

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: _____
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>7-2-05</u>	<u>7-9-05</u>	<u>7-10-05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 165-21777-00-00
County: Rush
App. W2 SE NE Sec. 3 Twp. 19 S. R. 20 East West
1850 feet from S / N (circle one) Line of Section
880 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Judy Well #: 1

Field Name: _____
Producing Formation: _____
Elevation: Ground: 2174' Kelly Bushing: 2179'
Total Depth: 4220' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 204 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.

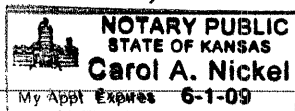
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) *ALTA PEA with 4-18-07*
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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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: President Date: 9-21-05
Subscribed and sworn to before me this 21st day of September,
20 05.
Notary Public: Carol A. Nickel
Date Commission Expires: 6-1-09



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: Judy Well #: 1
 Sec. 3 Twp. 19 S. R. 20 East West County: Rush

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<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"	24#	204'	common	150	3%cc, 2% gel

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run			
						<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Date of First. Resumerd Production, SWD or Enhr.				Producing Method				
				<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

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 _____

HESS OIL COMPANY

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

ACO-1 Completion Form Attachment

Judy #1
Approx. W2 SE NE
1850' FNL, 880' FEL, Section 3-19-20W
Rush County, Kansas
API# 15-165-21777-00-00

Elevation: 2179' KB

<u>FORMATION</u>	<u>SAMPLE TOP</u>	<u>DATUM</u>
Anhydrite	1412'	(+767')
Base Anhydrite	1442'	(+737')
Heebner	3668'	(-1489')
Lansing	3712'	(-1533')
Base Kansas City	4004'	(-1825')
Cherokee Shale	4154'	(-1975')
Cherokee Sand	4176'	(-1997')
RTD	4220'	(-2041')

DST #1: Depth: 4150'-4182'

Times: 30-30-0-0

Blows: IF - weak blow @ .5", slowly dying
 FF - bled off, no blow back

Recoveries: 20' Mud

Pressures: IH 2061#, IF 83-86#, ISI 432#, FF — FSI — , FH 1976#

DST #2: Depth: 4150'-4220'

Times: 30-30-0-0

Blows: IF - strong blow BOB in 1 min.
 FF - bled off, no blow back

Recoveries: 640' saltwater
 250' MCW (45% mud, 55% water)

Pressures: IH 2051#, IF 431-447#, ISI 450#, FF — FSI — , FH 1956#

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SEP 22 2005
KCC WICHITA

ALLIED CEMENTING CO., INC.

17230 ✓

Federal Tax I.D.# 48-0727860

PO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Hess City

DATE <u>7-2-05</u>	SEC. <u>3</u>	TWP. <u>19</u>	RANGE <u>20</u>	CALLED OUT <u>8:30AM</u>	ON LOCATION <u>11:00AM</u>	JOB START <u>1:15pm</u>	JOB FINISH <u>1:45pm</u>
LEASE <u>Judy</u>	WELL # <u>1</u>	LOCATION <u>Alexander 2E 2 1/2 S W.S.</u>		COUNTY <u>Rush</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Mallard Dubs

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 204

CASING SIZE 8 5/8 DEPTH 204

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 12 1/4

OWNER _____

CEMENT

AMOUNT ORDERED

150 Com 3%cc 2 1/2" steel

EQUIPMENT

PUMP TRUCK CEMENTER J. Weighlow

224 HELPER Burr

BULK TRUCK

342 DRIVER D. Dyer

BULK TRUCK

DRIVER

COMMON	<u>150 Mt.</u>	@	<u>8.70</u>	<u>1305.00</u>
POZMIX		@		
GEL	<u>3 Mt.</u>	@	<u>14.00</u>	<u>42.00</u>
CHLORIDE	<u>5 Mt.</u>	@	<u>38.00</u>	<u>190.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>1884</u>	@	<u>1.60</u>	<u>252.80</u>
MILEAGE	<u>24 06 158</u>			<u>227.52</u>
TOTAL				<u>2,017.32</u>

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REMARKS:

20"

cut 8 5/8 csg w/ reg pump

mix cemt deep w/ 12 1/4 BBL

cemt did Cure

Thanks

SERVICE

DEPTH OF JOB	<u>204'</u>		
PUMP TRUCK CHARGE			<u>670.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>24</u>	@	<u>5.00</u> <u>120.00</u>
		@	
		@	
		@	
TOTAL <u>790.00</u>			

CHARGE TO: Hess Oil Co.

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

MANIFOLD		@	
<u>8 5/8 Top wood</u>		@	<u>55.00</u> <u>55.00</u>
		@	
		@	
		@	

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

ALLIED CEMENTING CO., INC.

16455 ✓

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
GREAT BEND

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
07-10-05	3	19s	20w	1:00/AM	4:30/AM	6:30/AM	8:19/AM
LEASE	WELL #	LOCATION		COUNTY	STATE		
Judy	1	ALEXANDER 22 2 1/2 W/S		RUSH	KS		
OLD OR NEW (Circle one)							

CONTRACTOR	MALLARD DRILL
TYPE OF JOB	KOTARY PLUG
HOLE SIZE	7 7/8" T.D.
CASING SIZE	8 5/8" DEPTH 204
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

OWNER	Hess Oil Co
CEMENT	
AMOUNT ORDERED	205 cu ft 60/40 62.6% gel 1/4" Fro Seal

EQUIPMENT	
PUMP TRUCK	CEMENTER <u>BUD</u>
# <u>120</u>	HELPER <u>JD</u>
BULK TRUCK	
# <u>312</u>	DRIVER <u>STEVE</u>
BULK TRUCK	
#	DRIVER

COMMON	123 cu ft	@	8.70	1,070.10
POZMIX	82 cu ft	@	4.70	385.40
GEL	11 cu ft	@	14.00	154.00
CHLORIDE		@		
ASC		@		
Fro Seal 51#		@	1.70	86.70
HANDLING	218 cu ft	@	1.60	348.80
MILEAGE	218 out 06	@	24	313.92

REMARKS:

~~Work Circulated, Int Plug at 1450'~~
~~Mix 40 cu ft 60/40 62.6% gel 1/4" Fro Seal~~
~~Displace to balance 2nd plug 700'~~
~~Mix 80 cu ft 60/40 62.6% gel 1/4" Fro Seal~~
~~Displace to balance 3rd plug 210'~~
~~Mix 40 cu ft 60/40 62.6% gel 1/4" Fro Seal~~
~~NO Fr Bridge Mix 105 cu ft / Rat 105'~~
~~15 cu Mouse hole 10 cu ft~~

SERVICE

DEPTH OF JOB	1450'		
PUMP TRUCK CHARGE			665.00
EXTRA FOOTAGE		@	
MILEAGE	24	@	5.00 120.00
RECEIVED		@	

CHARGE TO: Hess Oil Co.
 STREET _____
 CITY McPHERSON STATE KS ZIP 67460

SEP 22 2005
 KCC WICHITA
 TOTAL 785.00

PLUG & FLOAT EQUIPMENT

MANIFOLD		@		
1-8 5/8" DI PLUG		@	35.00	35.00
		@		
		@		
		@		

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