

ORIGINAL SIDE ONE

**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/Pate-Dombaugh
 Address P. O. Box 1009
 City/State/Zip McPherson, KS 67460
 Purchaser: _____
 Operator Contact Person: Dick Hess
 Phone (316) 241-4640

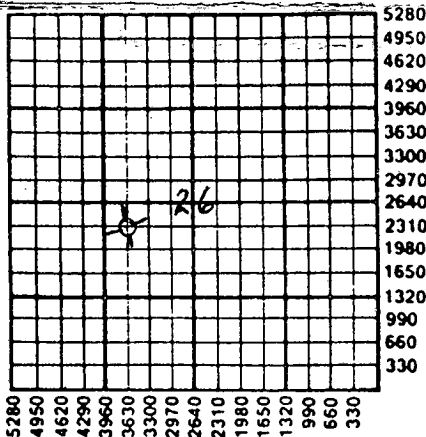
Contractor: Name: Mallard J.V., INC.
 License: 4958
 Wellsite Geologist: Don R. Pate

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

If **OWO**: old well info as follows:
 Operator: _____
 Well Name: _____
 Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable
10/10/90 10/17/90 10/17/90
 Spud Date Date Reached TD Completion Date

API NO. 15- 135-23, 502-0000
 County Ness
NW NE SW Sec. 26 Twp. 19 Rge. 23 East West
2310 Ft. North from Southeast Corner of Section
3630 Ft. West from Southeast Corner of Section
 (NOTE: Locate well in section plat below.)
 Lease Name Keough Well # 1
 Field Name Wildcat
 Producing Formation D & A
 Elevation: Ground 2283 KB 2291
 Total Depth 4435 PBDT _____

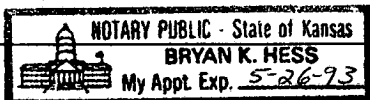


Amount of Surface Pipe Set and Cemented at 295 @ 305 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from _____
 feet depth to _____ w/ _____ sx cmt.

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, VP Date 11/30/90
 Subscribed and sworn to before me this 30th day of November STATE CORPORATION COMMISSION
 19 90.
 Notary Public Bryan K. Hess
 Date Commission Expires _____



K.C.C. OFFICE USE ONLY			
F	Letter of Confidentiality Attached		
C	Wireline Log Received		
	Drillers Timelog Received		
RECEIVED STATE CORPORATION COMMISSION			
Distribution			
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/>	SWD/Rep
<input type="checkbox"/>	NGPA	<input type="checkbox"/>	Other
(Specify)			
CONSERVATION DIVISION Wichita, Kansas			

ORIGINAL

SIDE TWO

Operator Name Hess Oil Company/Pate-Dombaugh Lease Name Keough Well # 1
County Ness
Sec. 26 Twp. 19 Rge. 23
[] East [X] West

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 [X] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No
Electric Log Run [] Yes [X] No

Formation Description table with columns: Name, Top, Bottom. Rows include T/Anhy (1545), B/Anhy (1584), Heebner (3740), Lansing (3787), Ft. Scott (4305), Mississippi (4401), Total Depth (4435).

CASING RECORD [] New [] Used
Report all strings set-conductor, surface, intermediate, production, etc.

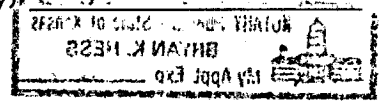
Table with 8 columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs./Ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives. Row 1: Surface Pipe, 12 1/4", 8 5/8", 20#, 305', 60/40 Poz., 165, 2%Ge13%C.C.

PERFORATION RECORD table with columns: 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)
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



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

ORIGINAL

DRILLERS' LOG

OPERATOR: HESS OIL COMPANY/PATE-DOMBAUGH
P.O. BOX 1009
MCPHERSON, KS 67460

WELL: KEOUGH #1

API#: 15-135-23,502-0000

COMMENCED: 10-10-90

LOCATION: NW NE SW

COMPLETED: 10-17-90

2310 Ft. FSL, 3630 Ft. FEL

TOTAL DEPTH: 4435 Ft.

SEC. 26 TWP. 19 S RGE. 23 W

ELEVATION: 2283 Ft. G.L.

COUNTY: NESS

2291 Ft. K.B.

STATUS: D & A - Mississippi Formation

REMARKS:

Cut 12 1/4" hole to 304' and ran 8 joints 8-5/8" x 20# x 295.25' surface casing. Set at 304.85' and cemented with 165 sacks 60/40 Pozmix, 2% gel, 3% cc. Cement did circulate. P.D. at 5:00 a.m. 10-11-90.

