

SIDE ONE

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

API NO. 15- 179-21,010-00-00

County Sheridan ✓

C N/2 NE Sec. 30 Twp. 9 Rge. 26 X East West

4620 ✓ Ft. North from Southeast Corner of Section

1320 ✓ Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

Lease Name Maxwell ✓ Well # 1

Field Name _____

Producing Formation _____

Elevation: Ground 2625' KB 2633'

Total Depth 4040' PBDT _____

Operator: License # 5663

Name: Hess Oil Company

Address P.O. Box 1009

City/State/Zip McPherson, KS 67460

Purchaser: _____

Operator Contact Person: Bryan Hess

Phone (316) 241-4640

Contractor: Name: Mallard JV, Inc.

License: 4958

Wellsite Geologist: Randall Kilian

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: _____

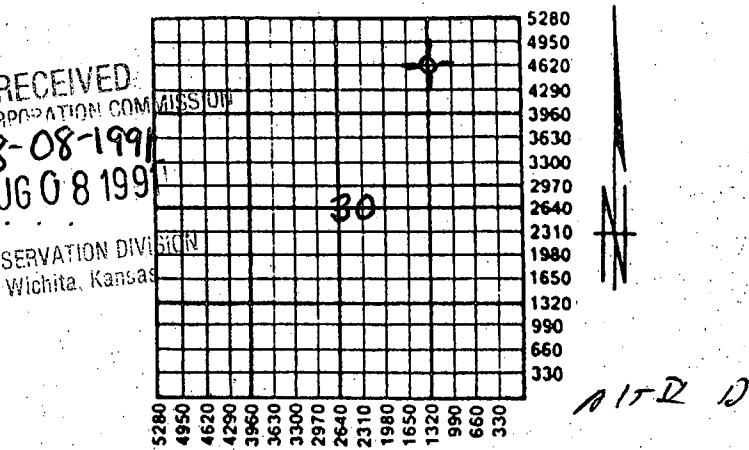
Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

7-2-91 7-6-91 7-6-91
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 212 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

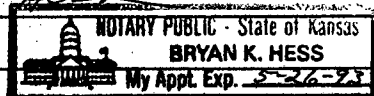
Signature James H. Hess

Title James H. Hess Date 8-7-91

Subscribed and sworn to before me this 7 day of August, 19 91.

Notary Public Bryan K. Hess

Date Commission Expires _____



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)

21

SIDE TWO

Operator Name Hess Oil Company Lease Name Maxwell Well # 1
 Sec. 30 Twp. 9 Rge. 26 East West
 County Sheridan

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.)

Formation Description

Log Sample

Name	Top	Bottom
Anhydrite	2220'	(+ 415')
Base Anhy.	2259'	(+ 374')
Heebbner	3760'	(-1127')
Toronto	3778'	(-1145')
Lansing	3790'	(-1159')
Stark Shale	3980'	(-1348')
Base, K.C.	4030'	(-1399')
R.T.D.	4040'	(-1407')

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	12-1/4"	8-5/8"	20#	212'	60/40 Poz	140	2%gel, 3%cc

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Amount	Depth

TUBING RECORD Size _____ Set At _____ Packer At _____ Liner Run Yes No

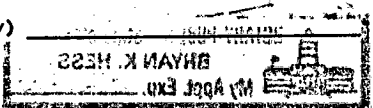
Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

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

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

METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval _____



15-179-21010-00-00

ORIGINAL

MALLARD JV, INC. P. O. BOX 1009 McPHERSON, KS 67460
D R I L L E R S L O G

OPERATOR: Hess Oil Company
P. O. Box 1009
McPherson, KS 67460

WELL: Maxwell #1
API #: 15-179-21,010

COMMENCED: July 2, 1991

LOCATION: C N/2 NE

COMPLETED: July 6, 1991

4620 FT. FSL, 1320 FT. FSL

TOTAL DEPTH: 4040 FT.

SEC. 30 TWP. 9 RGE. 26 W

ELEVATION: 2625 FT. GL, 2633 FT. KB

COUNTY: Sheridan

STATUS: D & A - Lansing Formation	
Size Hole Drilled:	12-1/4" x 213'
Surface Casing:	8-5/8" x 20# x 202.18' (5 jts.)
Set At:	211.78'
Cement:	140 sacks 60/40 Pozmix, 2% gel, 3% cc
P.D.:	6:30 p.m. 7/2/91
Size Hole Drilled:	7-7/8" x 4040'
Plugged Hole With:	25 sacks @ 2250'
	100 sacks @ 1300'
	30 sacks @ 260'
	10 sacks @ 40'
	15 sacks rathole
	10 sacks mousehole
	190 sacks total - 60/40 Poz, 6% gel, 3% cc
P.D.:	11:45 p.m. 7/6/91
Drill Stem Tests:	None
Electric Log:	None

RECEIVED
STATE COMMISSION
08-08-1991
AUG 08 1991
DIVISION
Wichita, Kansas

... CERTIFICATE ...

