

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & 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: ( 620 ) 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     SIOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

<u>9-19-06</u>	<u>9-25-06</u>	<u>10-9-06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22,387-00-00  
County: Trego  
App. C NE NW Sec. 17 Twp. 15 S. R. 22  East  West  
750 feet from S / (N) (circle one) Line of Section  
1990 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE (NW) SW  
Lease Name: Sargent Well #: 1

Field Name: \_\_\_\_\_  
Producing Formation: Cherokee  
Elevation: Ground: 2281' Kelly Bushing: 2286'  
Total Depth: 4220' Plug Back Total Depth: 4208'  
Amount of Surface Pipe Set and Cemented at 219 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1618 Feet  
If Alternate II completion, cement circulated from 1618'  
feet depth to surface w/ 200 sx cmt.

**Drilling Fluid Management Plan** *ALT II WITH 7-12-07*  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

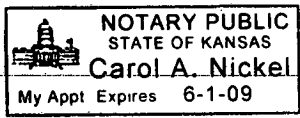
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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: Bryan Hess  
Title: Bryan Hess, President Date: 12-27-06

Subscribed and sworn to before me this 27th day of December

20 06  
Notary Public: Carol A. Nickel  
Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**

*N*

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received **RECEIVED**  
**KANSAS CORPORATION COMMISSION**

Geologist Report Received

UIC Distribution **DEC 28 2006**

**CONSERVATION DIVISION  
WICHITA, KS**

Operator Name: Hess Oil Company 70 Lease Name: Sargent Well #: 1

Sec. 17 Twp. 15 S. R. 22  East  West County: Trego

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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)

List All E. Logs Run:

**Gamma Ray / Neutron**

Log Formation (Top), Depth and Datum  Sample  
Name Top Datum

CASING RECORD <input checked="" type="checkbox"/> New <input 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#	219'	common	160	3%cc, 2% gel
Production	7-7/8"	5-1/2"	14#	4216'	EA-2	150	
					& SMDC	200	

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: 4212'-14'	Acid: 300 gal. MCA, then set bridge plug @ 4208'	
4	Perf: 4198'-4204'	Acid: 300 gal. MCA	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8"	4180'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
11-8-06			<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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
	7	0	0		32

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 4198'-4204'  
(If vented, Submit ACO-18.)  Other (Specify) \_\_\_\_\_

## ACO-1 Completion Form Attachment

**Sargent #1**  
**Approx. C NE NW**  
**750' FNL, 1990' FWL, Section 17-15-22W**  
**Trego County, Kansas**  
**API# 15-195-22,387-00-00**

Elevation: 2286' KB

<u>FORMATION</u>	<u>SAMPLE TOP</u>	<u>DATUM</u>
Anhydrite	1651'	(+635')
Base Anhydrite	1691'	(+595')
Heebner	3636'	(-1350')
Lansing	3677'	(-1391')
Stark Shale	3891'	(-1605')
Base Kansas City	3943'	(-1657')
Marmaton	3970'	(-1684')
Pawnee	4041'	(-1755')
Fort Scott	4122'	(-1836')
Cherokee Shale	4145'	(-1859')
RTD	4220'	(-1934')

DST #1:     Depth:     4145' - 4220'

Times:     30-45-30-45

Blows:     IF - week building to strong BOB in 20 min.  
                          FF - week building to 10" fair blow

Recoveries: 65' OCMW (3% oil, 77% water, 20% mud)  
                          185' HMCGO (10% gas, 80% oil, 10% mud)  
                          185' HMCO (80% oil, 20% mud)  
                          OCM (30% oil, 70% mud)

Pressures:  IH 2020#, IF 24-208#, ISI 1220#, FF 196-265#, FSI 1191#, FH 1924#

RECEIVED  
KANSAS CORPORATION COMMISSION  
DEC 28 2006  
CONSERVATION DIVISION  
WICHITA, KS

# ALLIED CEMENTING CO., INC.

26215

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

SERVICE POINT:  
New City

DATE <u>9-19-06</u>	SEC. <u>2</u>	TWP. <u>15</u>	RANGE <u>23</u>	CALLED OUT <u>3:30pm</u>	ON LOCATION <u>6:45pm</u>	JOB START <u>7:45pm</u>	JOB FINISH <u>8:15pm</u>
LEASE <u>Sargent</u>	WELL # <u>1</u>	LOCATION <u>New City 20N 5 1/4 E S5</u>			COUNTY <u>Trego</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Mallard One

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 219

CASING SIZE 8 5/8 DEPTH 219

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 13 1/2

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED  
160 Com 3%cc 2 1/2 gal

COMMON	<u>160</u>	@	<u>10.65</u>	<u>1704.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>16.65</u>	<u>49.95</u>
CHLORIDE	<u>5</u>	@	<u>46.60</u>	<u>233.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>168</u>	@	<u>1.90</u>	<u>319.20</u>
MILEAGE	<u>26.9</u>	@	<u>168</u>	<u>393.12</u>
TOTAL				<u>2699.21</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mike

# 224 HELPER J. Wyszynski

BULK TRUCK

# 341 DRIVER Kevin

BULK TRUCK

# DRIVER

REMARKS:  
New 20#  
ccc 8 5/8 casing / ryp pump  
max cemt, deep plugs / 13 1/2 ADL  
cemt did ccc