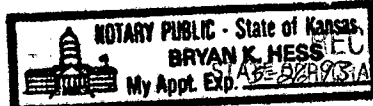
Drilled 7-7/8" hole to 4435' R.T.D. and plugged with 225 sacks 60/40 Pozmix, 6% gel as follows:
50 sx @ 1590'
80 sx @ 840'
40 sx @ 330'
10 sx @ 40'
15 sx R.H., 10 sx M.H.
P.D. @ 9:00 p.m. 10-17-90

STATE OF KANSAS)
COUNTY OF MCPHERSON) SS:

I, Dick Hess of MALLARD JV, INC. hereby certify that this is a true and correct copy of the log of the Keough #1 well as reflected by the files of Mallard JV, Inc.

Dick Hess

Subscribed and sworn to before me this 29th day of October, 1990.



RECEIVED
Bryan K. Hess
NOTARY PUBLIC

DEC 4 1990

CONSERVATION DIVISION
Wichita, Kansas

2627, Russell, Kansas
 16-793-5861, Great Bend, Kansas

Surface Pipe Cement
ORIGINAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. NO. 7109

Home Office P.O. Box 31 Russell, Kansas 67665

15-135-23507-0000

New

Date	10-10-90	Sec.	26	Twp.	19	Range	23	Called Out	9:00 PM	On Location	9:45 PM	Job Start	4:30 AM	Finish	5:00 AM	
Case	Keough		Well No.	1			Location	New to south 3 east			County	Ness		State	KS	
Contractor	Mallard															
Job	Surface															
Well Size	12 1/4		TD 304'													
	8 5/8		Depth 304'													
Drill Pipe	2 1/2															
Shoe Joint	15															
Displace	18.8															
Charge To	Hess Oil & Pate Dombaugh Inc.															
Street	804 Union Center															
City	Wichita										State	Ks. 67202				
The above was done to satisfaction and supervision of owner agent or contractor																
Purchase Order No.																
Mail Order																
CEMENT																
Amount Ordered	165 BX 60/40 2% gel 3% CC															

EQUIPMENT

No.	Cementer	Helper	Driver
#158	JAYSON	BILL	BILL
#96			

Common	99	5.25	519.75
Poz. Mix	66	2.25	148.50
Gel	3	6.75	NIC
Chloride	5	21.00	105.00
Quickset			
Handling	165	1.00	165.00
Mileage	9	Min	45.00

DEPTH of Job	380.00
Pump truck charge	18.00
9 Mileage	42.00
8 5/8 TWP	
Sub Total	440.00

Floating Equipment	\$ 983.25
Total	\$ 1423.25
DISC	284.65
RECEIVED	
STATE CORPORATION COMMISSION	38.60

Cement did circulate

By Allied Cementing
 Jason Drilling

Thank you

DEC 4 1990

CONSERVATION DIVISION
 Wichita, Kansas

483-2627, Russell, Kansas

16-793-5861, Great Bend, Kansas

Plugging Cement

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. ORIGINAL

Home Office P. O. Box 31 Russell, Kansas 67665

No. 7118

15-135-23562-0000

No.	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
10-17-90	26	19	23	3:30	6:30	7:15	9:00
Use	Well No.	#	Location	Neascity	Co.	County	State
Keough		1		6S 3E 1/4N		Ness	Ks
Contractor	Owner Hess Oil & Pate - Dornauagh INC						
Job	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.						
Size	7 7/8	T.D.	4435'	Charge To Hess Oil & Pate - Dornauagh INC			
Size		Depth		Street Box 1009			
Pipe	4 1/2	Depth	1590'	City McPherson State Ks. 67460			
Depth		Depth		The above was done to satisfaction and supervision of owner agent or contractor			
Shoe Joint		Shoe Joint		Purchase Order No.			
Minimum		Minimum		X Mark J. Chase			
Displace		Displace		CEMENT			

EQUIPMENT

No.	Cement	Helper	Driver
158	Bill S.	J. D.	2 Men
69			
86			

TH of Job	Description	Amount
10	Pump truck charge	380.00
	5 milage	20.00
	1-8 5/8 wooden plug	21.00
	Sub Total	421.00

1590'	50 st	
840'	80 st	
330	40 st	
40'	10 st	
Pat	15 st	

Thank you
Bill Schmitt

Amount Ordered	225 60/40 6% gel
Consisting of	
Common	135 5.25 = 708.75
Poz. Mix	90 2.25 = 202.50
Gel.	13 6.75 = 87.75
Chloride	
Quickset	
Sales Tax	
Handling	225 lbs 1.00 = 225.00
Milage	10 = 67.50
Sub Total	1291.50
Floating Equipment	
	712.50
	342.50
	1370.00

RECEIVED
STATE CORPORATION COMMISSION
DEC 4 1930
CONSERVATION DIVISION
Wichita, Kansas