

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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
Contractor: Name: Mallard JV, Inc.
License: 4958
Wellsite Geologist: Beth A. Isern

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>10-18-07</u>	<u>10-24-07</u>	<u>10-24-07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22489-0000

County: Trego

App. SW SE SW Sec. 3 Twp. 14 S. R. 22 East West

350 feet from S (circle one) Line of Section

1525 feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Kathleen Well #: 1

Field Name: _____

Producing Formation: _____

Elevation: Ground: 2304' Kelly Bushing: 2309'

Total Depth: 4267' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 220 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

PA-Dg-1/15/09

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

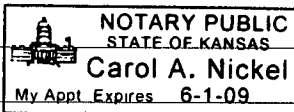
Title: Pres. Date: 11-26-07

Subscribed and sworn to before me this 26th day of November

2007

Notary Public: Carol A. Nickel

Date Commission Expires: _____



KCC Office Use ONLY

Letter of Confidentiality Received
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

If Denied, Yes Date: _____

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NOV 28 2007

CONSERVATION DIVISION
WICHITA, KS

HESS OIL COMPANY

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

ACO-1 Completion Form Attachment

Kathleen #1
Approx. SW SE SW
350' FSL, 1525' FWL, Section 3-14-22W
Trego County, Kansas
API# 15-195-22,489-0000

Elevation: 2309' KB

<u>FORMATION</u>	<u>LOG TOP</u>	<u>DATUM</u>
Anhydrite	1745'	(+564')
Base Anhydrite	1783'	(+526')
Heebner	3688'	(-1379')
Lansing	3728'	(-1429')
Base Kansas City	3980'	(-1671')
Pawnee	4085'	(-1778')
Fort Scott	4152'	(-1843')
Cherokee Shale	4162'	(-1853')
Cherokee Sand	4186'	(-1877')
RTD	4267'	(-1958')
LTD	4266'	(-1957')

DST #1: Depth: 4120' – 4197' KB

Times: 30-45-30-45

Blows: IF – BOB in 8½ min.
 ISI – No blow back in 6 min, weak intermittent blow, died in 31 min.
 FF – BOB in 12 min.
 FSI – No blow back

Recoveries: 120' MW w/scum O (60% W, 40% M)
 60' GM & WCO (80% O, 10% W, 10% M)
 350' GO & WCM (5% G, 15% O, 20% W, 60% M)
 130' G & WHO CM (5% G, 30% O, 10% W, 55% M)
 20' free oil (93% O, 7% M)

Pressures: IH 2067#, IF 43-221#, ISI 1011#, FF 230-319#, FSI 968#, FH 1974#

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CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

30370

Federal Tax I.D.

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

SERVICE POINT:

Great Bend

DATE <i>10-18-07</i>	SEC. <i>3</i>	TWP. <i>14</i>	RANGE <i>22</i>	CALLED OUT <i>2:00 PM</i>	ON LOCATION <i>5:00 PM</i>	JOB START <i>6:00 PM</i>	JOB FINISH <i>7:00 PM</i>
LEASE <i>Kathleen</i>	WELL # <i>1</i>	LOCATION <i>4+147 Jct 15 north</i>			COUNTY <i>Trego</i>	STATE <i>Ka</i>	
OLD OR <u>NEW</u> (Circle one)		<i>1 1/2 west north into</i>					

CONTRACTOR *Mallard*
 TYPE OF JOB *Surface*
 HOLE SIZE *12 1/4* T.D. *220'*
 CASING SIZE *8 3/8 20#* DEPTH *220'*
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT *13.3 BBLS H₂O*

OWNER *Hess Oil Co.*
 CEMENT
 AMOUNT ORDERED *160 dx Common*
3% cc 2% gel

COMMON	<i>160</i>	@	<i>11.10</i>	<i>1776.0</i>
POZMIX		@		
GEL	<i>3</i>	@	<i>16.65</i>	<i>49.95</i>
CHLORIDE	<i>5</i>	@	<i>46.60</i>	<i>233.00</i>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>168</i>	@	<i>1.90</i>	<i>319.20</i>
MILEAGE	<i>39.9</i>			<i>168</i>
				<i>589.6</i>
				TOTAL <i>2967.80</i>

