

ORIGINAL

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
 Address P. O. Box 1009
 City/State/Zip McPherson, KS 67460
 Purchaser: N.C.R.A.
 Operator Contact Person: Bryan Hess
 Phone (316) 241-4640
 Contractor: Name: Mallard JV, Inc.
 License: 4958
 Wellsite Geologist: James C. Hess

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abs.
 Gas ENHR SIGW
 Dry Other (Core, SW, Expl., etc.)
 RECEIVED
 STATE CORPORATION COMMISSION
 OCT 31 1995
 10-31-95
 CONSERVATION DIVISION
 Wichita, Kansas

If Workover:
 Operator: _____
 Well Name: _____
 Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PBDT
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____
7-8-95 7-14-95 7-26-95
 Spud Date Date Reached TD Completion Date

API NO. 15- 065-22,759-00-00
 County Graham
200' W of C-SE - NW Sec. 23 Twp. 6 Rge. 24 ^E W
1980 Feet from S (circle one) Line of Section
1780 Feet from E (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE, SE, NW or SW (circle one)
 Lease Name White Well # 2
 Field Name Hoosier
 Producing Formation Lansing
 Elevation: Ground 2432' KB 2437'
 Total Depth 3900' PBDT 3890'
 Amount of Surface Pipe Set and Cemented at ~~465~~ 246 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 2124 Feet
 If Alternate II completion, cement circulated from 2124
 feet depth to surface w/ 375 sx cm.
 Drilling Fluid Management Plan ALT 2 JX 9-17-96
 (Data must be collected from the Reserve Pit)
 Chloride content 10,000 ppm Fluid volume 310 bbls
 Dewatering method used Evaporation
 Location of fluid disposal if hauled offsite:
 Operator Name _____
 Lease Name _____ License No. _____
 _____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W
 County _____ Docket No. _____

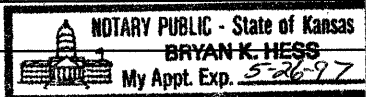
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 geologist well report 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.

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 Dick Hess
 Title Dick Hess, Vice-President Date 8-30-95

Subscribed and sworn to before me this 30th day of August,
 19 95.

Notary Public Bryan K. Hess
 Date Commission Expires _____



K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

SIDE TWO

Operator Name Hess Oil Company Lease Name White Well # 2

Sec. 23 Twp. 6 Rge. 24 East West
 County Graham

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) List All E.Logs Run: Radiation Guard	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;"><input type="checkbox"/> Log</td> <td style="width:40%;">Formation (Top), Depth and Datums</td> <td style="width:30%;"><input checked="" type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anhydrite</td> <td>2145'</td> <td>(+292)</td> </tr> <tr> <td>Base Anhydrite</td> <td>2174'</td> <td>(+263)</td> </tr> <tr> <td>Topeka</td> <td>3461'</td> <td>(-1024)</td> </tr> <tr> <td>Heebner</td> <td>3661'</td> <td>(-1224)</td> </tr> <tr> <td>Lansing</td> <td>3703'</td> <td>(-1266)</td> </tr> <tr> <td>Base Kansas City</td> <td>3886'</td> <td>(-1449)</td> </tr> <tr> <td>RTD</td> <td>3900'</td> <td>(-1463)</td> </tr> </table>	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input checked="" type="checkbox"/> Sample	Name	Top	Datum	Anhydrite	2145'	(+292)	Base Anhydrite	2174'	(+263)	Topeka	3461'	(-1024)	Heebner	3661'	(-1224)	Lansing	3703'	(-1266)	Base Kansas City	3886'	(-1449)	RTD	3900'	(-1463)
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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
Surface	12-1/4"	8-5/8"	20#	246'	60/40 Pozmix	165	2% gel, 3% cc
Production	7-7/8"	5-1/2"	14-15#	3903'	EA-2	100	(1st stage)
				(2nd stage)	Hall. Light	375	2% add gel, 1/4# floreal

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	Perf. 3850'-3852'	250 gal. MCA 15% Hcl, and 500 gal. 15% Hcl NEFE	
2	Perf. 3707'-3711'	300 gal. MCA 15% Hcl, and 1000 gal. 15% Hcl NEFE	

TUBING RECORD	Size <u>2-7/8"</u>	Set At <u>3857'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. <u>7-27-95</u>		Producing Method <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 <u>20</u> Bbls.	Gas <u>0</u> Mcf	Water <u>18</u> Bbls.	Gas-Oil Ratio <u>27</u>

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 3650'-3711'

Production Interval: Other (Specify) _____

P.O. BOX 1009
McPHERSON, KANSAS 67460-1009
(316) 241-4640

ACO-1 Completion Form Attachment

WHITE #2
200' W of C SE NW, Section 23-6-24W, Graham County, KS
API #15-065-22,759-00-00