Thanks

CHARGE TO: Hess Oil Co

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB 219

PUMP TRUCK CHARGE 815.00

EXTRA FOOTAGE @

MILEAGE 26 @ 6.00 156.00

MANIFOLD @

RECEIVED  
KANSAS CORPORATION COMMISSION  
DEC 28 2006

CONSERVATION DIVISION  
WICHITA, KS  
PLUG & FLOAT EQUIPMENT

TOTAL 971.00

<u>8 5/8 Taplines</u>	@	<u>60.00</u>
	@	
	@	
	@	
	@	

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment



P. O. Box 466  
Ness City, KS 67560  
Off: 785-798-2300



# Invoice

DATE	INVOICE #
9/25/2006	10962

BILL TO
Hess Oil Company PO Box 1009 McPherson, KS 67460-1009

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Sargent	Trego	Mallard Drilling	Oil	Development	5-1/2" Two Stage...	Wayne
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				30	Miles	4.00	120.00
579D	Pump Charge - Two-Stage - 4216 Feet				1	Job	1,750.00	1,750.00
580	Additional Hours (If Circulate More Than 1 Hour)				2	Hours	150.00	300.00
221	Liquid KCL (Clayfix)				4	Gallon(s)	26.00	104.00T
281	Mud Flush				500	Gallon(s)	0.75	375.00T
402-5	5 1/2" Centralizer				1	Each	75.00	75.00T
403-5	5 1/2" Cement Basket				1	Each	260.00	260.00T
408-5	5 1/2" D.V. Tool & Plug Set - Top Joint #62 - 1618 Feet				1	Each	2,800.00	2,800.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	250.00	250.00T
409-5	5 1/2" Turbolizer				4	Each	80.00	320.00T
417-5	5 1/2" D.V. Latch Down Plug & Baffle				1	Each	200.00	200.00T
325	Standard Cement				150	Sacks	11.00	1,650.00T
330	Swift Multi-Density Standard (MIDCON II)				200	Sacks	13.25	2,650.00T
276	Flocele				88	Lb(s)	1.25	110.00T
283	Salt				750	Lb(s)	0.20	150.00T
284	Calseal				7	Sack(s)	30.00	210.00T
285	CFR-1				71	Lb(s)	4.00	284.00T
290	D-Air				2	Gallon(s)	32.00	64.00T
581D	Service Charge Cement				350	Sacks	1.10	385.00
583D	Drayage				534.44	Ton Miles	1.00	534.44
	Subtotal							12,591.44
	Sales Tax Trego County						5.80%	551.12

10962  
SEP 29 PAID

**We Appreciate Your Business!**

**Total RECEIVED**  
KANSAS CORPORATION COMMISSION **\$13,142.56**

DEC 28 2006

CONSERVATION DIVISION  
WICHITA, KS

JOB LOG

SWIFT Services, Inc.

DATE 9-25-06 PAGE NO. 1

CUSTOMER Hess Oil Co. WELL NO. #1 LEASE SARGENT JOB TYPE 5 1/2" 2-STAGE LONGSTRING TICKET NO. 10962

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							ON LOCATION
	0930							START 5 1/2" CASING IN WELL
								TD-4220 SETC 4216
								TD-4224 5 1/2" #/FT 14
								SF-43'
								CENTRALIZER-2' OP, 1, 2, 3 TUBES REG 61
								CMT BSKT - 62
								DV TOOLC 1618 TOAJT # 62
	1110							DROP BALL - CIRCULATE
	1135	6	12		✓		450	PUMP 500 GAL MUDFLUSH
	1137	6	20		✓		450	PUMP 20 BBLs KCL-FLUSH
	1144	5	36		✓		300	MAX CMWT - 150 SKS SA-2 = 15.5 PP6
	1152							WASH OUT AMP - LINES
	1154							RELEASE 1 <sup>ST</sup> STAGE LATCH DOWN PWG
	1155	7	0		✓			DISPLACE PWG H <sub>2</sub> O - mud-
	1210	6 1/2	102				1500	PWUG DOWN - PSE UP LATCH IN PWUG
	1212						OK	RELEASE PSE - HEAV
	1215							DROP DV OPENING PWUG
	1230				✓		1100	OPEN DV TOOL - CIRCULATE
	1600	6	20		✓		250	PUMP 20 BBLs KCL FLUSH
	1605		4 1/2					PWUG RH-MH
	1610	6 1/2	111		✓		250	MAX CMWT - 200 SKS SMS = 11.2 PP6
	1628							WASH OUT AMP - LINES
	1629							RELEASE DV CLOSING PWUG
	1630	6 1/2	0		✓			DISPLACE PWUG
	1635	6	39.5				1500	PWUG DOWN - PSE UP CLOSE DV TOOL
	1637						OK	RELEASE PSE - HEAV
								CIRCULATES 30 SKS CMWT TO PSE
								RECEIVED KANSAS CORPORATION COMMISSION
								WASH TRUCK DEC 28 2006
	1700							JOB COMPLETE CONSERVATION DIVISION THAWICKIA, KS
								WAKE, JUSTY, SOW