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COPY SIDE ONE ⁹⁰⁷¹ **18-21-24W**

FORM MUST BE TYPED

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

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 (316): 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, VSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:

Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
4-10-93 4-17-93 4-26-93
Spud Date Date Reached TD Completion Date

API NO. 15- 083-21,392-00-00
County Hodgeman
C - SE - NW Sec. 18 Twp. 21 Rge. 24 ^E
3300 Feet from (circle one) Line of Section
1980 Feet from (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or (circle one)
Lease Name KING Well # 1
Field Name Wildcat
Producing Formation Mississippi
Elevation: Ground 2333' KB 2338'
Total Depth 4468' PBTD _____
Amount of Surface Pipe Set and Cemented, at 218 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1552' Feet
If Alternate II completion, cement circulated from 1552'
feet depth to Surface w/ 300 sz cement.

Drilling Fluid Management Plan 8-10-93
(Data must be collected from the Reserve Pit)
Chloride content 10,000 ppm Fluid volume 80 bbls
Dewatering method used Hauled Off
Location of fluid disposal if hauled offsite: _____
Operator Name Hess Oil Company
Lease Name EKEY License No. 5663
SE Quarter Sec. 21 Twp. 19 s Rng. 24
County Ness Docket No. D-26,517

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 Pamela Macy
Title Agent Date 8-4-93
Subscribed and sworn to before me this 4 day of August, 19 93.
Notary Public Bryan K. Hess
Date Commission Expires _____

NOTARY PUBLIC - State of Kansas
BRYAN K. HESS
My Appt. Exp. 5-26-97

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
- XCC SWD/Rep AUG 57000
- KGS Plug Other (Specify)

SIDE TWO

Operator Name Hess Oil Company

Lease Name KING

Well # 1

Sec. 18 Twp. 21 Rge. 24

East
 West

County Hodgeman

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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:

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

PLEASE SEE ATTACHED COPY

Radiation Guard Log

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	28	218	60/40 Poz	140	2%gel, 3%cc
Production	5 1/2	5 1/2	14.5	4450	60/40 Poz	100	2%gel, 10%salt
				and	65/35 Poz	300	10%gel, 1/4#

ADDITIONAL CEMENTING/SQUEEZE RECORD					floseal/sack
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
		350 gal. 15% MCA	4450
		1000 gal., 28% HCl NE FE	4450

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	4454			

Date of First, Resumed Production, SWD or Inj.	Producing Method	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
4-29-93		

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	3.5		24		36

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
4450-4468

KING #1
 C SE NW, Section 18-21-24W
 Hodgeman County

SAMPLE TOPS

Anhydrite	1565'	(+773')
Base Anhydrite	1605'	(+733')
Heebner	3773'	(-1435')
Lansing	3820'	(-1482')
Base KC	4173'	(-1835')
Marmaton	4200'	(-1862')
Fort Scott	4337'	(-1999')
Cherokee Shale	4367'	(-2029')
Mississippi	4422'	(-2084')
RTD	4468'	(-2130')

DST #1: 4364'-4468'. Times: 60-45-60-45. Initial blow to 10½" in 60 minutes. Final blow to 9½" in 60 minutes. Recovered 100' gas in pipe, 145' clean gassy oil (2% gas, 98% oil), 180' gassy oily mud (2% gas, 30% oil, 68% mud). IH-2130, IF-66-102, ISIP-875, FF-131-148, FSIP-746, FH-2107. Temp. 114.