EQUIPMENT

UB
 PUMP TRUCK CEMENTER *J.D.*
 # *181* HELPER *Randy*
 BULK TRUCK
 # *341* DRIVER *Kevin*
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Ran 8 3/8 casing to bottom, circulate with rig mud, hook up to pump, take & mixed 160 dx common 3% cc 2% gel. Shut down change valves over & release 8 3/8 TWP. Displace with 13.3 BBLS fresh H₂O. Cement did circulate. Shut in.

SERVICE

DEPTH OF JOB	<i>220'</i>			
PUMP TRUCK CHARGE				<i>815.00</i>
EXTRA FOOTAGE		@		
MILEAGE	<i>39</i>	@	<i>6.00</i>	<i>234.00</i>
MANIFOLD		@		
<i>Headrental</i>		@		<i>100.00</i>
		@		

CHARGE TO: *Hess Oil Co.*
 STREET _____
 CITY _____ STATE _____ ZIP _____

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TOTAL *1149.00*

CONSERVATION EQUIPMENT
WICHITA, KS

<i>1.8 3/8 TWP</i>	@	<i>60.00</i>
	@	
	@	
	@	

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

ALLIED CEMENTING CO., INC.

25671

Federal Tax I.D.:

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

SERVICE POINT:

shB

DATE <u>10-24-07</u>	SEC <u>3</u>	TWP. <u>14</u>	RANGE <u>22 W</u>	CALLED OUT <u>4:00pm</u>	ON LOCATION <u>8:30pm</u>	JOB START <u>10:30pm</u>	JOB FINISH <u>11:30pm</u>
LEASEE <u>Kathleen</u>		WELL # <u>1</u>	LOCATION <u>Brown-11</u>	<u>4+147 Hwy 15N 1 1/2 W N1/4</u>		COUNTY <u>Trego</u>	STATE <u>K.S.</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Mallard Rig 1

TYPE OF JOB Rotary Plug

HOLE SIZE _____ T.D. 4267 ft

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 1760 ft

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT

AMOUNT ORDERED 200 ⁶⁰/₄₀ 4 1/2 - P

1/4 float seal 8 1/2

COMMON	<u>120 sk</u>	@	<u>11.10</u>	<u>1332.00</u>
POZMIX	<u>80 sk</u>	@	<u>6.20</u>	<u>496.00</u>
GEL	<u>7 sk</u>	@	<u>16.65</u>	<u>116.55</u>
CHLORIDE		@		
ASC		@		
<u>NO SEAL</u>	<u>50 #</u>	@	<u>2.00</u>	<u>100.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>209 sk</u>	@	<u>1.90</u>	<u>397.10</u>
MILEAGE	<u>209 sk</u>	@	<u>3.50</u>	<u>733.50</u>
TOTAL				<u>3175.24</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mildred M.

181 HELPER Randy P.

BULK TRUCK

341 DRIVER Steve T

BULK TRUCK

_____ DRIVER _____

REMARKS:

<u>Mix</u>	<u>25 sk</u>	at	<u>1760 ft</u>
<u>"</u>	<u>100 sk</u>	"	<u>880 ft</u>
<u>"</u>	<u>40</u>	"	<u>270 "</u>
<u>"</u>	<u>10</u>	"	<u>40 "</u>
<u>"</u>	<u>15</u>	"	<u>2H "</u>
<u>"</u>	<u>10</u>	"	<u>MH "</u>

CHARGE TO: Hess oil Co.

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 1760 ft

PUMP TRUCK CHARGE _____ 815.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 39 @ 6.00 234.00

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL 1049.00

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KANSAS CORPORATION COMMISSION

PLUG & FLOAT EQUIPMENT
NOV 28 2007

CONSERVATION DIVISION _____ @ _____

WICHITA, KS _____ @ _____

_____ @ _____

_____ @ _____

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

Thank you