

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

COPY

Operator: License # 5663
Name: Hess Oil Company
Address: P. O. Box 1009
City/State/Zip: McPherson, KS 67460
Purchaser: NCRA
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 _____

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Enhr.?) _____ Docket No. _____

<u>3/20/02</u>	<u>3/27/02</u>	<u>4/5/02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 035-24171-0000

County: Ness

Ap. N2 NE Sec. 7 Twp. 16 S. R. 22 East West

650 feet from ~~W~~ / N (circle one) Line of Section

1275 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 #: 1

Field Name: Waring

Producing Formation: Cherokee Sand

Elevation: Ground: 2435' Kelly Bushing: 2440'

Total Depth: 4470' Plug Back Total Depth: 4450'

Amount of Surface Pipe Set and Cemented at 210 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1740 Feet

If Alternate II completion, cement circulated from 1740'

feet depth to surface w/ 200 sx cmt.

Drilling Fluid Management Plan ALL 11 BH 7.3.02
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used evaporation

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.

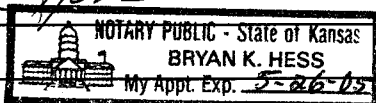
Signature: Dick Hess

Title: Dick Hess, Pres. Date: 7-9-02

Subscribed and sworn to before me this 9th day of July,
2002.

Notary Public: Bryan K. Hess

Date Commission Expires: _____



KCC Office Use ONLY

Letter of Confidentiality Attached

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

Operator Name: Hess Oil Company Lease Name: Ruby Well #: 1
 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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Dual Induction
 Dual Compensated Porosity
 Borehole Compensated Sonic

Log Name	Formation (Top), Depth and Datum	Sample Datum
	Top	Datum

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#	210'	60/40 Poz	150	2% gel, 3% cc
Production	7-7/8"	5-1/2"	14#	4462'	EA-2	150	
					& SMDC	200	1/4# floeal

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
4	4384'-4388'		

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	<input checked="" type="checkbox"/> No
		2-7/8"	4324'				
Date of First, Resumed Production, SWD or Enhr.			Producing Method				
4-15-02			Flowing	<input checked="" type="checkbox"/> Pumping	Gas Lift	Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	43		260		37		

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

Method of Completion: Open Hole Perf. Dually Comp. Commingled

Production Interval: 5300'-5360'

Other (Specify) _____

ACO-1 Completion Form Attachment

Ruby #1

Approx. N/2 NE Section 7-16-22W

Ness County, Kansas

Log Tops:

<u>FORMATION</u>	<u>TOP</u>	<u>DATUM</u>
Anhydrite	1780'	(+660')
Base Anhydrite	1821'	(+619')
Heebner	3797'	(-1357')
Toronto	3818'	(-1378')
Lansing	3837'	(-1397')
Stark Shale	4054'	(-1614')
Base Kansas City	4106'	(-1666')
Marmaton	4138'	(-1698')
Pawnee	4210'	(-1770')
Fort Scott	4292'	(-1852')
Cherokee Shale	4318'	(-1878')
Mississippi	4419'	(-1979')
RTD	4470'	(-2030')

DST #1: 4315'-4400'. 30-45-45-60. IF - weak to strong blow in 7 min.; FF - weak to strong blow in 12 min.; Weak surface blow on shut-in. Rec: 270' MGO (5% gas, 50% oil, 10% water, 35% mud); 310' HO&GCM (6% gas, 35% oil, 9% water, 50% mud); 310' HO&GCMW (25% gas, 30% oil, 40% water, 5% mud); 185' SOCMW (4% oil, 86% water, 10% mud); 135' water. Pressures: IH 2074#, IF 47-300#, ISI 1283#, FF 303-533#, FSI 1282#, FH 2127#