DST #1 Miss-run

DST #2 Interval: 3694'-3720'
Times: 30-30-0-0
Initial Flow: Weak blow, died in 10 min.
Recovery: 60' Mud
120' Oil Cut Mud (20% Oil, 80% Mud)
Pressures: IH 1700#, IF 123-126#, ISI 511#, FF ---, FSI ---, FH 1645#
Temp: 110F

DST #3 Interval: 3740'-3797'
Times: 60-60-60-60
Initial Flow: Strong blow, bottom of bucket in 17 min.
Final Flow: 6" blow
Recovery: 680' Slightly Mud Cut Water with some Oil Specks, chl. 26,000
Pressures: IH 1862#, IF 143-210#, ISI 1285#, FF 319-323#, FSI 1281#, FH 1832#
Temp: 122F

DST #4 Miss-run

DST #5 Interval: 3798'-3890'
Times: 60-60-60-60
Initial Flow: Weak blow to 1/2"
Final Flow: No blow
Recovery: 125' Oil Specked Mud (100% Mud)
Pressures: IH 1854#, IF 64-56#, ISI 405#, FF 113-101#, FSI 385#, FH 1796#
Temp: 112F

RECEIVED
STATE CORPORATION COMMISSION

OCT 31 1995

CONSERVATION DIVISION
Wichita, Kansas

ALLIED CEMENTING CO., INC.

3312

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: Russell

DATE <u>7-8-95</u>	SEC <u>023</u>	TWP. <u>8</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION <u>6 PM</u>	JOB START	JOB FINISH <u>9:30 AM</u>
LEASE <u>White</u>	WELL# <u>2</u>	LOCATION <u>Penokee 10N 2E</u>			COUNTY <u>Graham</u>	STATE <u>Kan</u>	

OLD OR NEW (Circle one)

CONTRACTOR Mallard

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. ~~250~~ 250

CASING SIZE 8 5/8 DEPTH ~~246~~ 246

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

OWNER		CEMENT	
AMOUNT ORDERED	<u>165 60/40 3% CC 2% Gel</u>		
COMMON	<u>99</u>	@ <u>6.20</u>	<u>603.90</u>
POZMIX	<u>66</u>	@ <u>3.15</u>	<u>207.90</u>
GEL	<u>3</u>	@ <u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>5</u>	@ <u>28.00</u>	<u>140.00</u>
		@	
		@	
		@	
		@	
		@	
HANDLING		@ <u>10.5</u>	<u>173.25</u>
MILEAGE <u>71m</u>		<u>04</u>	<u>468.60</u>
TOTAL			<u>1622.15</u>

EQUIPMENT

PUMP TRUCK CEMENTER McAdoo

177 HELPER Jason

BULK TRUCK

213 DRIVER Steve

BULK TRUCK

DRIVER

REMARKS:

SERVICE

Cement Did Cir

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>445.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>71</u>	@ <u>2.55</u>	<u>166.85</u>
PLUG <u>1-8 5/8</u>	@	<u>45.00</u>
	@	
	@	

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OCT 31 1995

TOTAL 656.85

CHARGE TO: Hess Oil Co.

STREET P.O. Box 905

CITY McPherson STATE Kan ZIP 67460

CONSERVATION DIVISION
Wichita, Kansas

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	



JOB LOG HAL-2013-C

DATE: 7-15-95
PAGE NO: 1
TICKET NO: 83911

CUSTOMER: HESS OIL
WELL NO: 2
LEASE: WHITE
JOB TYPE: 5/1 LOWSTRECK

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0200							CALLED OUT ORIGINAL
	0830							ON LOCATION - DEVISS JOB PAPERWORK
	0845	START	CASING					CONCENTRATEDS @ 1, 2, 5, 55 DV TOOL @ 2145 TOP IT # 56
	1125							DROP BALL BRINE CALCULATION
1	1155	6	7		✓	500		PUMP MUDFRESH
	1201	6	24.2		✓	300		MAX CONCENT 100 SLS
	1206							WASH OUT PUMP - 1236S
	1207							RELEASE PLUG (SILT OFF)
	1207	7	0		✓	600		DESPIKE PLUG (H2O 40 MVA 55)
	1223		95			1600		PLUG DOWN
	1228					1600		RELEASE PST HOLD
	1235							DROP DV OPENING PLUG
	1247	5	3		✓	300		OPEN DV TOOL (900 PSI)
	1255							CALCULATE 4 HRS PLUG RATHOLE
	1655	6	20		✓	300		PUMP CLAYFIX FRESH
	1659	8	129.6		✓	500		MAX CONCENT 375 SLS @ 12.2 PPG
	1718							WASH OUT PUMP - 1736S
	1719							RELEASE DV CLOSING PLUG
	1722	6	0		✓	600		DESPIKE PLUG
	1730		52.3			2000		PLUG DOWN - PUT UP CLOSE DV TOOL
	1734							RELEASE PST HOLD CALCULATE 30 SLS TO PST WASH-UP PACK-UP
	1900							JOB COMPLETE THANK YOU WAYNE DAVE MEL

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FIELD OFFICE