James H. Hess, Vice-President of Mallard JV, Inc., hereby certifies that this is a true and correct copy of the log of the following well, as reflected by the files of Mallard JV, Inc.: Maxwell #1

James H. Hess
James H. Hess, Vice-President

STATE OF KANSAS)
COUNTY OF McPHERSON) ss.

Subscribed and sworn to before me this 16th day of July, 1991.

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

Bryan K. Hess
Bryan K. Hess, Notary Public

Russell, Kansas
 3-5861, Great Bend, Kansas

15-179-21010-00-00

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

No 3276

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

ORIGINAL

Date	7-6-91	Sec.	30	Fwp.	9	Range	26	Called Out		On Location	8:45 PM	Job Start	5	Finish	11:45 PM
Lease	Maxwell	Well No.		Location	Quinter N to R.L. 1W-15			County	Shawnee	State	Kan				
Contractor	Mallard Drly Co.														
Type Job	Plug														
Hole Size	7 7/8	T.D.	440												
Csg.	8 5/8	Depth	212'												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.		Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace													
Perf.															

Owner *W.S.*
 To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish
 cementer and helper to assist owner or contractor to do work as listed.

Charge To *Hess Oil Co.*
 Street
 City State

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X *Jim Mickle*

CEMENT

Amount Ordered *190 SKS 6 3/4" 6% Gel, 3% CC*

Consisting of

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	

Sales Tax

Handling *1.00 per sk*

Mileage *4¢ per sk/mile*

Sub Total

Total

Floating Equipment

RECEIVED
 STATE OF KANSAS

AUG 08 1991
 CONSERVATION DIVISION
 WICHITA, KANSAS

Thal 40

EQUIPMENT

Pumptrk	No. 153	Cementer	<i>Walt Gerald</i>
		Helper	
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	220	Driver	<i>Keith</i>
Bulktrk		Driver	

DEPTH of Job	
Reference:	<i>Pumptruck</i>
	<i>8 5/8" D.H. Plug</i>
	<i>2.00 per mile</i>
	Sub Total
	Tax
	Total

Remarks:

<i>25</i>	<i>SKS @ 2250'</i>
<i>100</i>	<i>SKS @ 1300'</i>
<i>30</i>	<i>SKS @ 260'</i>
<i>10</i>	<i>SKS @ 40'</i>
<i>15</i>	<i>SKS in R.H.</i>
<i>10</i>	<i>SKS in W.H.</i>

027, Russell, Kansas
 793-5861, Great Bend, Kansas

15-179-21010-00-00

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

No 3471

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
7-2-91				2:00 PM	5:30 PM	6:00 PM	6:30 PM
Lease Maxwell	Well No. # 1		Location Quarter 10NW1/4W		County Sheridan	State Kansas	
Contractor Mallard Joint Ventures Rig 1				Owner SAME			
Type Job Surface				To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size 12 1/4"		T.D. 213'		Charge To Hess Oil Co			
Csg. 8 3/8"		Depth 212'		Street			
Tbg. Size		Depth		City			
Drill Pipe		Depth		State			
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg. 15'		Shoe Joint		Purchase Order No.			
Press Max.		Minimum		X <i>[Signature]</i>			
Meas Line		Displace		CEMENT			
Perf.				Amount Ordered 140 SKS 60/40 POZ 3/4" 2 1/2" bel			

EQUIPMENT

#177	No.	Cementer	M Kaufman
Pumptrk		Helper	Will H.
	No.	Cementer	
Pumptrk		Helper	
#213		Driver	Mark D.
Bulktrk		Driver	

DEPTH of Job

Reference:	#	Pump Trk	
		1-8 3/8" Plug	
		Sub Total	
		Tax	
		Total	

Remarks:

Cement Circulated

Consisting of	Common	
	Poz. Mix	
	Gel.	
	Chloride	RECEIVED
	Quickset	COMMISSION
	Handling	AUG 08 1991
	Mileage	Wichita, Kansas
		Sales Tax
		Sub Total
		Total
	Floating Equipment	

[Signature]