

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

ORIGINAL

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: N.C.R.A.  
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     SIOW     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

Corningled    Docket No. \_\_\_\_\_

Dual Completion    Docket No. \_\_\_\_\_

Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

8-18-07	8-25-07	9-5-07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22481-0000

County: Trego

Appx. NE NE SE Sec. 32 Twp. 15 S. R. 22  East  West

2280 feet from (S) ~~N~~ (circle one) Line of Section

400 feet from (E) ~~W~~ (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW

Lease Name: Linda Well #: 3

Field Name: Page Creek SW

Producing Formation: Cherokee

Elevation: Ground: 2318' Kelly Bushing: 2323'

Total Depth: 4350' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 210 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 1661 Feet

If Alternate II completion, cement circulated from 1661

feet depth to surface w/ 200 sx cmt.

Drilling Fluid Management Plan Att II NH7-22-08  
(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.

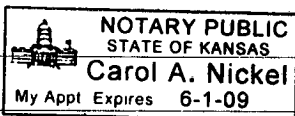
Signature: Bryan Hess

Title: Pres. Date: 10-17-07

Subscribed and sworn to before me this 17th day of October

20 07

Notary Public: Carol A. Nickel



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

KCC Office Use ONLY

N Letter of Confidentiality Received

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received **RECEIVED**  
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Geologist Report Received

UIC Distribution

OCT 19 2007

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Hess Oil Company Lease Name: Linda Well #: 3  
 Sec. 32 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>Compensated Density Neutron, Dual Induction, Micro</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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"	20#	210'	common	160	2% gel, 3% cc
Production	7-7/8"	5-1/2"	14#	4348'	EA-2	150	
					and SMD	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				

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	4262'-4270'		

TUBING RECORD	Size <u>2-7/8"</u>	Set At <u>4200'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. <u>9-17-07</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. <u>38</u>	Gas Mcf <u>0</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio	Gravity <u>41</u>
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Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

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

Production Interval 4262'-4270'

# HESS OIL COMPANY

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

## ACO-1 Completion Form Attachment

**Linda #3**

**Approx. NE NE SE**

**2280' FSL, 400' FEL, Section 32-15-22W**

**Trego County, Kansas**

**API# 15-195-22,481-0000**

Elevation: 2323' KB

<u>FORMATION</u>	<u>SAMPLE TOP</u>	<u>DATUM</u>
Anhydrite	1670'	(+653')
Base Anhydrite	1708'	(+615')
Heebner	3678'	(-1355')
Toronto	3698'	(-1375')
Lansing	3716'	(-1393')
Stark Shale	3934'	(-1611')
Base Kansas City	3988'	(-1665')
Marmaton	4014'	(-1691')
Pawnee	4082'	(-1759')
Fort Scott	4172'	(-1849')
Cherokee Shale	4194'	(-1871')
Cherokee Sand	4261'	(-1938')
RTD	4350'	(-2027')

DST #1:     Depth:       4190' – 4266'  
              Times:       30-45-30-45  
              Blows:       IF – 5"  
                          ISI – no blow  
                          FF – 1"  
                          FSI – weak surface  
Recoveries: 60' GMCO (10% gas, 50% oil, 40% mud)  
                          60' OCM (40% oil, 60% mud)  
                          60' OM (50% oil, 50% mud)  
                          40' MCO (60% oil, 40% mud)  
                          30' 100% gas  
Pressures:   IH 2155#, IF 47-78#, ISI 1134#, FF 91-112#, FSI 1074#, FH 2047#

DST #1:     Depth:       4190' – 4271'  
              Times:       30-45-30-45  
              Blows:       IF – BOB in 20 min.  
                          ISI – no blow  
                          FF – 6"  
                          FSI – no blow  
Recoveries: 556' MCO (70% oil, 30% mud)  
Pressures:   IH 2180#, IF 70-189#, ISI 1229#, FF 176-213#, FSI 1219#, FH 2040#

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CONSERVATION DIVISION  
WICHITA, KS

# ALLIED CEMENTING CO., INC. 30758

Federal Tax I.D.

