

plugged 12-29-87

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

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

Purchaser.....

Operator Contact Person ...James C. Hess
Phone ...316-263-2243

Contractor: License # 4958
Name ...Mallard JV, Inc.

Wellsite Geologist...James C. Hess
Phone...316-263-2243

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☒ Dry ☐ Other (Core, Water Supply etc.)

If ONWO: old well info as follows:

Operator
Well Name
Comp. DateOld Total Depth.....

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

11-30-87 12-9-87 12-9-87
Spud Date Date Reached TD Completion Date
4610' PBDT
Total Depth

Amount of Surface Pipe Set and Cemented at 211 feet
Multiple Stage Cementing Collar Used? ☐ Yes ☐ No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt
Cement Company Name
Invoice #

API NO. 15-101-21,428-0000

County.....Lane

SW NW SE 31 17 28 East
..... Sec.....Twp.....Rge.....X West

1650 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

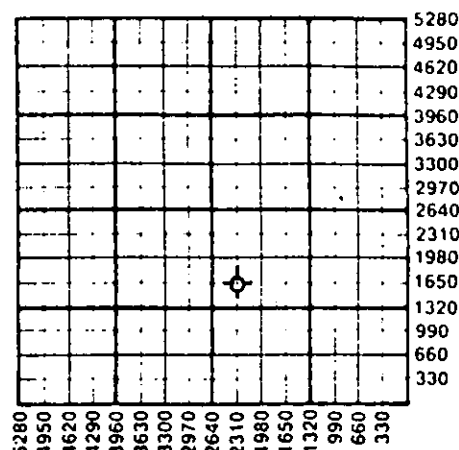
Lease Name...Maser Estate.....Well #...1.....

Field Name.....

Producing Formation.....

Elevation: Ground...2769' KB...2777'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☐ Disposal
Docket # ☐ Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

Division of Water Resources Permit #.....

☒ Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

☐ Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

☒ Other (explain) purchased from landowner
—Gerald Riley (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. 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...Bryan Hess, Mgr..... Date 12-28-87

Subscribed and sworn to before me this 28th day of December... 1987...

Notary Public...Don J. Reichenberger

Date Commission Expires...11-15-89

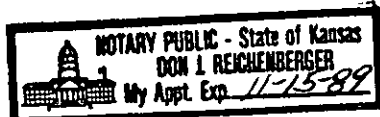
K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution

☒ KCC ☐ SWD/Rep ☐ NGPA
☒ KGS ☐ Plug ☐ Other
(Specify)

STATE



DEC 29 1987
12-29-87
CONSERVATION DIVISION
Wichita, Kansas

Form ACO-1 (5-86)

Sec. 31 Twp. 17 Rge. 28W

Operator Name Hess Oil Company Lease Name Maser Estate Well #...1....

Sec..... 31 Twp..... 17 Rge..... 28 ☐ East
☒ West County..... Lane

WELL LOG

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
Samples Sent to Geological Survey ☐ Yes ☒ No
Cores Taken ☐ Yes ☒ No

Formation Description
☐ Log ☒ Sample

DST #1: 4242'-4285', 15-30-45-45.
Rec. 2590' Mud Cut Salt Water. IH
2003#, FH 1925, IF 629-1031, FF 1031-
1137, ISIP 1108, FSIP 1224.

DST #2: 4440'-4540', 15-30-120-30.
Rec. 40' Oil Cut Mud (98% mud, 2% oil)
IH 2073, FH 2043, IF 47-47, FF 47-47,
ISIP 558, FSIP 524.

DST #3: 4575'-4610', 60-30-60-45.
Rec. 50' Mud (100% Mud), 60' Water Cut
Mud (75% Mud, 25% Salt Water), 120'
Muddy water (55% Salt Water, 45% Mud).
IH 2331, FH 2227, IF 83-104, FF 135-
146, ISIP 1139, FSIP 1160.

Name	Top	Bottom
Anhydrite	2159'	2188
Topeka	3701	
Heebner	3941	
Toronto	3957	
Lansing	3982	
Stark Shale	4242	
B/K.C.		4329
Marmaton	4362	
Pawnee	4439	
Fort Scott	4489	
Cherokee Shale	4514	
Mississippi	4580	
R.T.D.		4610

CASING RECORD ☒ New ☐ 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 1/2"	8-5/8"		211'	60/40 Pdz	120	2% gel, .3% cc

PERFORATION RECORD

Shots Per Foot 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 ☐ Yes ☐ No

Date of First Production

Producing Method

☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold
☐ Used on Lease

☐ Open Hole ☐ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Commingled

DRILLERS' LOG

COMPANY: Hess Oil Company

WELL: Maser Estate #1

CONTRACTOR: Mallard JV, Inc.
P.O.Box 1009

API#: 15-101-21,428

McPherson, KS 67460

LOCATION: SW NW SE

COMMENCED: November 30, 1987

Sec. 31, Twp. 17S, Rge. 28W

COMPLETED: December 9, 1987

COUNTY: Lane

TOTAL DEPTH: 4610'

ELEVATION: 2769' G. L.

2777' K. B.

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
Surface	0'	215'
Shale	215'	1720'
Sand	1720'	1914'
Shale	1914'	2150'
Anhydrite	2150'	2188'
Shale	2188'	3640'
Shale, Lime	3640'	4610' R.T.D. Miss.

REMARKS

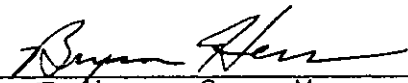
Cut 12½" hole to 212' by Fulton Drilling, 3:00 p.m., 11-30-87 to 3:00 a.m., 12-1-87. Mallard reamed to 215' and ran 5 joints 8-5/8" x 201.58' surface casing. Set at 211.08' and cemented w/120 sacks, 60/40 pozmix, 2% gel, 3%cc. Cement did circulate. P.D. @ 7:30 p.m., 12-1-87.

Ran 3 DST's and electric log.

Plugged hole with 215 sacks, 60/40 pozmix, 6% gel as follows: 50 sx @ 2188', 80 sx @ 1350', 50 sx @ 240', 10 sx @ 40', 15 sx M.H., 10 sx M.H., P.D. @ 6:30 a.m., 12-9-87.

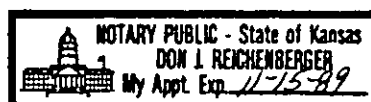
STATE OF KANSAS)
) SS:
COUNTY OF McPHERSON)

I, BRYAN HESS of MALLARD DRILLING, do hereby certify that this is a true and correct copy of the log of the Maser Estate #1 well as reflected by the files of Mallard Drilling.


Bryan Hess, Gen. Mgr.

Subscribed and sworn to before me this 28th day of December, 1987.


Notary Public
11-15-89
My Commission Expires: 11-15-89



DEC 20 1987

CONSERVATION DIVISION
Wichita, Kansas