

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

SIDE ONE

4 ✓

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

Purchaser Clear Creek

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
 4-4-88 4-10-88 4-29-88
 Spud Date Date Reached TD Completion Date
 x 3740' 3710
 Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 178 feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set feet
 If alternate 2 completion, cement circulated from 3680' feet depth to surf. 425 SX cmt
 Cement Company Name Allied Cementing
 Invoice # 51321
 6-20-88

API NO. 15-065-22,446-0000
 County Graham
 NE SW NW Sec 8 Twp 6 Rge 21 East
 3630 Ft North from Southeast Corner of Section
 4290 Ft West from Southeast Corner of Section
 (Note: Locate well in section plat below)

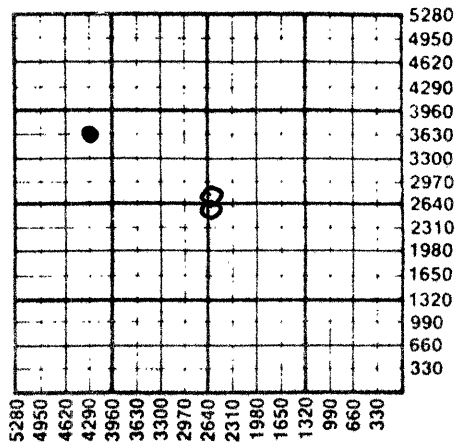
Lease Name Carl Boys Well # 1

Field Name Boys

Producing Formation Lansing

Elevation: Ground 2183' KB 2191'

Section Plat



WATER SUPPLY INFORMATION

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

Questions on this portion of the ACO-1 call:
 Water Resources Board (913) 296-3717

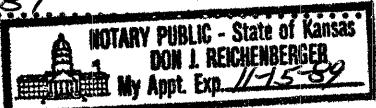
Source of Water:
 RECEIVED
 STATE CORPORATION COMMISSION
 Groundwater.....Ft North from Southeast Corner
 2640 Ft West from Southeast Corner of
 Sec 8 Twp 6 Rge 21 East West
 X CONSERVATION DIVISION 2640
 3960 Ft North from Southeast Corner
 (Other, etc.).....Ft West from Southeast Corner
 Sec 8 Twp 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 6-14-88

Subscribed and sworn to before me this 14th day of June 1988
 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)

6-16-88
 Form ACO-1 (5-86)

Sec. 8, Twp. 6, Rge. 21

Operator Name Hess Oil Company Lease Name Carl Boys Well # 1

Sec. 8 Twp. 6 Rge. 21 East West 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

DST #1: 3550'-3640'. 30-30-90-45.
 Rec. 240' gas, 402' oil cut mud (40% oil, 60% mud). Press: IH 1802#, IF 180-222, ISIP 822, FF 233-254, FSIP 811, FH 1791.

DST #2: 3680'-3710'. 30-45-60-45.
 Rec. 275' oil cut mud (10% oil, 90% mud). Press: IH 1875, IF 158-180, ISIP 696, IF 180-180, FSIP 602, FH 1864.

DST #3: 3400'-3500'. 60-30-60-45.
 Strong blow both opens. Rec. 480' oil cut mud (15% oil, 85% mud). Press. IH 1760, IF 137-254, ISIP 675, FF 275-317, FSIP 612, FH 1729.

Name	Top	Bottom
Anhydrite	1850'	1880'
Topeka	3200	
Heebner	3401	
Toronto	3426	
Lansing	3444	
B/K.C.	3639	
Arbuckle	3681	
R.T.D.	3710	

Electric Log

Topeka	3202'
Heebner	3402
Toronto	3428
Lansing	3446
B/K.C.	3632
Arbuckle	3681

CASING RECORD <input checked="" type="checkbox"/> New 8" <input checked="" type="checkbox"/> Used 4 1/2"							
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"	20#	178'	60/40Poz	125	3% cc, 2% gel
Production		4 1/2"	95#	3680'	ATL	300	
				and	60/40Poz	125	10% salt
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
	Open hole 3680'-3740' 3710'			750 gal., 15%			
1	3623, 3601-02, 3592			3000 gal., 15%			
1	3522, 3495-96, 3481			3000 gal., 15%			
1	3449, 3431-32, 3400			3000 gal., 15%			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2-7/8" Set At 3647' Packer at							
Date of First Production	Producing Method						
4-29-88	<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		
	50 Bbls	MCF	70 Bbls	CFPB	39		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease

Open Hole Perforation Other (Specify)

3400'-3740' ³⁷¹⁰

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: Carl Boys #1
API#: 15-065-22,446
LOCATION: NE SW NW
3630 Ft. FSL, 4290 Ft. FEL
Sec. 8 Twp. 6 S, Rge. 21 W
COUNTY: Graham
COMMENCED: April 4, 1988
COMPLETED: April 10, 1988
TOTAL DEPTH: 3710 Ft.
ELEVATION: 2183 Ft. G.L.
2191 Ft. K.B.

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
Surface	0'	178'
Shale	178	1375
Cedar Hills	1375	1578
Shale	1578	1849
Anhydrite	1849	1884
Shale, Lime	1884	3710 R.T.D. Arbuckle

REMARKS

Cut 12½" hole to 178' and ran 4 joints new 8-5/8" x 20# x 168.39' surface casing. Set at 177.89' & cemented w/125 sx 60/40 Pozmix, 3% cc, 2% gel. Cement did circulate. P.D. @ 9:15 p.m. 4-4-88.

Ran 3 DST's and electric log.

Ran 92 joints 4½" x 9.5# x 3687' casing. Set at 3680' & cemented w/300 sx ATL, followed by 125 sx 60/40 Pozmix, 10% salt. Cement did circulate. P.D. @ 1:30 p.m. 4-10-88.

RECEIVED
STATE CORPORATION COMMISSION

JUN 16 1988
6-16-88
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 Carl Boys #1 well as reflected by the files of Mallard Drilling.

Bryan Hess
Bryan Hess, Gen. Mgr.

Subscribed and sworn to before me this 19th day of April, 1988.

11-15-89
My Commission Expires

Don J. Reichenberger
Notary Public

