STATE CORPORATION COMMISSION OF KANSAS	API NO. 15- 065-22,662-00-00 County Graham - 140 - 14
WELL COMPLETION FORM	County Graham
DESCRIPTION OF WELL AND LEASE	1 <u>0'S - SE - NE -NW</u> sec. <u>14</u> twp. <u>6</u> Rge. <u>24</u> X w
Operator: License # 5663	4280 Feet from (S/N (circle one) Line of Section
Name: Hess Oil Company	2970 Feet from (E)W (circle one) Line of Section
Address P.O. Box 1009	Footages Calculated from Nearest Outside Section Corner: NE, SE NW or SW (circle one)
City/State/Zip McPherson, KS 67460	Lease Name Augustine Well # 1
Purchaser:	Producing Formation
Operator Contact Person: Bryan Hess	Elevation: Ground2457!
Phone (<u>316)</u> 241-4640	
Contractor: Name: Mallard DV, Inc.	Total Depth 4210' PBTD
License: 4958	Amount of Surface Pipe Set and Cemented at 248 Feet
Wellsite Geologist: James C. Hess	Multiple Stage Cementing Collar Used? Yes No
Designate Type of Completion	If yes, show depth set Feet
X New Well Re-Entry Workover	If Alternate II completion, cement circulated from
OilSWDSIOWTemp. Abd. GasENHRSIGW	feet depth tow/sx cmt.
X Dry Other (Core, WSW, Expl., Cathodic, etc)	
If Workover/Re-Entry: old well info as follows:	(Data must be collected from the Reserve Pit)
Operator:	 Chloride content <u>1000</u> ppm Fluid volume <u>80</u> bbls
Well Name:	Dewatering method usedevaporation
Comp. Date Old Total Depth	Location of fluid disposal if hauled offsite:
Deepening Re-perf. Conv. to Inj/SWD Plug Back PBTD Commingled Docket No.	Operator Name
Dual Completion Docket No Other (SWD or Inj?) Docket No	Lease NameLicense No
4-1-92 4-7-92 4-7-92	Quarter Sec TwpS RngE/W
Spud Date Date Reached TD Completion Date	County Docket No
Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 12 months if requested in writing and submitted with the months). One copy of all wireline logs and geologist well MUST BE ATTACHED. Submit CP-4 form with all plugged well.	be filed with the Kansas Corporation Commission, 200 Colorado for the spud date, recompletion, workover or conversion of a well. I side two of this form will be held confidential for a period of the form (see rule 82-3-107 for confidentiality in excess of 12 report shall be attached with this form. ALL CEMENTING TICKETS alls. Submit CP-111 form with all temporarily abandoned wells. I gated to regulate the oil and gas industry have been fully complied the best of my knowledge.
Signature Soupan Hers	K.C.C. OFFICE USE ONLY
Druge Head Mars	F Letter of Confidentiality Attached 5-12-92 C Wireline Log Received
Subscribed and sworn to before me this 12th day of Main 19 92. Notary Public Main Main Main Main Main Main Main Main	Geologist Report Received
Data Campianian Francisco // 11-15-92	ALAY I C 1997
Date Commission Expires	Mal 1 (Specify)

1

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Operator Name Hess Oil Comp	oany	Lease Name	Augustine	Well #1 *
Sec. <u>14</u> Twp. <u>6</u> Rge. <u>24</u>	East West	County	Graham	
INSTRUCTIONS: Show important tops interval tested, time tool open an hydrostatic pressures, bottom hole tif more space is needed. Attach co	d closed, flowing and emperature, fluid recov	shut-in pressu	res, whether shut-in p	ressure reached static leve
Drill Stem Tests Taken (Attach Additional Sheets.)	⊠ _{Yes} □ _{No}	□ Log	Formation (Top), Depti	and Datums 🗓 Sample
Samples Sent to Geological Survey	⊠ yes □ No ·	Name	Тор	
Cores Taken Electric Log Run (Submit Copy.) List All E.Logs Run: R.A. Guard	Yes No	Anhydrite Base Anhyd Topeka Heebner Lansing Base K.C. Conglomera	3466 3669 3710 3894	+ 290' -1001' -1204' -1245' -1429'
DST #1: 3830'- 3900'. 38 blow died in 35 min. Rec show in top of tool). IH ISI, FF, FSI, FH DST #2: 3800'- 3900'. 28 IF 96-96, ISI, FF, F	. 20' Mud (oil 1969, IF 67–67, 1949. Tmp 109. 5–0–0–0. Weak blo	Arbuckle R.T.D.	4162 4210	-1697' -1745'

CASING RECORD Used New W 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#	248'	60/40 Poz	165	2% gel, 3% cc		
						 			

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Andrew State Control of the St

ORIGINAL

MALLARD JV, INC. P. O. BOX 1009 MCPHERSON, KS 67460

DRILLERS LOG

OPERATOR: Hess Oil Company

P. O. Box 1009

McPherson, KS 67460

WELL: Augustine #1

API#: 15-065-22,662-00-00

COMMENCED: April 1, 1992

COMPLETED: April 7, 1992

LOC: 10' S of SE NE NW

4280 Ft FSL, 2970 Ft FEL

TOTAL DEPTH: 4210 Ft

Sec 14 Twp 6 Rge 24 W

ELEVATION: 2457 Ft GL, 2465 Ft KB

COUNTY: Graham

STATUS: D & A - Arbuckle Formation

Spud: 5:10 p.m. 4/1/92

Size Hole Drilled: 12-1/4" x 250'

Surface Casing: 8-5/8" x 28# x 238.01' (6 jts.)

