

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 Company
Address P.O. Box 1009
City/State/Zip McPherson, KS 67460

Purchaser NCRA

Operator Contact Person Bryan Hess
Phone 316-241-4640

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 OWWO: old well info as follows:
Operator Jerry Patterson Oil Co.
Well Name Boys #1
Comp. Date 11-26-87 Old Total Depth 3739'

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
10-25-88 10-28-88 12-8-88
Spud Date Date Reached TD Completion Date
3743' 3709'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 273 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated from 3728 feet depth to surf. w/ 475 SX cmt
Cement Company Name Allied
Invoice # 5466
3-13-89

API NO. 15-065-22,425-A-00-01
County Graham
SW SE NW Sec. 8 Twp. 6 Rge. 21 East X West

2970 Ft North from Southeast Corner of Section
3630 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

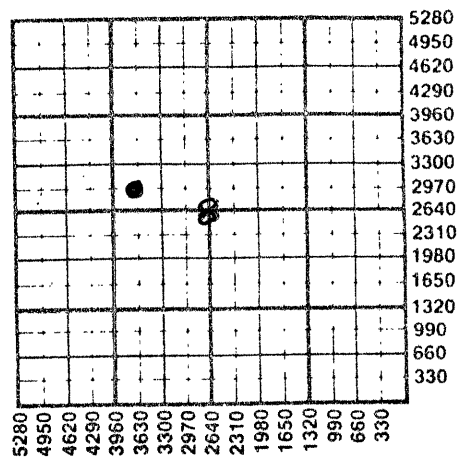
Lease Name Boys "B" Well # 1 OWWO

Field Name Boys South

Producing Formation Lansing

Elevation: Ground 2171' KB 2179'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: X Disposal
Docket # D-20496 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

X Surface Water 2640 Ft North from Southeast Corner 3960 Ft West from Southeast Corner Sec 8 Twp 6 Rge 21 East X West

Other (explain) (purchased from city, R.W.D. #)

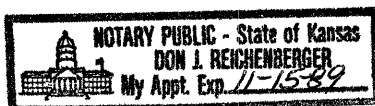
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 2-25-89

Subscribed and sworn to before me this 25th day of February 19.89...

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)
3-3-89 X(4)
Form ACO-1 (5-86)

Sec. 8, Twp. 6, Rge. 21

SIDE TWO

Operator Name Hess Oil Company Lease Name Boys "B" Well # 1 OWWO

Sec...8... Twp...6... Rge...21... County...Graham

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

Name	Top	Bottom
SC	1833	
Top	3188	
Oread	3347	
Heebner	3390	
Tornoto	3416	
Lansing	3435	
B/Kansas City	3620	
Penn Cong	3668	
Arbuckle	3675	
New R.T.D.	3743	

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
(Old) Surface	12 1/4"	8-5/8"	20	273'	60/40 Poz	190	3%cc, 2%gel
Production	7-7/8"	5 1/2"	14.5	3728' and	ATL 60/40 Poz	325 150	6%gel, 10%sal
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
I	3670-80			750gal. 15% MCA acid			
I	3607 & 3575-76			3000 gal. 15% HCL acid			
I	3436 & 3417-18 & 3388			3000 gal. 15% HCL acid			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Set At		Packer at			
Dec. 8, 1988		2-3/8"		3699'			
Date of First Production		Producing Method					
Dec. 8, 1988		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	3	0	40		27		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)3388'-3680'.....
 Used on Lease Dually Completed
 Commingled

Mallard JV, Inc.
P.O. Box 1009
McPherson, KS 67460

DRILLERS' LOG

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

WELL: Boys "B" #1 OWWO
API#: 15-065-22,425-A

COMMENCED: October 25, 1988

LOCATION: SW SE NW
2970 Ft. FSL, 3630 Ft. FEL

COMPLETED: October 28, 1988

Sec. 8 Twp. 6 S Rge. 21 W

TOTAL DEPTH: 3743 Ft.

COUNTY: Graham

ELEVATION: 2171 Ft. G.L.

2179 Ft. K.B.

OLD WELL INFORMATION

Operator: Jerry Patterson Oil Company
Well Name: Boys #1
Comp. Date: 11-26-87
Old T.D.: 3739'
Surface Pipe: 8-5/8" set @ 273'

REMARKS

Washed-down hole to 3743' and ran 102 joints 5 1/2" x 14.5# x 3720' casing.
Set at 3728' and cemented with 325 sacks ATL and 150 sacks 60/40 Pozmix,
6% gel, 10% salt. Cement did circulate. P.D. @ 2:00 p.m. 10-28-88.

RECEIVED
STATE CORPORATION COMMISSION

MAR 03 1989

CONSERVATION DIVISION
Wichita, Kansas

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 Boys "B" #1 OWWO
well as reflected by the files of Mallard Drilling.

Bryan Hess
Bryan Hess, Gen. Mgr.

Subscribed and sworn to before me this 11th day of
November, 1988.

11-15-89
My Commission Expires

Don J. Reichenberger
Notary Public

