

ORIGINAL
KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
 September 1999
 Form Must Be Typed
RECEIVED
SEP 09 2004
KCC WICHITA

CONFIDENTIAL
KCC
SEP 08 2004
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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 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>5-20-04</u>	<u>5-26-04</u>	<u>6-4-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22254-00-00
 County: Trego
App. S2 N2 SE Sec. 32 Twp. 15 S. R. 22 East West
1610 feet from S (circle one) Line of Section
1390 feet from E (circle one) Line of Section

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

Field Name: _____
 Producing Formation: Cherokee
 Elevation: Ground: 2349 Kelly Bushing: 2354
 Total Depth: 4370 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 226 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 1658 Feet
 If Alternate II completion, cement circulated from 1658
 feet depth to surface w/ 200 sx cmt.

Drilling Fluid Management Plan ALT II WFM 2-12-04
 (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.: _____

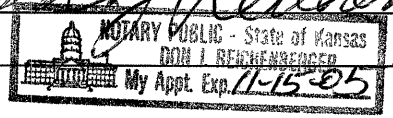
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: 9-8-03

Subscribed and sworn to before me this 8th day of September, 2004,
 20 _____

Notary Public: Don J. Reidenberger
 Date Commission Expires: _____



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Hess Oil Company Lease Name: Linda Well #: 1
 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 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: Dual Compensated Porosity, Dual Induction	<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"	23#	226'	common	160	3% gel, 2% cc
Production	7-7/8"	5-1/2"	14#	4368'	EA-2	100	
					& SMDC	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	4282'-4294'		
3	4298'-4304'		

TUBING RECORD		Size <u>2-7/8"</u>	Set At <u>4257'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>6-11-04</u>		Producing Method <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. <u>100</u>	Gas Mcf	Water Bbls. <u>0</u>	Gas-Oil Ratio	Gravity <u>38</u>

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 4282'-4304'

Production Interval Other (Specify) _____

HESS OIL COMPANY

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

ACO-1 Completion Form Attachment

Linda #1
Approx. S2 N2 SE, Section 32-15-22W
Trego County, Kansas

Elevation: 2354' KB

<u>FORMATION</u>	<u>LOG TOP</u>	<u>DATUM</u>
Anhydrite	1692'	(+662') sample
Base Anhydrite	1733'	(+621') sample
Heebner	3709'	(-1355')
Toronto	3727'	(-1373')
LKC	3744'	(-1390')
Stark Shale	3964'	(-1610')
Base KC	4015'	(-1661')
Marmaton	4044'	(-1690')
Pawnee	4111'	(-1757')
Fort Scott	4195'	(-1841')
Cherokee Shale	4217'	(-1863')
Cherokee Sand	4282'	(-1928')
RTD	4370'	(-2016')
LTD	4375'	(-2021')

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DST #1: Depth: 4214'-4289'. Missrun - packer failure

DST #2: Depth: 4180'-4289'. Times: 30-45-30-45. Blows: IF - weak building blow to 4"; FF - weak built to 1". Recoveries: 290' SGOCM (15% gas, 35% oil, 50% mud); 45' FO (5% gas, 95% oil). Pressures: IH 2015#, IF 31-123#, ISI 1249#, FF 128-149#, FSI 1233#, FH 2032#

ALLIED CEMENTING CO., INC.

17937

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

St. Bend

DATE <u>5-21-04</u>	SEC. <u>32</u>	TWP. <u>15</u>	RANGE <u>22</u>	5-20-04 5-21-04 CALLED OUT <u>10:00 PM</u>	ON LOCATION <u>12:30 AM</u>	JOB START <u>2:45 AM</u>	JOB FINISH <u>3:15 AM</u>
LEASE <u>Linda</u>	WELL # <u>1</u>	LOCATION <u>Brownell 2 1/2 W, 4 1/2 N 1/2 E into</u>			COUNTY <u>Trego</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

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CONTRACTOR Mallard
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4" T.D. 226'
 CASING SIZE 8 5/8" 28th DEPTH 226'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 13 bbls

OWNER Same

CEMENT KCC WICHITA
 AMOUNT ORDERED 1600 lb Common
390cc, 290 gal

EQUIPMENT

PUMP TRUCK CEMENTER Tim D
 # 181 HELPER ..
 BULK TRUCK
 # 342 DRIVER Don Dugan
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>1600 lb</u>	@	<u>7.65</u>	<u>1224.00</u>
POZMIX		@		
GEL	<u>3 gal</u>	@	<u>11.00</u>	<u>33.00</u>
CHLORIDE	<u>5 gal</u>	@	<u>30.00</u>	<u>150.00</u>
ASC		@		

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HANDLING	<u>168 gal</u>	@	<u>1.25</u>	<u>210.00</u>
MILEAGE	<u>168 gal</u>	@	<u>18</u>	<u>131.20</u>
TOTAL				<u>1768.20</u>

REMARKS:

Ran 226' of 8 5/8" csg. Broke circulation
mixed 1600 lb common 390cc 290 gal.
Released plug. Displaced with fresh
H₂O.