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

SERVICE POINT: *Great Bend*  
*Hess City*  
8-19-07

DATE <b>8-18-07</b>	SEC. <b>32</b>	TWP. <b>15</b>	RANGE <b>22</b>	CALLED OUT <b>9:00 PM</b>	ON LOCATION <b>12:30 AM</b>	JOB START <b>2:00 AM</b>	JOB FINISH <b>2:30 AM</b>
LEASE <i>Linda</i>	WELL # <b>3</b>	LOCATION <i>Brownell 2 1/2 west</i>			COUNTY <i>Trego</i>	STATE <i>Kansas</i>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR *Mallard*  
TYPE OF JOB *Surface*  
HOLE SIZE *12 1/4* T.D. *210'*  
CASING SIZE *8 5/8 20#* DEPTH *210'*  
TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
CEMENT LEFT IN CSG. *15'*  
PERFS. \_\_\_\_\_  
DISPLACEMENT  *12.7 BBLs H<sup>2</sup>o*

OWNER *Hess Oil Co.*  
CEMENT  
AMOUNT ORDERED *160 cu Common*  
*3% CC 2% gel.*

EQUIPMENT  
*Hess*  
PUMP TRUCK CEMENTER *J.D. Drueiling*  
# *224* HELPER *Jim Weighaus*  
BULK TRUCK  
# *342* DRIVER *Marlyn Spangenberg*  
BULK TRUCK  
# \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<i>160 cu</i>	@	<i>11.10</i>	<i>1776.00</i>
POZMIX		@		
GEL	<i>3 cu</i>	@	<i>16.65</i>	<i>49.95</i>
CHLORIDE	<i>5 cu</i>	@	<i>46.60</i>	<i>233.00</i>
ASC		@		
HANDLING	<i>168</i>	@	<i>1.90</i>	<i>319.20</i>
MILEAGE	<i>168 x 24 x .09</i>			<i>362.88</i>
TOTAL				<i>2741.03</i>

REMARKS:

*Ran 8 5/8 casing to Bottom*  
*Circulate with rig mud.*  
*Hook up to pump truck & mixed*  
*160 cu common 3% cc 2% gel.*  
*Shut down change valves over &*  
*release 8 5/8 TWP. Displace with*  
*12.7 BBLs H<sup>2</sup>o. Cement did circulate.*

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

SERVICE

DEPTH OF JOB	<i>210'</i>		
PUMP TRUCK CHARGE			<i>815.00</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>24</i>	@	<i>6.00 144.00</i>
MANIFOLD		@	
<i>Head rental</i>		@	<i>100.00 100.00</i>

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TOTAL *1059.00*

CONSERVATION DIVISION  
WICHITA, KS FLOAT EQUIPMENT

<i>1-8 5/8 TWP</i>	@	<i>60.00</i>	<i>60.00</i>
	@		
	@		
	@		

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

**JOB LOG**

**SWIFT Services, Inc.**

DATE 8-25-07 PAGE NO. 1

CUSTOMER **Hess Oil Co.** WELL NO. **#3** LEASE **LEUDA** JOB TYPE **5/2" 2-STAGE LONGSTRENG** TICKET NO. **12734**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							ON LOCATION
	1230							START 5/2" CASING IN WELL
								TD-4350 SET=4348
								TD-4348 5/2" R/A 14
								ST-15
								CENTRALIZERS- 1,2,3,4,5 FM REG 62
								CMT BSKT-63
								DV TOOL=1662 TOP JT # 63
	1415							DROP BALL - CIRCULATE
	1440	6	12		✓	500		PUMP 500 GAL MOD FLUSH
	1442	6	20		✓	500		PUMP 20 BBLS KCL-FLUSH
	1450	5 1/2	36		✓	400		MIX CSMT 150 SKS EA-2 @ 15.5 PPG
	1457							WASH OUT PUMP - LEVES
	1458							RELEASE DV - LATCH DOWN PLUG
	1500	7	0		✓			DISPLACE PLUG
	1514	6 1/2	105.7			1500		PLUG DOWN - PSE UP LATCH IN PLUG
	1515					OK		RELEASE PSE-HEAD
	1520							DROP DV - OPENING PLUG
	1530				✓	1100		OPER DV-TOOL = CIRCULATE - 4 HRS
	1900	6	20		✓	350		PUMP 20 BBLS KCL-FLUSH
	1905		4-2					PLUG RH-MH
	1915	7	111		✓	300		MIX 200 SKS SMD @ 11.2 PPG
	1935							WASH OUT PUMP - LEVES
	1937							RELEASE DV - CLOSING PLUG
	1939	6 1/2	0		✓			DISPLACE PLUG
	1945	5 1/2	40.5			1500		PLUG DOWN - PSE UP CLOSE DV TOOL
	1947					OK		RELEASE PST-HEAD
								CIRCULATED 30 SKS CSMT TO PET
								WASH TRUCK
	2030							JOB COMPLETE

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THANK YOU OCT 19 2007

WAVE, JOSH, SEAN  
CONSERVATION DIVISION  
WICHITA, KS