

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

RECEIVED

Form ACO-1

September 1999

Form Must Be Typed

FEB 08 2006

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA

Operator: License # 5663
Name: Hess Oil Company
Address: P. O. Box 1009 **Approx.** SE SW NW SE Sec. 7 Twp. 16 S. R. 22 East West
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. _____

12-9-05	12-14-05	12-15-05
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 135-24416-00-00
County: Ness
1540 feet from S / N (circle one) Line of Section
2230 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Ruby Well #: 4
Field Name: Waring

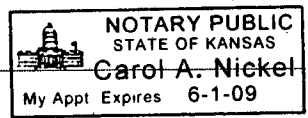
Producing Formation: _____
Elevation: Ground: 2443' Kelly Bushing: 2448'
Total Depth: 4500' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 207 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to PA-Dlg -10/16/08 sx cmt.

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: President Date: 2-7-05
Subscribed and sworn to before me this 7th day of February,
20 06.
Notary Public: Carol A. Nickel
Date Commission Expires: 6-1-09



KCC Office Use ONLY
NO Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Hess Oil Company Lease Name: Ruby Well #: 4
 Sec. 7 Twp. 16 S. R. 22 East West County: Ness

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: Dual Induction, Dual Compensated Porosity, Microresistivity	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input checked="" 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#	207'	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 (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 Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION

Open Hole
 Perf.
 Dually Comp.
 Commingled _____
 Other (Specify) _____

Production Interval

ORIGINAL

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

15-135-24416-00-00
ACO-1 Completion Form Attachment

Ruby #4
Approx. SE SW NW SE
1540' FSL, 2230' FEL, Section 7-16-22W
Ness County, Kansas
API# 15-135-24416-00-00

RECEIVED
FEB 08 2006
KCC WICHITA

Elevation: 2448' KB

<u>FORMATION</u>	<u>SAMPLE TOP</u>	<u>DATUM</u>
Anhydrite	1795'	(+653')
Base Anhydrite	1834'	(+614')
Heebner	3803'	(-1355')
Toronto	3823'	(-1375')
Lansing	3838'	(-1390')
Stark Shale	4062'	(-1614')
Base Kansas City	4112'	(-1664')
Marmaton	4138'	(-1690')
Pawnee	4218'	(-1770')
Fort Scott	4306'	(-1858')
Cherokee Shale	4330'	(-1882')
Mississippi	4428'	(-1980')
RTD	4500'	(-2052')

DST #1: Depth: 4330' – 4407'

Times: 30-30-0-0

Blows: IF - Strong, bottom of bucket in 7 min.

Recoveries: 558' – Muddy water w/scum of oil
 124' – Salty OCM (2% Oil, 98% Mud) – 38,000 ppm

Pressures: IH 2215#, IF 65-323#, ISI 1312#, FF none, FSI none, FH 2149#

ALLIED CEMENTING CO., INC.

22445

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

15-135-24416-00-00

SERVICE POINT:

Ness City

DATE <u>12-9-05</u>	SEC. <u>7</u>	TWP. <u>16</u>	RANGE <u>22</u>	CALLED OUT <u>12:00pm</u>	ON LOCATION <u>2:45pm</u>	JOB START <u>3:45pm</u>	JOB FINISH <u>4:15pm</u>
LEASE <u>Ruby</u>	WELL # <u>4</u>	LOCATION <u>4+283 det SE 2N 1/2 E 1/4 N</u>			COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

ORIGINAL

CONTRACTOR Mallard Only
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 207
 CASING SIZE 8 5/8 DEPTH 207
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15
 PERFS.
 DISPLACEMENT 12 1/8

OWNER
 CEMENT
 AMOUNT ORDERED
150 Cam 3%cc 2%ad
 COMMON 150 @ 8.70 1305.00
 POZMIX @
 GEL 3 @ 14.00 42.00
 CHLORIDE 5 @ 38.00 190.00
 ASC @

EQUIPMENT

PUMP TRUCK CEMENTER J. Weighous
 # 224 HELPER
 BULK TRUCK
 # 342 DRIVER Terry
 BULK TRUCK
 # DRIVER Brandon

RECEIVED
 FEB 08 2006
 KCC WICHITA
 HANDLING 158 @ 1.60 252.80
 MILEAGE 20.6 @ 158 189.60
 TOTAL 1979.40

REMARKS:

used 24"
case 8 5/8 casing w/ reg pump,
Max Cemt, disp plug w/ 12 1/4 OBL
cemt did case

Thanks

SERVICE

DEPTH OF JOB 207
 PUMP TRUCK CHARGE 670.00
 EXTRA FOOTAGE @
 MILEAGE 20 @ 5.00 100.00
 MANIFOLD @
 @
 @

CHARGE TO: Ness Oil Co.
 STREET
 CITY STATE ZIP

TOTAL 1770.00

PLUG & FLOAT EQUIPMENT

8 5/8 Top Wood @ 55.00

ALLIED CEMENTING CO., INC.

22452 ✓

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

15-135-24416-00-00

SERVICE POINT:

Hess City

ORIGINAL

DATE <u>12-15-05</u>	SEC. <u>7</u>	TWP. <u>14</u>	RANGE <u>22</u>	CALLED OUT <u>7:00am</u>	ON LOCATION <u>10:15am</u>	JOB START <u>12:30pm</u>	JOB FINISH <u>2:30pm</u>
LEASE <u>Ruby</u>	WELL # <u>4</u>	LOCATION <u>4+283 dct SE 2 1/2 E 1/4</u>		COUNTY <u>Hess</u>	STATE <u>KS</u>		

OLD OR NEW (Circle one)

CONTRACTOR Mallard Drilling
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 4500
 CASING SIZE 8 5/8 DEPTH 207
 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 _____
255 6 3/4 6" dual
1/4" # 7 flo seal per sk

COMMON	<u>153 sk</u>	@	<u>8.70</u>	<u>1331.10</u>
POZMIX	<u>102 sk</u>	@	<u>4.70</u>	<u>479.40</u>
GEL	<u>13 sk</u>	@	<u>14.00</u>	<u>182.00</u>
CHLORIDE		@		
ASC		@		
<u>7 flo seal</u>	<u>64"</u>	@	<u>1.70</u>	<u>108.80</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mike
 # 224 HELPER J. Weighman
 BULK TRUCK
 # 342 DRIVER Brandon
 BULK TRUCK
 # DRIVER

RECEIVED
FEB 08 2006
KCC WICHITA

HANDLING	<u>270 sk</u>	@	<u>1.60</u>	<u>432.00</u>
MILEAGE	<u>20</u>	@	<u>2704.06</u>	<u>324.00</u>

REMARKS:

TOTAL _____

<u>50 sk</u>	<u>1860</u>
<u>80 sk</u>	<u>1020</u>
<u>40 sk</u>	<u>510</u>
<u>40 sk</u>	<u>210</u>
<u>20 sk</u>	<u>60</u>
<u>10 sk</u>	<u>MH</u>
<u>15 sk</u>	<u>R.H.</u>

SERVICE

DEPTH OF JOB 1860
 PUMP TRUCK CHARGE 665.00
 EXTRA FOOTAGE @ _____
 MILEAGE 20 @ 5.00 100.00
 MANIFOLD @ _____
 @ _____
 @ _____

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

TOTAL 765.00

PLUG & FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____