Set At: 247.61'

Cement: 165 sacks 60/40 Pozmix, 2% gel, 3% cc

PD: 10:45 p.m. 4/1/92

Size Hole Drilled: 7-7/8" x 4210'

Plugged Hole With: 25 sacks @ 4170'

25 sacks @ 2160' 100 sacks @ 1300' 40 sacks @ 280' 10 sacks @ 40' 15 sacks rathole 10 sacks mousehole

215 sacks total - 60/40 Poz, 6% gel, ¼# flo/sk

PD: 7:35 a.m. 4/7/92

Drill Stem Tests: 2

Electric Log: Yes

--- CERTIFICATE ---

Dick Hess, Vice-President of Mallard JV, Incappe by certifies that this is a true and correct copy of the log of the log

Dick Hess Vice President

Wichita, Kansas

STATE OF KANSAS) SS.

Subscribed and sworn to before me this 21st day of April, 1992.

NOTARY PUBLIC - State of Kansas BRYAN K. HESS My Appt. Exp. 5-26-93

Bryan K. Hess, Notary Public

HESS OIL COMPANY

ORIGINAL 412 East Douglas, Suite One Wichita, Kansas 67202

(316) 263-2243

GEOLOGICAL REPORT

AUGUSTINE #1

APZ 15-065-22662

SE NE NW of

<u>SECTION 14 - 6S - 24W</u>

GRAHAM COUNTY, KANSAS

Commenced:

4-1-92

Elevations: 2457' GR, 2465' KB

Completed:

4-7-92

Surface Pipe: 230' of 8-5/8"

Contractor:

Mallard J.V.

Production Pipe: 55"

Production:

Lansing Formation

RECEIVED

One foot drilling time was kept from 2100' to 2200 and from 3300' to total depth. Ten foot samples (wet & dry) were kept 1952 m 3500' to total depth.

Following are sample tops, descriptions of zone SONS FRVATION DIVISION cluding shows of oil & gas), and results of all drill stem tests.

ORIGINAL HESS OIL COMPANY

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Augustine #1 Page 2

 ANHYDRITE
 2142 (+323)

 BASE ANHYDRITE
 2175 (+290)

 TOPEKA
 3466 (-1001)

 HEEBNER
 3669 (-1204)

 LANSING
 3710 (-1245)

3777-81' KB White, very finely crystalline, dense, lime-stone. Slight show of free oil in fair inter-crystalline porosity, no odor, fair stain, and a weak cut.

White, very finely crystalline, dense, lime-stone. Weak show of free oil in fair inter-crystalline porosity, no odor, good stain, and a strong cut. (some barron porosity, some heavy tar stain)

White, very finely crystalline, dense, slightly oolitic, limestone. Fair show of free oil in fair intercrystalline porosity, no odor, good

stain, and a strong cut.

White, very fine to finely crystalline, chalky, limestone. Fair show of free oil in poor intercrystalline porosity, no odor, heavy tar stain, and a strong cut. (Black heavy oil show)

BASE KANSAS CITY

3894 (-1429)

DRILL STEM TEST #1

3830' to 3900' KB

70' Anchor

Blow: Died in 35 min.

Times: Open 35, Closed 0, Open Closed 0.

Recovered: 20' Mud (oil The top of tool)

Pressures: IH 1969# IF 67-67# ISIP --

FH 1949# FF CONGERVATION SUBION ---

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Augustine #1 Page 3

DRILL STEM TEST #2

3800' to 3900' KB

100' Anchor

Blow:

Died in 25 min.

Times:

Open 25, Closed O, Open O, Closed O.

Recovered:

30' Mud

ΙH

Pressures:

1949#

IF 96-96#

ISIP ---

FH 1940#

FF ---

FSIP ---

CONGLOMERATE

4000 (-1535)

ARBUCKLE

<u>4162 (-1697)</u>

ROTARY TOTAL DEPTH

4210 (-1745)

A Radiation Guard Log was run to verify log tops and to look for any zones that might prove productive that were not tested. The Augustine #1 was plugged according to state regulations on 4-7-92.

James C. Hess

Geologist

STATE OF STA

MAT 1 4 1772

CUNSERVATION DIVISION Wichita, Kansas

CUSTOMER LESS OF CO. PAGE NO. JOB TYPE SURFACE VOLUME (BBL) (GAL) PRESSURE (PSI) CALLED OUT onloc. Big Ciac Strup Pump Truck 2035 2100 2205 To PumpTand 200 200 RECEIVED
STATE CORPORATION COMMISSION MAY 1 4 1992 CONSERVATION DIVISION Wichita, Kansas

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