Jim

BULK TRUCK DRIVER Don Dugan

344

BULK TRUCK DRIVER _____

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KGC WICHITA SERVICE

REMARKS:

1st Plug 1800' 2 1/2" 60/40 For 12% FS

2nd Plug 1100' 80/40 " " " "

3rd Plug 550' 40 AM " " " "

4th Plug 250' 40 AM " " " "

5th Plug 150' 10 SK " " " "

6th Plug 15 AL " " " "

Moore's Hole D R4 " " " "

DEPTH OF JOB 1800'

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE @ _____

PLUG 1-250' DHP @ _____

_____ @ _____

_____ @ _____

CHARGE TO: Hess Oil Co.

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment

TOTAL _____

HESS OIL COMPANY

225 N. Market, Suite 300
Wichita, Kansas 67202

(316) 263-2243

RECEIVED
NOV 13 2003
KCC WICHITA

GEOLOGICAL REPORT

EVA #1

1630' FSL, 1880' FEL of

SECTION 1 - 16S - 23W

NESS COUNTY, KANSAS

Commenced:	10 - 3 - 03	Elevations:	2369' GR, 2374' KB
Completed:	10 - 8 - 03	Surface Pipe:	8-5/8" at 234' KB
Contractor:	Mallard J.V.	Production Pipe:	none

One foot drilling time was kept from 1700' to 1800' KB and from 3600' to rotary total depth. Ten foot drilling samples (wet & dry) were kept from 3900' to RTD.

Following are sample tops, descriptions of zones of interest (including all shows of oil & gas), and the results of all drill stem tests.

<u>ANHYDRITE</u>	<u>1719</u>	<u>(+655)</u>
<u>BASE ANHYDRITE</u>	<u>1755</u>	<u>(+619)</u>

API. 15-135-24241 ORIGINAL
CO CO

HESS OIL COMPANY

225 N. Market, Suite 300
Wichita, Kansas 67202

(316) 263-2243

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KCC WICHITA

Eva #1
Page 2

<u>HEEBNER</u>	<u>3734</u>	<u>(-1360)</u>
<u>TORONTO</u>	<u>3757</u>	<u>(-1383)</u>
<u>LANSING</u>	<u>3772</u>	<u>(-1398)</u>
<u>STARK SHALE</u>	<u>4002</u>	<u>(-1628)</u>
<u>BASE KANSAS CITY</u>	<u>4052</u>	<u>(-1678)</u>
<u>MARMATON</u>	<u>4083</u>	<u>(-1709)</u>
<u>PAWNEE</u>	<u>4154</u>	<u>(-1780)</u>
<u>FORT SCOTT</u>	<u>4237</u>	<u>(-1863)</u>
<u>CHEROKEE SHALE</u>	<u>4261</u>	<u>(-1887)</u>
<u>4318-40' KB</u>		
		Lots of red & green shales, pieces of various colored cherts, some white to grey very finely crystallin - chalky limestone. No sand, No porosity, No show.
<u>4340-58' KB</u>		
		Clear to green, medium grained, well rounded, well sorted, sandstone clusters. Fair amount of glauconite crystals. Fair Porosity, No odor, No show !
<u>MISSISSIPPI</u>	<u>4358</u>	<u>(-1984)</u>
<u>ROTARY TOTAL DEPTH</u>	<u>4400</u>	<u>(-2026)</u>

Due to the lack of any oil shows or odor, it was decided to log and plug the Eva #1 without any drill stem tests. A full set of Dual Compensated Porosity, Dual Induction, and Sonic logs were run. While the logs did show some sand & conglomerate from 4344' to 4361' KB, the correct decision was made to plug the Eva #1. The well was plugged on 10-8-03 by state rules.

Sincerely,

James C. Hess
Geologist