

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

RECEIVED

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM

APR 07 2006

WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA

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>2/7/06</u>	<u>2/12/06</u>	<u>2/13/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 165-21790-00-00  
County: Rush  
N2 S2 NW NE Sec. 13 Twp. 19 S. R. 20  East  West  
800 feet from S N (circle one) Line of Section  
1900 feet from E W (circle one) Line of Section

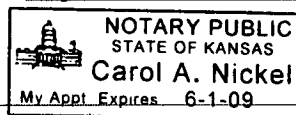
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Helen Well #: 1  
Field Name: \_\_\_\_\_  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 2137' Kelly Bushing: 2142'  
Total Depth: 4174' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 206 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 P+A AIT I nr  
(Data must be collected from the Reserve Pit) 10-28-08  
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: President Date: 4/6/06  
Subscribed and sworn to before me this 6th day of April,  
20 06.  
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: Helen Well #: 1  
 Sec. 13 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:  DST #1: 4120'-4152'. 30-30-5-0. IF weak blow @ 25", died after 13 min. FF no blow, flushed tool. Rec. 10' mud. IH 2013#, IF 19-21#, ISI 55#, FF--, FSI--, FH 2018#.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input checked="" type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anydrite</td> <td>1359'</td> <td>+783'</td> </tr> <tr> <td>Base Anhydrite</td> <td>1388'</td> <td>+754'</td> </tr> <tr> <td>Heebner</td> <td>3642'</td> <td>-1500'</td> </tr> <tr> <td>Lansing</td> <td>3689'</td> <td>-1547'</td> </tr> <tr> <td>Base Kansas City</td> <td>3982'</td> <td>-1840'</td> </tr> <tr> <td>Cherokee Shale</td> <td>4124'</td> <td>-1982'</td> </tr> <tr> <td>RTD</td> <td>4174'</td> <td>-2032'</td> </tr> </table>	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample	Name	Top	Datum	Anydrite	1359'	+783'	Base Anhydrite	1388'	+754'	Heebner	3642'	-1500'	Lansing	3689'	-1547'	Base Kansas City	3982'	-1840'	Cherokee Shale	4124'	-1982'	RTD	4174'	-2032'
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CASING RECORD <input 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

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

# ALLIED CEMENTING CO., INC. 24768

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

APR 07 2006

SERVICE POINT:  
Great Bend

KCC WICHITA

DATE <u>2-7-06</u>	SEC. <u>13</u>	TWP. <u>19</u>	RANGE <u>20w</u>	CALLED OUT <u>5:30 pm</u>	ON LOCATION <u>7:45 pm</u>	JOB START <u>8:00 pm</u>	JOB FINISH <u>8:45 pm</u>
LEASE <u>Helin</u>	WELL # <u>#1</u>	LOCATION <u>Nekoma 2 west - 1/2</u>		COUNTY <u>Rush</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one)		<u>south just past farm yard - West into</u>					

CONTRACTOR Mallard Drilling

TYPE OF JOB Surface Pipe

HOLE SIZE 12 3/4 T.D. 206'

CASING SIZE 8 5/8 DEPTH 206'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. approx 10'

PERFS.

DISPLACEMENT 12 3/4 BBLs

EQUIPMENT

OWNER Hess Oil Co.

CEMENT

AMOUNT ORDERED 160 ex Common

390 c/c & 290 gel

COMMON	<u>160 ex.</u>	@	<u>8.70</u>	<u>1392.00</u>
POZMIX		@		
GEL	<u>3 sep.</u>	@	<u>14.00</u>	<u>42.00</u>
CHLORIDE	<u>5 sep.</u>	@	<u>38.00</u>	<u>190.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>160 ex</u>	@	<u>1.60</u>	<u>268.80</u>
MILEAGE	<u>160 ex</u>	@	<u>76</u>	<u>262.08</u>
TOTAL				<u>2154.88</u>

PUMP TRUCK CEMENTER Jack

# 181 HELPER Bur

BULK TRUCK

# 342 DRIVER Brandon

BULK TRUCK

# DRIVER

REMARKS:

a Surface pipe on bottom when pulling on location. Hookup and Circ with mud - Mix 160 ex cement and discharge with 12 3/4 BBLs of fresh water - Cement did Circ plug down @ 8:45 pm

Thanks

CHARGE TO: Hess Oil Co.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB 206'

PUMP TRUCK CHARGE 670.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 26 @ 5.00 130.00

MANIFOLD @ \_\_\_\_\_

TOTAL 800.00

PLUG & FLOAT EQUIPMENT

1-8 3/8 Wood @ 55.00 55.00

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

# ALLIED CEMENTING CO., INC.

22493

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

RECEIVED  
APR 07 2006

SERVICE POINT:

Ness City

DATE <u>2-13-06</u>	SEC. <u>13</u>	TWP. <u>19</u>	RANGE <u>20</u>	CALLED OUT <u>2:30 AM</u>	ON LOCATION <u>5:15 AM</u>	JOB START <u>6:15 AM</u>	JOB FINISH <u>8:30 AM</u>
LEASE <u>Helen</u>	WELL# <u>1</u>	LOCATION <u>Alexander 45 4 1/4 S</u>			COUNTY <u>Rush</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>1/4 W.</u>			

CONTRACTOR Mallard  
 TYPE OF JOB Rotary Plug  
 HOLE SIZE 7 7/8 T.D. 4174  
 CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

OWNER \_\_\_\_\_  
 CEMENT AMOUNT ORDERED  
195 60/40 60 Seal  
1/4# 70 Seal plug  
 COMMON 117 cu. @ 8.70 1017.90  
 POZMIX 78 cu. @ 4.70 366.60  
 GEL 10 cu. @ 14.00 140.00  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 ASC \_\_\_\_\_ @ \_\_\_\_\_  
70 Seal 1/4# @ 1.70 83.30  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING 207 cu. @ 1.60 331.20  
 MILEAGE 28.00 x 207 328.92  
 TOTAL 226.62

EQUIPMENT

PUMP TRUCK CEMENTER MIKE  
 # 224 HELPER J. Weighous  
 BULK TRUCK  
 # 341 DRIVER Don  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

<u>50 x e 1375'</u>	
<u>50</u>	<u>600</u>
<u>50</u>	<u>250</u>
<u>20</u>	<u>60</u>
<u>13</u>	<u>BH</u>
<u>10</u>	<u>MH</u>

SERVICE

DEPTH OF JOB 1375  
 PUMP TRUCK CHARGE \_\_\_\_\_ 665.00  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 26 @ 5.00 130.00  
 MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL 795.00

CHARGE TO: Ness Oil Co.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_