Cement did circulate.

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

SERVICE

DEPTH OF JOB	<u>226'</u>			
PUMP TRUCK CHARGE				<u>520.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>18</u>	@	<u>4.00</u>	<u>72.00</u>
TOTAL				<u>592.00</u>

PLUG & FLOAT EQUIPMENT

MANIFOLD		@		
<u>1- 8 5/8 wooden</u>		@	<u>45.00</u>	<u>45.00</u>
		@		
		@		

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment
 and furnish cementer and helper to assist owner or

[Signature]

SWIFT SERVICES, INC.

PO BOX 466

NESS CITY, 67560-0466

Invoice

DATE	INVOICE #
5/26/04	6832

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

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TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Operator	Job Purpose
Net 30	# 1	Linda	Trego	Mallard Drilling	Oil	Development	Wayne	5 1/2" Longst...
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	
402-5	5 1/2" Centralizers				1	44.00	44.00T	
403-5	5 1/2" Cement Basket				1	125.00	125.00T	
407-5	5 1/2" Insert Float Shoe with Auto Fill				1	230.00	230.00T	
408-5	5 1/2" D.V. Tool & Plug Set				1	2,150.00	2,150.00T	
409-5	5 1/2" Turbolizers				5	54.00	270.00T	
417-5	DV Latch Down Plug & Baffle				1	200.00	200.00T	
325	Cement				150	7.25	1,087.50T	
330	Swift Multi-Density				200	10.00	2,000.00T	
276	Flocele				88	0.90	79.20T	
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				350	1.00	350.00	
583D	Drayage				534.435	0.85	454.27	
	Subtotal						9,423.72	
	Sales Tax					5.30%	373.36	

7546
JUN 16 PAID

Thank you for your business.

Total

\$9,797.08

JOB LOG

SWIFT Services, Inc.

DATE **5-26-04** PAGE NO. **1**

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
HESS OIL Co.		# 1		LZWA		5 1/2" 2-STAGE LOGGING		6832	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	1600								ON LOCATION
	1715								START 5 1/2" CASING IN WELL
									TD - 4375' SET @ 4365'
									TP - 4365' 5 1/2" - 14 #/FT
									ST - 42'
									CONTRADICES - 1, 2, 3, 4, 5 FM REG 64
									CMT BSET - PDJ 65
									DV TOOL @ 1659 TOP JT # 65
	1910								DROP BALL - CIRCULATE
	1935	6 1/2	12			450			PUMP 500 GAL MWD FLUSH
	1937	6 1/2	20			450			PUMP 20 BBLs KCL FLUSH
	1945	5	36			350			MAX 150 SKS FA-2 CMT W/ADDITIONS
	1954								WASH OUT PUMP - 200S
	1956								RELEASE DV LATCHDOWN P.W.G.
	1958	6 1/2	0						DISPLACE P.W.G.
	2014	6 1/2	105.5			1750			P.W.G. DOWN - PSE UP WITH IN P.W.G.
	2016					OK			RELEASE PSE - HEAD
	2020								DROP DV OPENING P.W.G.
	2040					1050			OPEN DV TOOL - CIRCULATE 4 HRS
	0005	6 1/2	20			300			PUMP 20 BBL KCL FLUSH
	0010								P.W.G. RH-MH
	0015	6	111						MAX 200 SKS SMA CMT
	0030								WASH OUT P-L
	0051								RELEASE DV. CLOSING P.W.G.
	0054	6 1/2	0						DISPLACE P.W.G.
	0100		40.5			1750			P.W.G. DOWN - PSE UP CLOSE DV TOOL
	0102					OK			RELEASE PSE - HEAD
									CIRCULATED 30 SKS OUT TO PEST
									WASH-UP
	0200								JOB COMPLETE

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THANK YOU
WAYNE, DUSTY, SHANE